



# **Waupaca High School Course Offerings**



# Waupaca High School Graduation Requirements

## Class of 2027 Graduation Requirements

A total of 24 credits are required for graduation including:

4 credits English	.5 credits Health (may be completed
3 credits Math	grades 7-12)
3 credits Science	.5 credits Computer Studies
3 credits Social Studies	8.5 credits Electives
1.5 credits Physical Education	

Pass Wisconsin State Civics Exam

## Class of 2028 Graduation Requirements

A total of 24 credits are required for graduation including:

4 credits English	.5 credits Health (may be completed
3 credits Math	grades 7-12)
3 credits Science	.5 credits Computer Studies <b>OR</b> .5
3 credits Social Studies	Personal Finance
1.5 credits Physical Education	8.5 credits Electives

Pass Wisconsin State Civics Exam

## Class of 2029 and Following Graduation Requirements

A total of 24 credits are required for graduation including:

4 credits English	.5 credits Health (may be completed
3 credits Math	grades 7-12)
3 credits Science	.5 credits Personal Finance
3 credits Social Studies	8.5 credits Electives
1.5 credits Physical Education	

Pass Wisconsin State Civics Exam



## AP,CAPP & Dual Credit Course Offerings

### *Agriculture Course*

- Introduction to Horticulture (FVTC) (AGR41)
- Animal Science Fundamentals (AGR31)

### *Art Courses*

- AP Studio Art (ART17)

### *Business & Computer Courses*

- AP Computer Science A (COM08.S1 & S2)

### *English Courses*

- Writing 101 Composition (ENG07)
- Communications 111 (ENG08)
- English 214 American Literature (ENG09)
- Appreciation of the Drama 161 (ENG10)

### *Math Courses*

- AP Statistics (MAT05.S1 & S2)
- AP Calculus AB (MAT06.S1 & S2)
- AP Calculus BC (MAT07.S1 & S2)

### *Science Courses*

- AP Physics (SCI42.S1 & S2)
- AP Biology (SCI25.S1 & S2)
- AP Chemistry (SCI35.S1 & S2)

### *Social Studies Courses*

- AP Human Geography (SOC23.S1 & S2)
- AP U.S. History (SOC04.S1 & S2)
- AP European History (SOC21.S1 & S2)
- AP Psychology (SOC91.S1 & S2)

### *Family & Consumer Science*

- Child Ed:Health, Safe & Nutri. (FCE17)
- Child Growth & Development (FCE18)

### *Technology Education Courses*

- MLR 1 (Maintenance and Light Repair) (TEC32)
- Gas Metal Arc Welding Techniques 1 FVTC (TEC70)
- Advanced Welding & Fabrication (TEC71)
- Machining (TEC54)
- DC Circuits (TEC02)
- Metalworking Foundations (TEC50)
- Air Cooled Engine Technology (TEC37)
- Engineering Drawing/AutoCAD (TEC18)
- Product Design Skills (TEC45)
- Intro to Metals Processes (TEC51)



Course Title	Grade Level	Credit
<b>Agriculture</b>		
<a href="#">Agriscience 2 (AGR20)</a>	9-12	0.5
<a href="#">Agriscience 1 (AGR21)</a>	9-12	0.5
<a href="#">Food Products &amp; Processes (AGR05)</a>	10-12	0.5
<a href="#">Vet Tools &amp; Technology (AGR30)</a>	10-12	0.5
<a href="#">Animal Science Fundamentals (AGR31)</a>	10-12	0.5
<a href="#">Landscape &amp; Floral Design (AGR40)</a>	10-12	0.5
<a href="#">Introduction to Horticulture (FVTC) (AGR41)</a>	10-12	0.5
<a href="#">Advanced Horticulture (AGR43)</a>	10-12	0.5
<a href="#">Forestry &amp; Taxidermy (AGR50)</a>	10-12	0.5
<a href="#">Wildlife Management (AGR51)</a>	10-12	0.5
<a href="#">Outdoor Recreation &amp; Natural Resources (AGR53)</a>	11-12	0.5
<b>Art</b>		
<a href="#">Fundamentals of Art &amp; Design (ART01)</a>	9-12	0.5
<a href="#">2D Art (ART08)</a>	10-12	0.5
<a href="#">Ceramics (ART04)</a>	10-12	0.5
<a href="#">3D Art (ART09)</a>	10-12	0.5
<a href="#">Drawing (ART13)</a>	10-12	0.5
<a href="#">Advanced 2D Art (ART10)</a>	10-12	0.5
<a href="#">Advanced Ceramics (ART041)</a>	10-12	0.5
<a href="#">Advanced 3D Art (ART11)</a>	10-12	0.5
<a href="#">Advanced Drawing (ART131)</a>	10-12	0.5
<a href="#">AP Studio Art (ART17)</a>	10-12	1.0
<b>Business Education</b>		
<a href="#">Keyboarding I (BUS02)</a>	9-12	0.5
<a href="#">Keyboarding II (BUS03)</a>	9-12	0.5
<a href="#">Introduction to Business (BUS18)</a>	9-12	0.5



<a href="#">Entrepreneurship (BUS01)</a>	10-12	0.5
<a href="#">Personal Finance (BUS14)</a>	10-12	0.5
<a href="#">Accounting I (BUS19)</a>	10-12	0.5
<a href="#">Accounting II: Merchandising Business (BUS20)</a>	10-12	0.5
<a href="#">Personal Law (BUS11)</a>	11-12	0.5
<a href="#">Accounting III (BUS21)</a>	11-12	0.5
<b>Computer Science</b> (courses may be offered as on-line and independent)		
<a href="#">Digital Literacy (COM02)</a>	12	0.5
<a href="#">Computer Graphics &amp; Desktop Publishing (COM03)</a>	10-12	0.5
<a href="#">Programming I (COM04)</a>	10-12	0.5
<a href="#">Programming II (COM05)</a>	10-12	0.5
<a href="#">Robotics (COM07)</a>	10-12	0.5
<a href="#">Web Design (COM31)</a>	10-12	0.5
<a href="#">AP Computer Science (COM08.S1 &amp; COM08.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">Advanced Manufacturing (COM11.S1 &amp; 2)</a>	10-12	1.0 (0.5 per semester)
<b>English</b>		
<a href="#">Supplemental ELA (ENG06.S1 &amp; S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">English 9 (ENG021.S1 &amp; S2)</a>	9	1.0 (0.5 per semester)
<a href="#">English 10 - Composition (ENG13)</a>	10	0.5
<a href="#">English 10 - Intro to American Lit (ENG14)</a>	10	0.5
<a href="#">Advanced English 10 Composition (ENG18)</a>	10	0.5
<a href="#">Advanced English 10 American Literature (ENG20)</a>	10	0.5
<a href="#">English 11 (ENG04.S1 &amp; ENG04.S2)</a>	11	1.0 (0.5 per semester)
<a href="#">Creative Writing (ENG11)</a>	11-12	0.5
<a href="#">English 12 (ENG05.S1 &amp; S2)</a>	12	0.5 or 1.0 (can be taken as a semester or year long course)
<a href="#">English 101 Composition (ENG07)</a>	12	0.5
<a href="#">Communications 111 (ENG08)</a>	11-12	0.5



<a href="#">English 214 American Literature (ENG09)</a>	12	0.5
<a href="#">Appreciation of the Drama 161 (ENG10)</a>	11-12	0.5
<b>Family &amp; Consumer Science</b>		
<a href="#">Teen Life (FCE16)</a>	9-10	0.5
<a href="#">Food Today (FCE21)</a>	9-12	0.5
<a href="#">Culinary Arts I (FCE19)</a>	10-12	0.5
<a href="#">Health Occupations 1 (HOC03)</a>	9-12	0.5
<a href="#">Early Childhood Education: Health, Safety &amp; Nutrition (FCE17)</a>	10-12	0.5
<a href="#">Child Growth &amp; Development (FCE18)</a>	10-12	0.5
<a href="#">Culinary Arts II (FCE20)</a>	11-12	0.5
<a href="#">Health Occupations 2 (HOC04)</a>	10-12	0.5
<b>Health</b>		
<a href="#">Health (PE05)</a>	9	0.5
<b>Mathematics</b>		
<a href="#">Supplemental Math (MAT32.S1 &amp; MAT32.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Advanced Geometry (MAT39.S1 &amp; MAT39.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Algebra I (MAT35.S1 &amp; MAT35.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Geometry (MAT36.S1 &amp; MAT36.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Algebra II (MAT37.S1 &amp; MAT37.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Transition to Algebra II (MAT31.S1 &amp; MAT31.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">AP Statistics (MAT05.S1 &amp; MAT05.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Pre Calculus (MAT38.S1 &amp; MAT38.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">AP Calculus AB (MAT06.S1 &amp; MAT06.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">AP Calculus BC (MAT07.S1 &amp; MAT07.S2)</a>	9-12	1.0 (0.5 per semester)



<b>Music</b>		
<a href="#">Concert Band (MUS01.S2 &amp; MUS01.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Mixed Choir (MUS04.S1 &amp; MUS04.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Wind Ensemble (MUS02.S1 &amp; MUS02.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">Treble Clef Choir (MUS03.S1 &amp; MUS03.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">Concert Choir (MUS05.S1 &amp; MUS05.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">Madrigal &amp; Vocal Jazz Ensemble (MUS06.S1 &amp; MUS06.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">Music Theory (MUS07.S1 &amp; MUS07.S2)</a>	11-12	1.0 (0.5 per semester)
<b>Physical Education</b>		
<a href="#">Sports Challenge (PE15)</a>	9-12	0.5
<a href="#">Strength Conditioning &amp; Fitness (PE17)</a>	9-12	0.5
<a href="#">Team Adventure (PE23)</a>	9-12	0.5
<a href="#">Individual &amp; Dual Lifetime (PE24)</a>	9-12	0.5
<a href="#">Aerobics &amp; Individual Lifetime (PE25)</a>	9-12	0.5
<b>School to Careers</b>		
<a href="#">Work Experience (CAR05.S1 &amp; CAR05.S2)</a>	11-12	See description for details
<a href="#">State Certified Youth Apprenticeship (YA02)</a>	11-12	See description for details
<a href="#">Work Based Learning (WBL01.S1 &amp; WBL01.S2)</a>	11-12	See description for details
<a href="#">Teachers Assistant (TA01)</a>	11-12	0.5
<b>Science</b>		
<a href="#">Biology (SCI01.S1 &amp; SCI01.S2)</a>	9-10	1.0 (0.5 per semester)
<a href="#">Chemistry I (SCI04.S1 &amp; SCI04.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">Anatomy/Physiology (SCI05.S1 &amp; SCI05.S2)</a>	11-12	1.0 (0.5 per semester)



<a href="#">Physics (SCI07.S1 &amp; SCI07.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">Ecology (SCI36.S1 &amp; SCI36.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">AP Physics (SCI42.S1 &amp; SCI42.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">AP Biology (SCI25.S1 &amp; SCI25.S2)</a>	12	1.0 (0.5 per semester)
<a href="#">Physics II (SCI33.S1 &amp; SCI33.S2)</a>	12	1.0 (0.5 per semester)
<a href="#">AP Chemistry (SCI35.S1 &amp; SCI35.S2)</a>	12	1.0 (0.5 per semester)
<b>Social Studies</b>		
<a href="#">Global Studies (SOC11.S1 &amp; S2)</a>	9	1.0 (0.5 per semester)
<a href="#">AP Human Geography (SOC23.S1 &amp; SOC23.S2)</a>	9	1.0 (0.5 per semester)
<a href="#">US History (SOC05.S1 &amp; SOC05.S2)</a>	10	1.0 (0.5 per semester)
<a href="#">AP US History (SOC04.S1 &amp; SOC4.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">AP European History (SOC21.S1 &amp; SOC21.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">Economics (SOC06)</a>	11-12	0.5
<a href="#">Sociology (SOC07)</a>	11-12	0.5
<a href="#">Psychology (SOC08)</a>	11-12	0.5
<a href="#">Government (SOC09.S1 &amp; SOC09.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">AP Psychology (SOC91.S1 &amp; SOC91.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">Ancient Civilization (SOC24)</a>	11-12	0.5
<b>Technology Education</b>		
<a href="#">DC Circuit (TEC02)</a>	10-12	0.5
<a href="#">Air Cooled Engine Technology (TEC37)</a>	9-12	0.5
<a href="#">Product Design Skills I (TEC45)</a>	9-12	0.5
<a href="#">Metalworking Foundation (TEC50)</a>	9-12	0.5
<a href="#">Woodworking 101 (TEC83)</a>	9-12	0.5





<a href="#">Home Maintenance (TEC17)</a>	10-12	0.5
<a href="#">MLR 1 (Maintenance and Light Repair) (TEC32)</a>	10-12	1.0
<a href="#">Automotive System Diagnosis (TEC33)</a>	10-12	0.5
<a href="#">Automotive Brakes, Steering &amp; Suspension (TEC34)</a>	10-12	0.5
<a href="#">Basic Car Care (TEC36)</a>	10-12	0.5
<a href="#">Technology &amp; Use of Wood (TEC46)</a>	10-12	0.5
<a href="#">Introduction to Metals Process (TEC51)</a>	10-12	0.5
<a href="#">Machining (TEC54)</a>	10-12	1.0
<a href="#">Architectural Design I (TEC60)</a>	10-12	0.5
<a href="#">Gas Metal Arc Welding Techniques I (TEC70)</a>	11-12	1.0
<a href="#">Engineering Drawing/AutoCAD (TEC18)</a>	11-12	0.5
<a href="#">Advanced Welding &amp; Fabrication Product Development (TEC71)</a>	11-12	0.5
<a href="#">Residential Building Construction (TEC81.S1 &amp; TEC81.S2)</a>	11-12	1.0 or 2.0 (can be taken as a semester or year long course)
<b>Theater Arts</b>		
<a href="#">Drama (FAR01.S1 and FAR01.S2)</a>	9-12	0.5 or 1.0 (can be taken as a semester or year long course)
<a href="#">Advanced Drama (FAR02.S1 &amp; FAR02.S2)</a>	10-12	1.0 (0.5 per semester)
<b>World Languages</b>		
<a href="#">Spanish I (FOR06.S1 &amp; FOR06.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Spanish II (FOR07.S1 &amp; FOR07.S2)</a>	9-12	1.0 (0.5 per semester)
<a href="#">Spanish III (FOR08.S1 &amp; FOR08.S2)</a>	10-12	1.0 (0.5 per semester)
<a href="#">Spanish IV (FOR09.S1 &amp; FOR09.S2)</a>	11-12	1.0 (0.5 per semester)
<a href="#">Spanish V (FOR10.S1 &amp; FOR10.S2)</a>	12	1.0 (0.5 per semester)
<b>Reference Documents/Forms</b>		
<a href="#">AP vs CAPP</a>		
<a href="#">Advanced Course Options</a>		



<a href="#">Early College Credit Program and Start College Now Procedure</a>
<a href="#">Online Learning Options</a>

# Plant Science

## Agriculture, Food, & Natural Resources

**Plant Systems Pathway:** People who work in the Plant Systems pathway study plants and their growth. This helps producers of food, feed and fiber crops continue to feed a growing population while conserving natural resources and maintaining the environment. Individuals in this pathway also develop ways to improve the nutritional value of crops and the quality of seeds. They use genetic engineering to develop crops resistant to pests and drought.

### Career Opportunities:

Agronomist, Chef, Horticulturist, Designer, Landscaper



### Is This You?

- ☐ *I love plants*
- ☐ *I believe thinking for the future*
- ☐ *I like being outside*
- ☐ *I enjoy science & technology*

**Potential to Earn:**  Dual Credits

## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses


**Technical Education**  
Grades 7 or 8

Intro-Level  
Course

**Agriscience 2**  
Grades 9-12

Specialized  
Courses

**Intro to Horticulture**  
Grades 10-12 

**Landscape &  
Floral Design**  
Grades 10-12 

**Food Products & Processes**  
Grades 10-12

Capstone  
Courses

**Advanced Horticulture**  
Grades 11-12

DC - Dual Credit

# Animal Science

## Agriculture, Food, & Natural Resources

**Animal Systems Pathway:** People who work in the Animal Systems pathway work to develop better, more efficient ways of producing and processing meat, poultry, eggs and dairy products. They study genetics, nutrition, reproduction, growth and development of domesticated farm animals. Some individuals inspect and grade livestock food products, purchase livestock or work in technical sales or marketing. Others advise agricultural producers on how to upgrade animal housing facilities properly, lower mortality rates, handle waste matter or increase production of animal products, such as milk or eggs. Animal care workers train, feed, water, groom, bathe and exercise animals. They also clean, disinfect and repair their cages.

### Career Opportunities:

Researcher, Farmer, Veterinarian, Taxidermist,  
Teacher, Inspector

**Potential to Earn:**  Dual Credits



### Is This You?

- ☐ *I am an animal lover*
- ☐ *I am science minded*
- ☐ *I believe in a sustainable future*
- ☐ *I am interested in an evolving industry*

## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Technical Education**  
Grades 7 or 8

Intro-Level  
Course

**Agriscience 1**  
Grades 9-12

Specialized  
Courses

**Veterinary Tools &  
Technology**  
Grades 10-12

**Food Products & Processes**  
Grades 10-12

Capstone  
Courses

**Animal Science  
Fundamentals**  
Grades 10-12



DC - Dual Credit

# Natural Resources Science

## Agriculture, Food, & Natural Resources

**Natural Resources Systems Pathway:** People who work in the Natural Resources Systems pathway perform a variety of tasks from helping to develop, maintain, and manage the forest and natural environment to catching and trapping various types of marine life for human consumption, animal feed, bait and other uses. Forest and rangelands supply wood products, livestock forage, minerals and water; serve as sites for recreational activities; and provide habitats for wildlife. Conservation scientists and foresters manage, develop, use and help protect these and other natural resources.

### Career Opportunities:

Forestry, Engineering, Ecologist,  
Conservation Careers



**Potential to Earn:**  Dual Credits



## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Technical Education**  
Grades 7 or 8

Intro-Level  
Course

**Food Products & Processes**  
Grades 10-12

Specialized  
Courses

**Forestry & Taxidermy**  
Grades 10-12

**Wildlife Management**  
Grades 10-12

Capstone  
Courses

**Outdoor Recreation &  
Natural Resources**  
Grades 11-12



## **AGRISCIENCE**

### **Course Descriptions**

(These courses can apply toward elective credit requirement)

**Course:** AGR20 Agriscience 2    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Agriscience 2 introduces plant science and related agricultural disciplines. This introductory course lets students explore career pathways in the agricultural industry and sample foundational topics from across the agriculture department. Through hands-on labs and investigations, students will examine plant morphology, energy-capture mechanisms (photosynthesis and related processes), environmental factors that influence crop production.

**Course:** AGR21 Agriscience 1    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Agriscience 1 focuses on animal science and genetics. Through classroom instruction and hands-on activities and labs with live animals, students will learn foundational concepts, investigate career paths in the animal science industry, and develop skills that prepare them for advanced departmental courses and future opportunities beyond school.

**Course:** AGR05 Food Products & Processes    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This course explores agricultural food products and processing, giving students hands-on experience in food labs. Students will investigate career pathways in the food industry — including an in-depth look at the meat industry — and learn practical skills in food safety, preservation, and preparation.

**Note:** This class will be offered in alternating years; don't miss out on your opportunity!

**Course:** AGR30 Vet Tools & Technology    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Vet tools and Technology provides a comprehensive exploration of the animal industry, focusing on the diverse products, services, and career opportunities it offers. Students will gain an in-depth understanding of animal body systems and their impact on health, growth, and reproduction. Practical skills in animal health assessments, diagnostic testing, disease prevention, surgical and nonsurgical procedures, and the implementation of animal welfare measures will be emphasized. This course integrates theoretical knowledge with hands-on practical experiences, preparing students for careers in animal science, veterinary care, and related fields. Through a comprehensive curriculum, students will develop the skills and understanding necessary to contribute positively to the health and welfare of animals and the broader animal industry.

**Course:** AGR31 Animal Science Fundamentals (FVTC)    **Credit:** 0.5

**Grade Level:** 10-12    **Required Course Fee:** No    **Prerequisite(s):** No



**Description:** Large Animal Science (FVTC) course provides a comprehensive exploration of the development of the animal industry, emphasizing the types of products, services, and careers that have emerged from its evolution. Students will delve into the intricacies of animal anatomy and physiology, understanding the relationships between components and systems and their impact on animal production and use. Additionally, the course covers biosecurity measures, feed selection, reproductive systems, genetic advancements, safety procedures, and facility design for efficient and ethical animal production. This course integrates theoretical knowledge with practical applications, preparing students for various careers in the dynamic field of animal industry development and management. Through case studies, hands-on activities, and industry-relevant projects, students will develop the skills necessary to contribute to the ethical, sustainable, and efficient production of animals and animal products.

**Note:** FVTC Dual Credit course

**Course:** AGR40 Landscape & Floral Design    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Agriscience 1 (AGR21) or Agriscience 2 (AGR20) recommended

**Description:** This course is designed to provide students with a comprehensive understanding of plant propagation techniques, plant production scheduling, and principles of floral design. Students will learn production schedules based on environmental conditions, evaluate storage requirements for plants and plant products, and explore the artistic principles and techniques of floral design. Through hands-on activities, design projects, and industry-relevant experiences, students will develop the skills needed to succeed in the dynamic field of floriculture and plant science.

**Course:** AGR41 Introduction to Horticulture (FVTC)    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Introduction to Horticulture (FVTC) is designed to provide students with a comprehensive understanding of agricultural plant classification and growth management strategies. Students will explore hierarchical classification systems, life cycles, and uses of agricultural plants, as well as implement plans for optimal plant growth, nutrient management, and crop loss reduction. Additionally, the course covers various plant growing systems and horticultural design principles, concluding with insights into professional development within the industry. Through a combination of theoretical knowledge and hands-on activities, this course aims to equip students with the skills and understanding necessary for successful plant management, agricultural design, and career development within the industry.

**Note:** FVTC Dual Credit course

**Course:** AGR43 Advanced Horticulture    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No

**Prerequisite(s):** Introduction to Horticulture (AGR41) or Landscape and Floral Design (AGR40)

**Description:** Advanced Horticulture focuses on the principles and practices of plant growth management and horticultural design. Students will learn to design, implement, and evaluate plans for maintaining healthy conditions for plant growth. The course covers nutrient management, plant production scheduling, reasons for controlling plant growth, techniques for growth control, material selection for design, and principles of horticultural design. Additionally, students will explore various plant growing systems, including greenhouse, hydroponics, and aquaponics. Through a combination of theoretical knowledge and hands-on activities, this course aims to equip students with the skills and



understanding necessary for effective plant growth management and creative horticultural design. Students will engage in practical applications, design projects, and discussions to develop a holistic approach to plant care and design principles.

**Note:** This class will be offered in alternating years; don't miss out on your opportunity!

**Course:** AGR50 Forestry & Taxidermy    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Forestry and Taxidermy provides students with a comprehensive understanding of natural resources, focusing on sustainable management practices and conservation strategies. Students will explore the uses of tree species, techniques for harvesting forest products, and the identification of predominant species. Students will engage in invasive species management, disease reporting, and the development of timber stand improvement plans. Additionally, the course covers safety practices, the handling of biohazard materials, wildlife and aquatic species harvesting in the art of taxidermy. Through a combination of theoretical knowledge and practical application, this course aims to equip students with the skills necessary for responsible and sustainable natural resource management and conservation. Students will engage in hands-on activities, fieldwork, and case studies to develop a holistic understanding of managing and preserving natural resources. Students are required to acquire their own taxidermy specimens which will be discussed in class.

**Note:** This class will be offered in alternating years; don't miss out on your opportunity!

**Course:** AGR51 Wildlife Management    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Wildlife management provides students with a comprehensive understanding of environmental service systems, water characteristics influencing the biosphere, and issues related to the conservation and preservation of natural resources. Students will explore Wisconsin laws associated with environmental service systems, conduct surveys to identify predominant species, research and debate current conservation issues, and compare the interdependence of organisms within ecosystems. Additionally, the course covers wildlife species comparison, aquatic field inventory experiences, methods to improve marine and coastal resources, watershed functions, factors influencing invasive species, and techniques for harvesting wildlife and aquatic species. Through a combination of theoretical knowledge and experiences this course aims to provide students with a well-rounded understanding of environmental service systems and natural resource conservation. Students will engage in hands-on activities, research projects, and discussions to develop critical thinking and problem-solving skills in the context of environmental and conservation issues.

**Note:** This class will be offered in alternating years; don't miss out on your opportunity!

**Course:** AGR53 Outdoor Recreation & Natural Resources    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No

**Prerequisite(s):** Forestry & Taxidermy (AGR50) and Wildlife Management (AGR51)

**Description:** This course explores the principles and practices of outdoor recreation and the sustainable management of natural resources. Students will engage in a variety of hands-on activities, including exploration, outdoor skills development, and environmental stewardship, while learning about ecosystems, wildlife conservation, and land management. Through experiential learning, participants will develop essential skills for outdoor leadership, safety, and responsible resource use. This course





aims to foster a deeper appreciation for nature and empower students to become advocates for sustainable practices in their communities. Students will go through the DNR courses of Snowmobile Safety, ATV Safety and Boaters Safety. The cost to receive the certification is 10 dollars per course. (Students who already have these certifications will still be going through the course and taking the test but do not need to pay the 10 dollars.)

# Art

The Waupaca High School Visual Arts department offers its students many opportunities to develop their creativity and skills in art. Fundamentals of Art is designed to provide a foundation for advanced courses. Emphasis is placed on a variety of media experiences including: drawing, painting, ceramics, and sculpture. After successful completion, students move to intermediate courses based on their interests; these include: 2D Art, 3D Art, Ceramics and Drawing. In all courses, students develop their skills, learn and practice incorporating elements and principles of design, art studio habits, social, cultural and historical awareness, and critiquing artwork. As a junior or senior, if students have successfully completed at least 3-4 art courses and have approval from the teacher, they can take AP Studio Art. This is a year-long course where students continue to develop the skills that artists and designers use; they will create a portfolio of work which they submit to the College Board for an AP score and possible college credit. Whether students are interested in pursuing art as a career, or a hobby, the visual arts department has something for everyone.

## Career Opportunities:

Museum Curator, Illustrator, Graphic Designer, Tattoo Artist, Interior Designer

## Potential to Earn:

Art Club

PHOTO CLUB

### Is This You?

- ☐ I am creative
- ☐ I am open-minded
- ☐ I am self motivated
- ☐ I can be observant

## Course Work in this Career Pathway

Exploration  
Course

**Fundamentals of  
Art & Design**  
Grades 9-12

Intro-Level  
Course

**Ceramics**  
Grades 10-12

**Drawing**  
Grades 10-12

**2D Art**  
Grades 10-12

**3D Art**  
Grades 10-12

Specialized  
Course

**Advanced Ceramics**  
Grades 10-12

**Advanced Drawing**  
Grades 10-12

**Advanced 2D Art**  
Grades 10-12

**Advanced 3D Art**  
Grades 10-12

Capstone  
Course

**Studio Art**  
Grades 11-12  
AP

AP - Advanced Placement



## **ART** **Course Descriptions**

(These courses can apply toward elective credit requirement)

**Course:** ART01 Fundamentals of Art & Design    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Fundamentals of Art & Design is an introductory art course where you will explore the basics of the elements & principles of art and design. You will learn about a variety of different media such as drawing, painting, printmaking, ceramics, and sculpture. General art processes and techniques needed for future art courses will be practiced. You will also conduct research to learn about art history and contemporary artists, complete sketchbook assignments, and critique artwork. This course sets the foundation, and is a prerequisite, for all other art courses.

**Course:** ART08 2D Art    **Credit:** 0.5    **Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Fundamental of Art & Design (ART01)

**Description:** 2D art includes any media which is applied to a flat surface such as watercolor, acrylic, collage, ink, marker, pencil, charcoal, pastel, printmaking, digital art, mixed media, etc. Emphasis is placed on basic drawing skills followed by allowing students to try out a variety of different media, tools and materials in new and creative ways. Sketchbook assignments in this course are designed to help investigate, practice, experiment, plan, and reflect on your artwork.

**Course:** ART04 Ceramics    **Credit:** 0.5    **Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Fundamental of Art & Design (ART01)

**Description:** Ceramics specializes in traditional clay hand building methods and wheel throwing techniques. You will learn how to create a variety of functional and sculptural pieces of art. A range of surface decoration and glazing techniques will be used. Projects may include mugs, bowls, plates, vases, and sculpture. Sketchbook assignments in this course are designed to help investigate, practice, experiment, plan, and reflect on your artwork.

**Course:** ART09 3D Art    **Credit:** 0.5    **Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Fundamental of Art & Design (ART01)

**Description:** 3D art includes any media which is constructed into sculptural forms and viewed from all sides (not 2D or flat), such as metal, wire, paper, cardboard, found objects, plaster, leather, glass, wood, fabric, etc. Emphasis is placed on learning basic sculptural skills and experimenting with a wide variety of media, tools and materials in creative ways. Sketchbook assignments in this course are designed to help investigate, practice, experiment, plan, and reflect on your artwork.



**Course:** ART13 Drawing    **Credit:** 0.5    **Grade Level:** 10 -12    **Required Course Fee:** No

**Prerequisite(s):** Fundamental of Art & Design (ART01)

**Description:** Drawing specializes in various drawing media such as pencil, charcoal, chalk pastel, oil pastel, colored pencil and pen. Emphasis is placed on drawing techniques, tools and materials. Projects may include still life, figure/portrait, landscape, animal and expressive pieces. Sketchbook assignments in this course are designed to help investigate, practice, experiment, plan, and reflect on your artwork.

**Course:** ART10 Advanced 2D Art    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Completion of 2D Art (ART03) with a grade of B or better.

**Description:** Advanced 2D Art is only offered during the spring semester. Advanced courses are designed to deepen your understanding, and expand your knowledge of techniques, themes, and strategies in the production of art. You will follow a curriculum that includes topics such as collaboration, abstraction, hyper realism, and expression. Research of art history and art theory is a requirement of this course, along with monthly sketchbook checks. Sketchbook checks include recording your process and research for each project, experimenting with new techniques, and creating mini artworks. Students will also have the opportunity to earn an individual or shared showcase at one of the WHS Art Shows.

**Course:** ART41 Advanced Ceramics    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Completion of Ceramics (ART04) with a grade of B or better.

**Description:** Advanced courses are designed to deepen your understanding, and expand your knowledge of techniques, themes, and strategies in the production of art. You will follow a curriculum that includes topics such as collaboration, abstraction, hyper realism, and expression. Research of art history and art theory is a requirement of this course, along with monthly sketchbook checks. Sketchbook checks include recording your process and research for each project, experimenting with new techniques, and creating mini artworks. Students will also have the opportunity to earn an individual or shared showcase at the WHS Art Show.

**Course:** ART11 Advanced 3D Art    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Completion of 3D Art (ART17) with a grade of B or better.

**Description:** Advanced courses are designed to deepen your understanding, and expand your knowledge of techniques, themes, and strategies in the production of art. You will follow a curriculum that includes topics such as collaboration, abstraction, hyper realism, and expression. Research of art history and art theory is a requirement of this course, along with monthly sketchbook checks. Sketchbook checks include recording your process and research for each project, experimenting with new techniques, and creating mini artworks. Students will also have the opportunity to earn an individual or shared showcase at the WHS Art Show.

**Course:** ART131 Advanced Drawing    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Completion of Drawing (ART13) with a grade of B or better.



**Description:** Advanced courses are designed to deepen your understanding, and expand your knowledge of techniques, themes, and strategies in the production of art. You will follow a curriculum that includes topics such as collaboration, abstraction, hyper realism, and expression. Research of art history and art theory is a requirement of this course, along with monthly sketchbook checks. Sketchbook checks include recording your process and research for each project, experimenting with new techniques, and creating mini artworks. Students will also have the opportunity to earn an individual or shared showcase at the WHS Art Show.

**Course:** ART17 AP Studio Art    **Credit:** 1

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Successful completion of three (3) semesters of art & teacher approval. **At least one of the three art courses must be an advanced level course. This course runs during two consecutive periods of the day during semester 1.**

**Description:** This course is designed to be the equivalent of a one-semester introductory college course in art and design and is for those who are prepared to take on the challenge of exploring art making of their choosing at a higher level. AP Art and Design students will develop the skills that artists and designers use. Skills learned include investigating the materials, processes, and ideas that artists and designers use; practicing, experimenting, and revising as you create your own work; and communicating your ideas about works of art and design. This course may be taken up to two times, each with a different focus of either AP 2D Art & Design, AP 3D Art & Design, or AP Drawing.

**Note:** Advanced Placement - College credit can be earned by submitting a portfolio of work for review at your own cost.

# Business Education

**Human Resources Management:** Human Resources Management focuses on the staffing activities that involve planning, recruitment, selection, orientation, training, performance appraisal, compensation, and safety of employees.

**Administrative Support:** Administrative Support facilitates business operations through a variety of administrative and clerical duties including information and communication management, data processing and collection, and project tracking.

## Career Opportunities:

Accountant, Business Management,  
Financial Planner



### Is This You?

- ☐ *I like to solve puzzles*
- ☐ *Communication is key*
- ☐ *I am a team player*
- ☐ *I enjoy a fast pace*

**Potential to Earn:**  Dual Credits

## Course Work in this Career Pathway

Required  
Course

### Personal Finance

Grades 10-12

This is a required class for the class of 2028 forward.

Intro Level  
Course

### Accounting I

Grades 10-12

### Keyboarding I

Grades 9-12

### Intro to Business

Grades 9-12

Specialized  
Courses

### Accounting II

Grades 10-12

### Keyboarding II

Grades 10-12

Capstone  
Courses

### Accounting III

Grades 11-12

Recommended  
Courses for 4-Year  
Programs

### Personal Law

Grades 11-12

### Entrepreneurship

Grades 10-12

DC - Dual Credit



## Business Education Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** BUS02 Keyboarding I    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Improve typing skills! Learn how to set up emails and memorandums, both types of letters, tables, and special lists – all those things you will use in high school and beyond. You have a great opportunity to improve your speed and accuracy at the keyboard. It is strongly recommended that you take Keyboarding I as early as possible.

**Course:** BUS03 Keyboarding II    **Credit:** 0.5    **Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Keyboarding I (BUS02)

**Description:** In Keyboarding II, you have the opportunity to be an expert in your skills at the keyboard. You will learn more advanced formatting skills and you can become very capable at producing the documents you need in school and in life. When you strive to be successful in this course, you will have developed a life skill that will always be there for you when you need it.

**Note:** This class will be offered in alternating years; don't miss out on your opportunity! This course will be available in 2026/2027.

**Course:** BUS18 Introduction to Business    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** You will be introduced to the world of business with an emphasis on entrepreneurship. You will become familiar with the concepts of a global economy and private enterprise system. Throughout the semester, we may hear from guest speakers from the area and may have a field trip to a local business to reinforce what we are studying and gain further insight into the real world of business.

**Course:** BUS01 Entrepreneurship    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Students will set up the management of a business operation; make money! Students will explore business policies, design a business plan, learn the fundamentals of an advertising campaign, and create a company. Local entrepreneurs will be guest speakers to share their business ventures and expertise. Students will create their own resume and cover letter, as well as complete an interview with human resource personnel. Let's learn and make some money!



**Course:** BUS14 Personal Finance    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Personal Finance teaches you how to survive and thrive in the real world! Together, we'll dive into the real world of money, including jobs and paychecks in high school, career planning, budgeting, managing a bank account, paying for college or an alternative to college, renting your first apartment, managing credit, avoiding common financial mistakes, saving for the future, investing for retirement, insuring your most valuable assets, and more. This course utilizes engaging games and projects so you can practice the skills you'll need to manage your personal finances throughout your life, not just read or hear about them. Even better, this course often kickstarts lots of helpful money conversations with your loved ones. That's a win-win.

**Note:** This course is required for students graduating in 2028 and beyond.

**Course:** BUS19 Accounting I: Services Businesses    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** You will learn about accounting careers and the accounting cycle for a service business owned by a sole proprietor. You will learn how to use computers to automate the accounting cycle-as well as learn how it works with pencil and paper! You will also become an accountant for a business by completing a practice set. Planning on a business major after high school? This is a great place to start!

**Course:** BUS20 Accounting II: Merchandising Business    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Accounting I: Service Businesses (BUS19)

**Description:** This is a continuation of the first semester of Accounting I. You will learn about the accounting cycle for a merchandising business. Still planning on a business major after high school? Don't miss taking this course if you are. It will make your accounting requirement much easier!

**Course:** BUS11 Personal Law    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This course allows you to learn a little about how the law affects your life. How does the law affect you as a minor? What do you need to know when you rent your first apartment? What do you need to know about insurance? Once you learn about the court system, civil law, and criminal law, we will move on to a little study in ethics, minors and the law, family law, landlords and tenants, and insurance. You will leave this class with some base of knowledge as to your rights and responsibilities within society and its laws.

**Course:** BUS21 Accounting III    **Credit:** 0.5    **Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** Accounting II: Merchandising Business (BUS20)

**Description:** During this one semester course, you will learn to apply the principles of Accounting I and II and be involved in advanced accounting procedures using both a manual system as well as using technology to automate sections of the process.



# Computer Science

**Information Support and Services:** Careers in Information Support and Services involve IT deployment, including implementing computer systems and software, providing technical assistance and managing information systems.

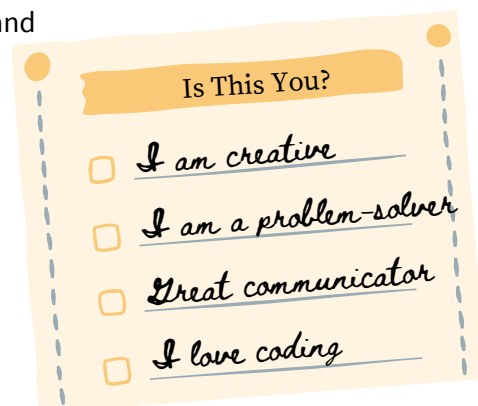
**Programming and Software Development:** Careers in Programming and Software Development involve the design development implementation and maintenance of computer systems and software, requiring knowledge of computer operating systems, programming languages and software development.

**Web and Digital Communications:** Careers in Web and Digital Communications involve creating, designing and producing interactive multimedia products and services, including development of digitally-generated or computer-enhanced media used in business, training, entertainment, communications and marketing.

## Career Opportunities:

IT Support Technician, Programmer, Media Specialist

**Potential to Earn:**  Dual Credits



## Course Work in this Career Pathway

Required  
Course

### Digital Literacy

Grades 12

This course is **ONLY** required for the  
class of 2027

Intro-Level  
Courses

**Computer Graphics &  
Desktop Publishing**  
Grades 10-12

**Web Design**  
Grades 10-12

**Programming I**  
Grades 10-12

**Robotics**  
Grades 10-12

Specialized  
Courses

**Advanced  
Manufacturing**  
Grades 10-12

**AP Computer  
Science A**  
Grades 11-12

**Programming II**  
Grades 10-12

**Robotics**  
Grades 10-12

Capstone  
Courses

DC - Dual Credit



## Computer Science Course Descriptions

(Digital Literacy is required to graduate; all other courses may be offered as on-line and independent and apply toward elective credit requirement)

**Course:** COM02 Digital Literacy    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Digital Literacy is a one-semester course required for graduation. In this course students learn to solve problems using computer applications. Students learn about digital citizenship in order to prepare and function in a digital world. This course has a substantial financial literacy component that uses spreadsheets to solve problems such as budgeting and loan amortization. We will use word processing, spreadsheets, presentation software, and graphic design to cover financial literacy topics. In addition, students will get experience using a PC in the classroom. Students gain computer and financial skills that will be applicable to any career path they choose.

**Note:** This is a required course for **ONLY** the class of 2027. Some curriculum is shared with Personal Finance.

**Course:** COM03 Computer Graphics & Desktop Publishing    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** In this course students will learn the principles of graphic design and layout. Students will be using digital graphics software such as Photoshop to create memes, logos, flyers, magazine spreads, posters, and advertisements. You will also learn about the elements of graphic design such as use of lines, spacing, texture, color, movement, balance, emphasis, and unity. This course is recommended for students who want to learn more about digital art and design or who are considering a career in graphic art or commercial art.

**Course:** COM04 Programming I    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This course introduces the student to the world of writing computer programs. You will learn the basics of creating your own computer programs with JavaScript. Students will learn about variables, control structures, loops, arrays, and functions. We will use code to draw 2D graphics on the computer screen, and by the end of the semester we will be making a game or interactive graphical display! Students will also learn to prototype algorithms and document code. If you are thinking about a career in engineering, computer science, business, mathematics, science, or you are a fan of gaming then this course is for you!

**Note:** This is a Dual Credit Course with FVTC. Students have the opportunity to earn 1.0 FVTC credit for Concepts of Programming.

**Course:** COM05 Programming II    **Credit:** 0.5    **Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Programming I (COM04)

**Description:** This course is a continuation of Programming I. While working on different games and graphics projects, students will learn more advanced programming concepts such as object-oriented programming(classes, objects, and JSON), multi-dimensional arrays, exception handling, string



manipulation, and performance optimization. Students will also get an opportunity to learn another programming language other than JavaScript such as Python or Java. Programming II prepares the serious student for a future career in computer science. It is recommended to take Programming I and II in the same school year. If you are thinking about a career in engineering, computer science, business, mathematics, science, or you are a fan of gaming then this course is for you!

**Course:** COM07 Robotics **Credit:** 0.5 **Grade Level:** 10-12

**Required Course Fee:** No **Prerequisite(s):** No

**Description:** Students will work in teams to build a robot to compete in challenges with other teams' robots. Challenges will be competitive but also cooperative. They will use an engineering design process to iterate and problem solve. They will be constructing, wiring, testing, and controlling a robot chassis with attached manipulator mechanisms to interact with physical game objects. The robots are programmed using a visual block-based version of Java, so no previous programming experience is necessary.

**Course:** COM11.S1 & COM11.S2 Advanced Manufacturing

**Credit:** 1.0 (Full year - 0.5 per semester) **Grade Level:** 10-12

**Required Course Fee:** No **Prerequisite(s):** No

**Description:** This course provides students with hands-on experience in the technologies driving modern industry. Students will work with robotic arms, sensors, conveyors, and control systems to understand automation in real-world production environments. They will design and fabricate parts using CAD software, 3D printers, and CNC machines, while also practicing precision techniques on manual mills and lathes. The course culminates in a capstone automation project where students integrate robotics and manufacturing processes to solve a real-world challenge. Skills developed in this course align with Wisconsin's advanced manufacturing career pathways and prepare students for opportunities in engineering, skilled trades, and technical college programs.

**Course:** COM31 Web Design **Credit:** 0.5 **Grade Level:** 10-12

**Required Course Fee:** No **Prerequisite(s):** No

**Description:** In this course you will learn how to create web pages from scratch. Students learn how to use several computer scripting and programming languages including: HTML5, JavaScript, and CSS3. You will learn to design web page elements such as headers, navigation menus, and home pages. We will also cover topics about digital retouching, typography, animations, handling user input, site maps, and color palettes. If you are thinking of a career in computer science, business, or engineering then this course is for you!



**Course:** COM08.S1 & COM08.S2 AP Computer Science A

**Credit:** 1.0 (Full year - 0.5 per semester)    **Grade Level:** 11-12

**Required Course Fee:** No fee for taking the course. There is a fee if the student chooses to take the *optional* AP test.

**Prerequisite(s):** Must have passed both semesters of Algebra II, or consent of the instructor.

**Description:** AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

**Note:** No programming experience is necessary, but students who have taken Programming I or II will have an advantage. This course is equivalent to a first-semester college or technical school course in computer science.

# English

Throughout your high school career, you will need to take 4 credits of English/Language Arts. You will read texts in a variety of genres that appeal to many interests, write for several purposes and audiences, and speak to inform and persuade. In addition to earning high school credit, you may take any number of our four CAPP (Cooperative Academic Partnership Program) courses to earn college credits through UW-Oshkosh or advanced standing through Fox Valley Technical College. All ELA courses are designed to help develop your academic and creative reading and writing skills.

## Career Opportunities:

Journalist, Teacher, Copywriter  
Copy Editor, Technical Writer

**FORENSICS  
TEAM**

**Potential to Earn:**  Dual Credits

## Is This You?

- ☐ *I like to express my opinions*
- ☐ *I like to put feeling into words*
- ☐ *I enjoy reading*
- ☐ *I want to communicate clearly*

## Course Work in this Career Pathway

Grade 9

**English 9**

**Supplemental**

Teacher Recommendation

Grade 10

**English 10**  
Composition  
Literature

**Advanced English 10**  
Composition  
Literature

**Supplemental**

Teacher Recommendation

Grade 11

**English 11**

**Theater 161**



**Comm 111**



Grades 11-12

Grade 12

**English 12**

**English 214**  
DC

**Creative Writing**

**English 101**



DC - Dual Credit



## English Course Descriptions

(These courses apply toward required credits)

**Course:** ENG06.S1 & ENG06.S2 Supplemental ELA    **Credit:** 1.0 (Course is a full year - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Placement in this course will be determined by assessments and teacher recommendation.

**Description:** Supplemental ELA is designed to support students who lack ELA confidence due to missing foundational ELA skills and application abilities. This course will build students' ELA skills so that they will be successful in their current and future English courses. When students successfully complete this course, they will earn elective credit.

**Note:** This course counts as an Elective credit.

**Course:** ENG21.S1 & S2 English 9    **Credit:** 1.0 (Course is a full year - 0.5 per semester)

**Grade Level:** 1.0 (Course is a full year - 0.5 per semester)    **Required Course Fee:** No

**Description:** In English 9, students will engage in a variety of reading, writing, and speaking tasks while exploring complex themes through literature, expressing their thoughts and ideas through creative expression, and emphasizing the importance of their passions through self-guided research. This mandatory course for all freshmen builds a solid skills foundation for their future success in high school classes and beyond..

**Course:** ENG13 English 10 – Composition    **Credit:** 0.5    **Grade Level:** 10

**Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** If you take this course, you must also take English 10 - Intro to American Lit (ENG14)

**Description:** Get ready to write! English 10 Composition equips all sophomores with the writing skills necessary for academic and career success. Students will plan, draft, revise, edit, and publish a variety of short- and long-form texts; participate in conferences with peers and the teacher; and reflect upon their growth as a writer. Students will learn about grammar concepts and apply those concepts in their own writing.

**Class:** ENG14 English 10 - Intro to American Lit    **Credit:** 0.5    **Grade Level:** 10

**Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** If you take this course, you must also take English 10 - Composition (ENG13)

**Description:** This reading-centered semester course required for all sophomores will trace the development of the distinctive tone of American literature through the last 300 years. Students will analyze and discuss the tone and theme of landmark American fiction, nonfiction, and poetry, creating an understanding of how culture affects literature and how literature affects culture.



**Course:** ENG18 Advanced English 10 Composition    **Credit:** 0.5    **Grade Level:** 10

**Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** If you take this course, you must also take English 10 - Intro to American Lit (ENG14) or Advanced English 10 American Literature (ENG20)

**Description:** While the same standards will be addressed in English 10 Composition, the approach, depth, speed, and expectations of work will be more rigorous in English 10 Advanced Composition. Students will have the opportunity to extend their learning in each unit by completing additional writing tasks, as well as explore additional texts and more complex writing tasks.

**Course:** ENG20 Advanced English 10 American Literature    **Credit:** 0.5    **Grade Level:** 10

**Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** If you take this course, you must also take English 10 - Composition (ENG13) or Advanced English 10 Composition (ENG18)

**Description:** While the same standards will be addressed in English 10 American Literature, the approach, depth, speed, and expectations of work will be more rigorous in Advanced English 10 American Literature. For example, students will be asked to draw more in-depth connections between their readings, history, and modern culture. In addition, assessments will ask students to display more of the "How do they know" rather than the "What do they know."

**Course:** ENG04.S1 & ENG04.S2 English 11    **Credit:** 1.0 (Course is a full year - 0.5 per semester)

**Grade Level:** 11    **Required Course Fee:** No    **Corequisite(s):** You must take both semesters.

**Description:**

***Journeys***

Buckle up and prepare to journey forth with the great authors of world literature and experience the Hero's Journey in Dante's Inferno, Homer's Odyssey, and other exciting mythological quests. Students will also examine their own life journey by investigating post-secondary options and creating resumes. Rigorous, analytical writing could include the definition essay, literary analysis, an epic poem, and reflections. In addition, grammar and mechanics will be taught and reviewed in preparation for the ACT grammar section. This first semester course is required for all juniors.

***Pride, Power, Prejudice and Persuasion***

The second semester required course for all juniors examines the downfalls of pride, the desire for power, and the effects of prejudice, as seen in Shakespeare's Macbeth, Wiesel's Night, and in various multicultural novels. Students will learn and apply the art of persuasion in a character analysis essay and in the research paper project. In addition, reading strategies will be taught and practiced in preparation for the ACT reading section.

**Note:** Eligible juniors who are interested may take a CAPP course and/or Creative Writing in addition to English 11.

**Course:** ENG11 Creative Writing    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** Must have completed English 9 (ENG01 & ENG02) and English 10 (ENG13 & ENG14)

**Description:** This course will focus on creating a community of writers who freely use their language



talents for community enrichment and growth. A rigorous regimen of reading, writing, and reflection; students will publicly share writings. Students will create goals, write, and share their unique perspectives on focused assignments or issues, including a broad range of genres not typically covered in the academic classroom. Students should have an above average writing ability and be self-motivated learners.

**Course:** ENG05.S1 & ENG05.S2 English 12

**Credit:** 0.5 or 1.0 (Taken as a semester or year long course) **Grade Level:** 12

**Required Course Fee:** No **Prerequisite(s):** No

**Description:** English 12 is a course designed for those students who may anticipate attending college or a post-secondary school after graduation. Emphasis is placed in three areas: vocabulary building, essay writing, and a survey of contemporary literature.

**Course:** ENG07 English 101 Composition **Credit:** 0.5 **Grade Level:** 12

**Required Course Fee:** If taken course for UW Oshkosh credits there could be a fee for this class. Fees have ranged from \$90/credit to \$134/credit. Fees have not been set for the next school year.

**Prerequisite(s):** No

**Description:** Do you think the world will end with a bang or a whimper? Although humanity has survived Y2K and the year 2012, many people still believe we are living in the end of times. Over the course of the semester, students will read both science fiction and science fact regarding the demise of our civilization and explore doomsday scenarios from asteroids hitting the earth to zombies eating our brains. They will write research-based essays on these same topics. The goals of this WBIS (Writing-Based Inquiry Seminar) program are to have students develop their writing, critical thinking, and analytical reading skills.

**Note:** When you complete this course with a B or better, you'll earn 3.0 CAPP (Cooperative Academic Partnership Program) UW Oshkosh Transcribed Credits (English 101 - College English I)

**Course:** ENG08 Communications 111 **Credit:** 0.5 **Grade Level:** 11-12

**Required Course Fee:** If taken course for UW Oshkosh credits there could be a fee for this class. Fees have ranged from \$90/credit to \$134/credit. This class is 3 college credits. Fees have not been set for the next school year.

**Prerequisite(s):** No

**Description:** Let your voice be heard in this rigorous, college-level speaking and communications course. Students will tackle engaging college-level content while finding their own voices. The course includes an intensive focus on the role speech plays in our modern society and the importance of both establishing credibility as a speaker and evaluating credibility as a listener. Students will prepare and deliver five to six speeches through the course of the semester, complete research both on student-selected and instructor-selected topics, and demonstrate strong understanding of high quality speech through written reflections and evaluations.

**Note:** When you complete this course, you'll earn 3.0 CAPP (Cooperative Academic Partnership Program) UW Oshkosh Transcribed Credits (Communications 111 - Fundamentals of Speech Communication)





**Course:** ENG09 English 214 American Literature    **Credit:** 0.5    **Grade Level:** 12

**Required Course Fee:** If taken course for UW Oshkosh credits there could be a fee for this class. Fees have ranged from \$90/credit to \$134/credit. Fees have not been set for the next school year.

**Prerequisite(s):** None

**Description:** This course explores the events, people, and literature that have helped shape America since the Civil War. In this survey course, students will be looking at an overview of literary tradition, the historical influences, and the recurring themes. Works are chosen to represent diverse ethnic, racial, and social groups in historical, political, and economic contexts for what they reflect and reveal about the evolving American experience and character. Representative works from the Regional, Realist and Naturalist movements, the Harlem Renaissance, WWI and WWII eras, Southern Gothic, and feminist expression will be examined. Students will also read the following novels: Freeman, My Antonia, The Great Gatsby, and Unbroken. This course is writing intensive.

**Note:** CAPP (Cooperative Academic Partnership Program) UW Oshkosh - When you complete this course with a B or better, you'll earn 3.0 UW-Oshkosh Transcribed Credits (English 214 - American Literature II)

**Course:** ENG10 Appreciation of the Drama 161    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** If taken course for UW Oshkosh credits there could be a fee for this class. Fees have ranged from \$90/credit to \$134/credit. Fees have not been set for the next school year.

**Prerequisite(s):** No

**Description:** Come enter the exciting world of plays! No theatre background necessary.

The course's objectives are to describe what theatre is, understand the language of theatre, evaluate key people in theatre, view and critique professional productions, and understand theatre's impact in history and in society. We will read plays, attend live productions, and write critiques of these productions.

**Note:** When you complete this course with a B or better, you'll earn 3.0 UW-Oshkosh Transcribed Credits (Theatre 161 - Introduction to Theatre)

# Health Science

## Family & Consumer Sciences

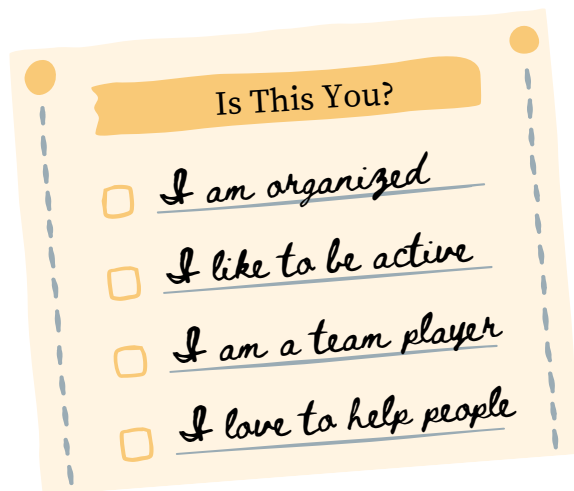
**Support Services Pathway:** Careers in the Support Services pathway provide a therapeutic environment for the delivery of health care. Support Services offers a full range of career opportunities from entry level to management, including technical and professional careers.

### Career Opportunities:

Nurse, phlebotomist, medical lab technician, physical therapist



**Potential to Earn:**  CNA Certification



## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Family & Consumer Sciences**  
Grades 7 or 8


Intro-Level  
Course

**Health Occupations 1**  
Grades 9-12

Specialized  
Courses

**Health Occupations 2**  
Grades 10-12

Capstone  
Courses

**Certified Nursing Assistant\***  
Grades 10-12  
 CNA Certification

\*Course available through [Quality CNA Training](#); Pass/Fail grading

# Education, Training & Human Services

## Family & Consumer Sciences

### **Education & Training Pathway:**

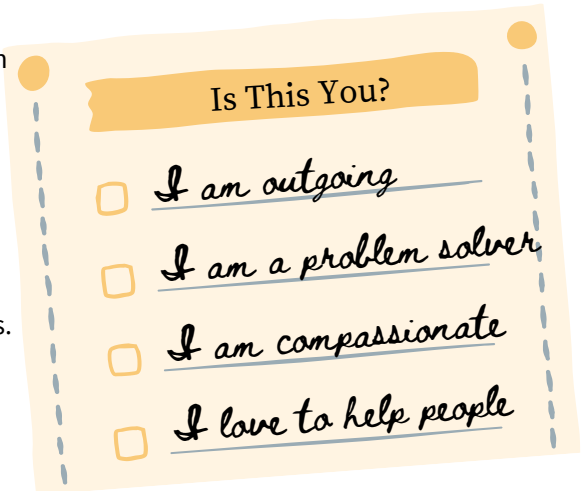
*Administration and Administrative Support Pathway:* Smooth operation of any education or training institution requires competent administration. Administrators provide direction, leadership and day to-day management of educational activities in schools, daycare centers, colleges, & businesses .

*Teaching and Training Pathway:* Teachers and trainers must have the ability to communicate, inspire trust and confidence, motivate learners, as well as understand their educational and emotional needs. Teachers must be able to recognize and respond to individual differences in diverse learners and employ different teaching/training methods that will result in higher learner achievement.

### **Career Opportunities:**

K-12 Teacher, School Counselor, Early Childhood educator, Coach or Trainer,

**Potential to Earn:**  Dual Credits



## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Family & Consumer Sciences**  
Grades 7 or 8


Intro-Level  
Course

**Teen Life**  
Grades 9-12

Specialized  
Courses

**Child Growth & Development**  
Grades 10-12 

Capstone  
Courses

**Early Childhood Health, Safety & Nutrition**  
Grades 10-12 

DC - Dual Credit

# Hospitality & Tourism

## Family Consumer Sciences

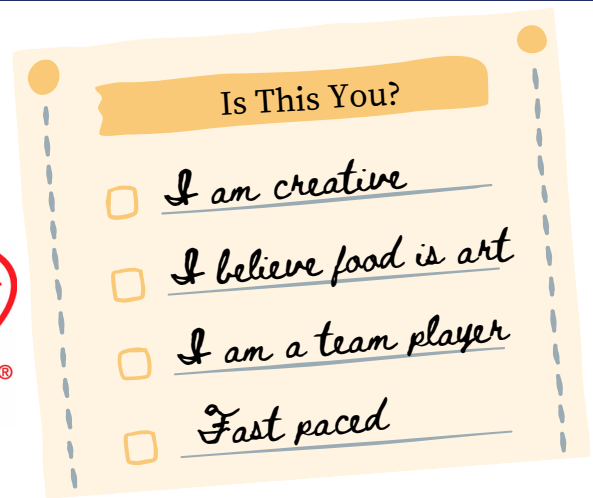
### **Hospitality & Tourism Pathway:**

Employees working in the Restaurant and Food/Beverage Services pathway perform a variety of tasks to maintain operations and promote guest services in eating and drinking establishments.



### **Career Opportunities:**

Chef, restaurant manager, hotel manager  
baker, concierge



**Potential to Earn:**  Dual Credit

## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Family & Consumer Sciences**  
Grades 7 or 8


Intro-Level  
Course

**Food Today**  
Grades 9-12

Specialized  
Courses

**Culinary Arts I**  
Grades 10-12

Capstone  
Courses

**Culinary Arts II**  
Grades 11-12 

DC - Dual Credit; Students must complete the series of courses to receive dual credit.

# Certified Nursing Assistant

## Quality CNA Training

### **Course Length:** 75 hours

This Nurse Aide Training course trains individuals in the art of caregiving, focusing on the five principles of care that should inform every decision a caregiver makes:

- Safety
- Privacy
- Dignity
- Independence
- Communication

### **Paperwork to be Completed Before Class Starts for Quality CNA Training Admission**

- Pick up application and turn in no later than 1 week before upcoming class begins

### **Paperwork to be Completed for Quality CNA Training**

- Application
- 2 step TB skin testing
- Flu Shot
- Covid Vaccination
- Caregiver & Criminal Background Check

### **Course Requirements**

- There is a 100% attendance requirement for the Nursing Assistant class and clinical days.
- Students must pass the class

### **Clinical**

Each student will complete two sessions of clinical. Students may be assigned to Group 1 or Group 2 for clinical sessions, based on class size. The clinical dates listed are subject to change based on clinical site availability and instructor scheduling. (Due to COVID-19, clinicals could possibly be changed to a simulated lab until the Healthcare Facilities can safely allow students back into the facility.)

### **Flex Day**

This day is to be used for additional class time, as a weather make-up day, emergency cancelation day etc. as determined by Quality CNA Training. If needed, time scheduled on this day is MANDATORY for all students.

### **Uniforms**

- Dress Code: A ROYAL BLUE scrub top and BLACK scrub pants are required to be worn to each course session/activity.
- Footwear must be low-heeled, non-skid shoes with closed toes. Tennis shoes are acceptable. Socks must also be worn.

### **Missed Time**

Students can miss the equivalent of ONE classroom day, HOWEVER this time is required to be made up on a day approved by the instructor. **All missed time will cost \$35 per hr to make up & must be paid in advance, at student's expense.**

### **Vaccines Due**

Students are REQUIRED to have a 2-step TB test, Flu shot, AND a COVID vaccine prior to first in-person lab day. All documents are due by first day of class. A negative COVID-19 test may also be required. Students without required documents will be dropped/failed from class without refund.

### **Tuition**

The CTE Incentive Grant Program provides opportunities for high school students to get a head start on a technical certificate or an associate or bachelor's degree, to learn more about a field and/or to develop specific skills for entering the workforce immediately after high school graduation. **Unless the student fails to complete or get a passing grade in the course, the district will pay the cost of tuition and fees and the student will receive both high school and college credit.** This high school elective credit will then count toward the student meeting high school graduation requirements needed to earn a high school diploma.

Please note, because students who participate in CTE Incentive Grant begin creating their post high school transcript while still in high school, and **students who do not complete or fails the CNA course will be responsible for paying for the course and fees.** We highly recommend that students, parents, and school officials work together on deciding if this opportunity is appropriate.



## Family & Consumer Science Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** FCE16 Teen Life    **Credit:** 0.5    **Grade Level:** 9-10    **Required Course Fee:** No

**Prerequisite(s):** No

**Description:** Teen Life focuses on personal awareness, developing successful relationships, goal setting, nutrition, fostering life management skills, and exploring career options. Enjoy becoming more independent through a wide variety of learning activities and projects.

**Course:** FCE21 Food Today    **Credit:** 0.5    **Grade Level:** 9-12    **Required Course Fee:** Yes

**Prerequisite(s):** No

**Description:** This class introduces students to the world of culinary. Kitchen safety and sanitation are emphasized. Students learn basic knife skills, food terms, and food preparation techniques while making eggs, main dishes, fruits and vegetables and desserts. In addition to improving their food skills, students learn about costs, time management, nutrition and proper food storage. Students also gain confidence in problem solving and decision making.

**Course:** FCE19 Culinary Arts I    **Credit:** 0.5    **Grade Level:** 10-12    **Required Course Fee:** Yes

**Prerequisite(s):** Food Today (FCE21)

**Description:** Is a culinary career in your future? In this course, students expand their culinary skills. We will learn food preparation and safe handling techniques. Units will include food safety, cooking principles, sauces and soups, quick breads and cookies, legumes, heart-healthy cooking, and more!

**Course:** HOC03 Health Occupations 1 (formerly Intro to Health Occupations)    **Credit:** 0.5

**Grade Level:** 9-12    **Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Career opportunities in healthcare are endless. This course allows you to explore many of these careers through guest speakers and personal projects. This class also addresses topics involved in the healthcare field, such as personal characteristics, the health care system and providers, ethics/legalities, medical terminology, health and wellness, first aid, and costs of healthcare.

**Course:** FCE17 Early Childhood Education: Health, Safety & Nutrition

**Credit:** 0.5    **Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Child Growth & Development (FCE18)

**Description:** Examines the topics of health, safety, and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; examine governmental regulations and professional standards as they apply to health, safety, and nutrition; plan a safe early childhood environment; plan a healthy early childhood environment; plan nutritionally sound menus; examine child abuse and neglect issues and mandates; describe Sudden Infant Death Syndrome (SIDS) risk reduction strategies, describe strategies to prevent the occurrence of Shaken Baby Syndrome (SBS); incorporate health, safety, and nutrition concepts into the children's curriculum.



**Note:** At the successful completion of both FCE17 & FCE18 through WHS & FVTC, a Teacher Aide Certificate will be issued to the student. This certificate satisfies the state of Wisconsin entry-level requirements for Licensed Group Care Centers and students will be placed on level 7 in the Wisconsin Registry.

**Course:** FCE18 Child Growth & Development    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This course will help you develop the skills necessary to work with young children. Study the development of a child ages 3-8 and strategies that support all areas of development. If students are interested in a career that involves working with and/or teaching children, this is a course that would be valuable. Frequent activities with preschoolers provided for practical experience.

**Note:** At the successful completion of both FCE17 & FCE18 through WHS & FVTC, a Teacher Aide Certificate will be issued to the student. This certificate satisfies the state of Wisconsin entry-level requirements for Licensed Group Care Centers and students will be placed on level 7 in the Wisconsin Registry.

**Course:** FCE20 Culinary Arts II    **Credit:** 0.5    **Grade Level:** 11-12    **Required Course Fee:** Yes

**Prerequisite(s):** Food Today (FCE21) & Culinary I (FCE19)

**Description:** This course is designed to use skills and knowledge gained from Culinary I and applies them to advanced food preparation techniques. Topics covered include food safety, plating and presentation, appetizers, yeast doughs, pies and cakes, meat and poultry identification and preparation, and more!

**Course:** HOC04 Health Occupations 2 (formerly Healthcare, Medicare & Health Issues)

**Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Health Occupations 1 (HOC03)

**Description:** The career opportunities in healthcare are endless. This course allows you to explore many of these careers through guest speakers, personal projects, and a possible career observation. This class also addresses topics involved in the healthcare field, such as handicap awareness, body systems, technology, trends and social issues in healthcare, gerontology and aging, pharmacology and research, human behavior, nutrition, and medical terminology.



## **Health**

### **Course Descriptions**

(This course applies toward required credits)

**Course:** PE05 Health    **Credit:** 0.5    **Grade Level:** 9

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** All students are required to pass a health class. If you passed a semester of health class in middle school you are not required to take health in high school. This class incorporates instruction in personal, family, community and environmental health, along with nutrition and fitness, drug education, mental health, safety and First Aid, and CPR instruction.

**Note:** This course is a Graduation Requirement



# Mathematics

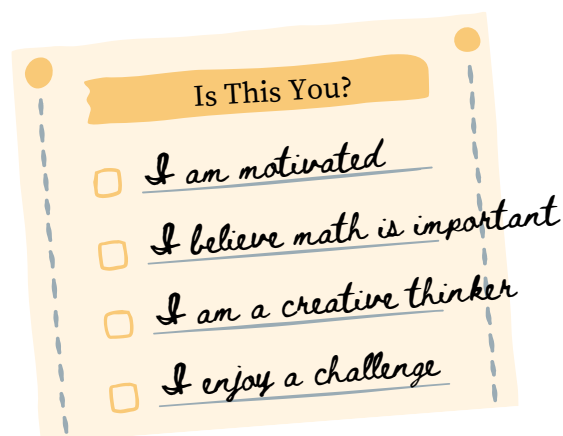
Students are required to take 3 credits of math during their high school adventure. We offer everything from Algebra 1 up to AP Statistics and AP Calculus. We also offer 2 support classes for Algebra 1 and Geometry as well as a Transitions to Algebra 2 course. The math department strongly encourages students to continue on in math, taking more than the required 3 credits. There are many important placement tests and standardized tests that require math skills so students should plan to take a math class every year. The math department looks forward to seeing everyone!

## Career Opportunities:

Skilled Trades Careers, packaging, Business Careers, Statistician

**Math  
Team**

**Potential to Earn:**  Dual Credits



## Course Work in this Career Pathway

Intro-level  
Courses

**Algebra I**  
Grades 9-12

**Supplemental**  
Teacher  
Recommendation  
Grades 9-12

Specialized  
Courses

**Algebra II**  
Grades 9-12

**Geometry**  
Grades 9-12

**Advanced Geometry**  
Grades 9-12

**Supplemental**  
Teacher  
Recommendation  
Grades 9-12

Advanced  
Courses

**Precalculus**  
Grades 9-12

**Transitions to  
Algebra II**  
Grades 9-12

**AP Statistics**  
Grades 9-12

Capstone  
Courses

**AP Calculus AB**  
Grades 9-12

**AP Calculus BC**  
Grades 9-12

DC - Dual Credit    AP - Advanced Placement



## **Mathematics**

### **Course Descriptions**

(These courses apply toward required credits)

**Course:** MAT32.S1 & MAT32.S2 Supplemental Math    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Placement in this course will be determined by assessments and teacher recommendation

**Corequisite(s):** You must take both semesters

**Description:** Supplemental Math is designed to support students who lack math confidence due to missing foundational math skills and application abilities. This course will build students' math skills so that they will be successful in their current and future math courses. When students successfully complete this course, they will earn elective credit.

**Course:** MAT39.S1 & MAT39.S2 Advanced Geometry    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Teachers approval    **Corequisite(s):** You must take both semesters

**Description:** This course is for students who express a strong interest in mathematics. Students considering this course should be active, inquisitive, and independent learners. Advanced Geometry will be more challenging than the standard geometry course and will provide multiple opportunities for students to take greater responsibility for their learning. This course emphasizes the further development of skills, techniques and connections to geometry concepts. The topics include but are not limited to: foundations of geometry, proof and logic, lines, transformation, probability, polygons, similarity, 2D and 3D measurement, circles and basic trigonometry. Advanced Geometry builds on your algebra knowledge while also preparing you for future math courses. It teaches you to think logically, problem solve, and use critical thinking skills in real life situations.

**Course:** MAT35.S1 & MAT35.S2 Algebra I    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** The scope and sequence of the course will include: Operations on real numbers; working with formulas, percentages, ratios, and decimals; writing, solving, and graphing linear equations/inequalities; application of equations/inequalities in real-life situations; and working with exponential and quadratic models.

**Course:** MAT36.S1 & MAT36.S2 Geometry    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Must have completed Algebra I (MAT35.S1 and MAT35.S2)

**Corequisite(s):** You must take both semesters



**Description:** The scope and sequence of this course will include: reasoning and proofs, relationships of parallel and perpendicular lines, properties and relationships of polygons, properties of circles, surface area, volume, and basic trigonometry. Dual enrollment in both Geometry and Algebra 2 is possible with instructor approval.

**Course:** MAT37.S1 & MAT37.S2 Algebra II    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Must have passed both semesters of Geometry (MAT36.S1 & MAT36.S2) with a C- or better, or teacher recommendation.

**Corequisite(s):** You must take both semesters

**Description:** Students that plan to attend a 4-year college are required to complete this course and it is recommended for students entering a technical college. Concepts covered include: a review of linear equations and inequalities; quadratic functions and factoring; polynomial, rational, radical, exponential, and logarithmic functions; conic sections; sequences and series; and an introduction to trigonometric functions. Enrollment in both Algebra II and Geometry is possible with instructor approval.

**Course:** MAT31.S1 & MAT31.S2 Transition to Algebra II    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Successful completion of Geometry (MAT36.S1 & MAT36.S2)

**Corequisite(s):** You must take both semesters

**Description:** This course reviews and extends algebra and geometry concepts for students who have already passed Algebra I and Geometry, but may not be ready for an Algebra II course. Particular attention will be placed on learning skills aligned directly to the ACT. After the ACT is complete, focus will be shifted to building a foundation in mathematics for students to be well prepared for Algebra II.

**Course:** MAT05.S1 & MAT05.S2 AP Statistics    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** "C" average in both semesters of Algebra II (MAT37.S1 & MAT37.S2)

**Corequisite(s):** You must take both semesters. Enrollment in Pre-calculus and Statistics is possible.

**Required Course Materials:** None

**Description:** Students will learn proper statistical techniques in exploring data, sampling and experimentation, planning and conducting a study, explore random phenomena using probability and simulation, and statistical inference through hands-on activities and traditional practice such as homework. This course will challenge both your math skills and your communication skills.

**Note:** Advanced Placement - College credit can be earned by passing the AP exam in May.

**Course:** MAT38.S1 & MAT38.S2 Pre Calculus    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Must have passed both semesters of Algebra II (MAT37.S1 & MAT37.S2)



**Corequisite(s):** You must take both semesters

**Required Course Materials:** A TI 84+ graphing calculator is strongly recommended.

**Description:** Students that plan to attend a 4-year college are encouraged to take this course. This course is a prerequisite for calculus. Students will continue to develop their understanding of functions and their graphs, transformations, and inverse functions. Other topics include exponential and logarithmic functions and extensive work with trigonometry, including solving trigonometric equations.

**Course:** MAT06.S1 & MAT06.S2 AP Calculus AB      **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12      **Required Course Fee:** No

**Prerequisite(s):** "C" average or better in Pre-calculus (MAT38.S1 & MAT38.S2)

**Corequisite(s):** You must take both semesters

**Required Course Materials:** All students are required to have a graphing calculator. The TI 84+ is recommended.

**Description:** Description: Students in this class will develop an understanding of differential and integral calculus, while working with polynomial, rational, trigonometric, exponential and logarithmic functions. Students will explore the fundamental concepts of limits, derivatives, and integrals while solving problems using algebraic, numerical, and graphical approaches. They will see how calculus relates to other fields, such as physics, economics, and engineering. AP Calculus AB is the equivalent of a first semester college calculus course.

**Note:** Advanced Placement - College credit can be earned by passing the AP Exam in May.

**Course:** MAT07.S1 & MAT07.S2 AP Calculus BC      **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12      **Required Course Fee:** No

**Prerequisite(s):** Completion of a full year of Calculus AB (MAT06.S1 & MAT06.S2)

**Corequisite(s):** You must take both semesters

**Required Course Materials:** All students are required to have a graphing calculator. The TI 84+ is recommended.

**Description:** AP Calculus BC is designed to be the equivalent of both first and second semester college calculus courses. This course reviews all the AP Calculus AB topics in differential and integral calculus, while adding parametric, polar curves and vector-valued functions to the discussion of limits, derivatives, and integrals. It also covers additional integration techniques, and has a strong focus on sequences and series (including convergence and divergence, Taylor and Maclaurin series).

**Note:** Advanced Placement - College credit can be earned by passing the AP exam in May

# Music

The music department offers multiple course options for both instrumental and vocal music. Each band and choir course is a performing ensemble with many opportunities to perform at concerts, ceremonies, and events throughout the year at school and in the community. Depending on your experience and interest level, the number of events can vary. Students interested in learning more about reading, writing, and composing or arranging music should consider AP Music Theory. This course will also prepare students interested in pursuing a major or minor in any music field. Consider making music a part of your day every day and join an ensemble!

## Is This You?

- ☐ *I am creative*
- ☐ *I like to perform*
- ☐ *I am a team player*
- ☐ *I enjoy music*

## Career Opportunities:

Music Teacher, Performer, Music Industry  
& Recording

*Pacapellas*

*Men's Choir*

*Jazz Band*

## Potential to Earn:

## Course Work in this Career Pathway

Middle School  
Career Exploration  
Course

**Band**

**Choir**

Intro-Level  
Course

**Concert Band**  
Grades 9-12

**Mixed Choir**  
Grades 9-12

Specialized  
Course

**Wind Ensemble**  
Grades 10-12

**Treble Choir**  
Grades 10-12

**Concert Choir**  
Grades 10-12

Capstone  
Course

**AP Music Theory**  
Grades 11-12

**Madrigal &  
Vocal Jazz Ensemble**  
Grades 10-12



## Music Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** MUS01.S1 & MUS1.S2 Concert Band    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** Grades 6-8 Band; this prerequisite may be waived pending instructor.

**Corequisite(s):** You must take both semesters

**Description:** Concert band is a course designed to continue the musical experience and instruction provided in grades 6-8. Students will be required to perform and attend all scheduled concerts, parades and events in which the band participates. To enroll in this course a student must have been a band member during grades 6-8. This prerequisite may be waived pending instructor approval.

**Course:** MUS04.S1 & MUS04.S2 Mixed Choir    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** Mixed Choir is the high school's entry-level choral ensemble for mixed voices that meets on a daily basis. The choir is comprised of freshman through senior changed voices, and freshman treble voices. The choir performs a minimum of four concerts per year. Each member is required to participate in the solo-ensemble unit of study and performance. Course content includes an introduction to written music theory, as well as ear training and sight-reading. Literature studied for performance is of medium difficulty, in 3-4 parts, with explorations into all styles and some foreign languages.

**Course:** MUS02.S1 & MUS02.S2 Wind Ensemble    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Audition & 1 year of HS Band Experience

**Corequisite(s):** You must take both semesters

**Description:** Wind Ensemble is a course designed to take the skills acquired in concert Concert Band to a higher level. The music performed in this group is of a more advanced level with emphasis on independent playing. They are required to perform at all scheduled concerts, parades and events in which the band participates.

**Course:** MUS03.S1 & MUS03.S2 Treble Clef Choir    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** Treble Choir is a choral ensemble for treble voices that meets on a daily basis. The choir performs a minimum of four concerts per year. Each member is required to participate in the solo-ensemble unit of study and performance. Course content includes written music theory, as well as ear training and sight-reading. Literature studied for performance is of medium difficulty, mainly in 3-4



part treble voicing, with explorations into all styles and some foreign languages.

**Course:** MUS05.S1 & MUS05.S2 Concert Choir    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Audition and 1 year of HS Choir. (The year of HS Choir prerequisite may be waived pending instructor approval and demonstration of adequate skills)

**Corequisite(s):** You must take both semesters.

**Description:** Concert Choir is an auditioned mixed vocal ensemble that meets on a daily basis. The choir performs a minimum of three concerts per year. The Concert Choir is also responsible for providing the cast and chorus for the annual WHS musical production. Each member is required to participate in the solo-ensemble unit of study and performance. Course content includes written music theory, as well as ear training and sight-reading. Literature studied for performance is of an advanced nature and covers many different styles and languages.

**Course:** MUS06.S1 & MUS06.S2 Madrigal & Vocal Jazz Ensemble

**Credit:** 1.0 (Course is a full year course - 0.5 per semester)    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** Audition Required

**Corequisite(s):** You must take both semesters and one of the following choirs: Mixed Choir (MUS04.S1 & MUS04.S2), Treble Choir (MUS03.S1 & MUS03.S2), or Concert Choir (MUS05.S1 & MUS06.S2) for both semesters.

**Description:** The Madrigal/Vocal Jazz Ensemble known as "Mad Jazzers" is an auditioned chamber size group of singers that meets five times a week. A prerequisite of the ensemble is that the student must also be a member of another curricular choir. This ensemble performs at three main concerts throughout the school year, at Solo-Ensemble Festival, in the community as madrigal singers during the holiday season, and as a vocal jazz ensemble at spring festivals and the high school jazz concert. The ensemble is also the Royal Court for the annual Madrigal Dinner. The Madrigal Dinner is a Medieval Feast, which takes place at the high school on the second weekend of December. Literature is of moderate to advanced level, including renaissance madrigal, chamber choral, and vocal jazz styles.

**Course:** MUS07.S1 & MUS07.S2 AP Music Theory    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** Interview with instructor required prior to enrollment

**Corequisite(s):** You must take both semesters

**Description:** This course is offered to juniors and seniors currently enrolled in instrumental or vocal ensembles within the high school music department. The course will include both classroom and independent work. Materials covered will include beginning, intermediate and advanced music theory, rhythmic dictation and sight-singing. Students will improve their current music reading skills and pursue further study into the additional skills needed for music study at the post-secondary level (college). Preparation for the AP Music Theory Test will also be provided during the class for those interested in possibly earning college credit.

**Note:** College credit can be earned by passing the AP exam in May.

# Physical Education

Students need to earn 1.5 credits of required Physical Education during their high school career. The Physical Education Department also offers advanced level courses that may be taken as electives. Students may only take one semester of "required" physical education per school year; however, they may take an "elective" course in any semester they choose. All physical education courses are co-ed.

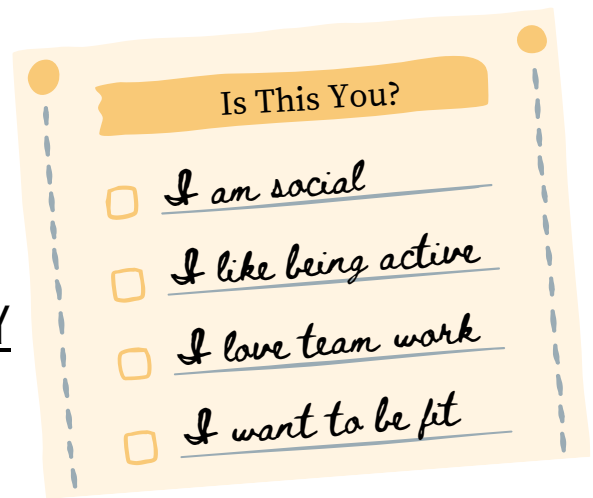
**NATIONAL HONOR SOCIETY**  
**LINK CREW**

## **Career Opportunities:**

Athletic Trainer, Physical Therapist, Teacher,  
Recreation Management, Journalist

## **Potential to Earn:**

**INTRAMURALS**



## Course Work in this Career Pathway

Required  
for  
Graduation  
Grades 9-12

**Team Adventure**

**Individual & Dual Lifetime**

**Aerobics & Individual  
Lifetime**

Elective  
Grades 9-12

**Strength Conditioning &  
Fitness**

**Sports Challenge**





## Physical Education Course Descriptions

(These courses apply towards either an elective or a required credit)

**Course:** PE15 Sports Challenge    **Credit:** 0.5    **Grade Level:** 9-12    **Required Course Fee:** No

**Prerequisite(s):** No

**Required Course Materials:** All PE courses require that students need tennis shoes and his/her physical education clothing.

**Description:** Students may choose to take additional semesters of physical education along with their required physical education classes at any time during their high school career as an elective. Elective classes will be advanced level and consist of 5 days of activity. All elective classes will be offered to students in grade 9-12, with the priority given to the upperclassmen. All students need to take the required physical education course in three semesters of their high school career.

This class is designed for the student who enjoys team sports. Activities that will be emphasized in this section are: basketball, flag football, pickleball, softball, tennis, volleyball, badminton, speedball, soccer, ultimate Frisbee, disc golf and cardiovascular games.

**Note:** May not be taken as a required physical education credit

**Course:** PE17 Strength Conditioning & Fitness    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Required Course Materials:** All PE courses require that students need tennis shoes and his/her physical education clothing.

**Description:** Students may choose to take additional semesters of physical education along with their required physical education classes at any time during their high school career as an elective. Elective classes will be advanced level and consist of 5 days of activity. All elective classes will be offered to students in grade 9-12, with the priority given to the upperclassmen. All students need to take the required physical education course in three semesters of their high school career.

**Note:** May not be taken as a required physical education credit

**Course:** PE23 Team Adventure    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Required Course Materials:** All PE courses require that students need tennis shoes and his/her physical education clothing.

**Description:** Students are required to take 1.5 credits of required physical education during their high school career. Students may only take one semester of "required" physical education a year. All physical education courses are co-ed. Each student is expected to participate and have his/her own physical education clothing. Each student is graded on participation, which also includes written tests and skills tests. Only a doctor's written excuse will exempt a student from participation in physical education classes. This will allow the student an option of a written assignment.

Team Adventure (Emphasis on Team Play): Softball, flag football, ultimate Frisbee, soccer, volleyball,



pickleball, badminton, basketball, speedball, and fitness.

**Note:** This course is a Graduation Requirement

**Course:** PE24 Individual & Dual Lifetime    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Required Course Materials:** All PE courses require that students need tennis shoes and his/her physical education clothing.

**Description:** Students are required to take 1.5 credits of required physical education during their high school career. Students may only take one semester of “required” physical education a year. All physical education courses are co-ed. Each student is expected to participate and have his/her own physical education clothing. Each student is graded on participation, which also includes written tests and skills tests. Only a doctor’s written excuse will exempt a student from participation in physical education classes. This will allow the student an option of a written assignment.

Individual & Dual Lifetime (Emphasis on Individual Play): Disc golf, tennis, speedball, team building, pickleball, badminton, volleyball, recreational games, snowshoe/cross country skiing, and fitness.

**Note:** This course is a Graduation Requirement

**Course:** PE25 Aerobics & Individual Lifetime    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Required Course Materials:** All PE courses require that students need tennis shoes and his/her physical education clothing.

**Description:** Students are required to take 1.5 credits of required physical education during their high school career. Students may only take one semester of “required” physical education a year. All physical education courses are co-ed. Each student is expected to participate and have his/her own physical education clothing. Each student is graded on participation, which also includes written tests and skills tests. Only a doctor’s written excuse will exempt a student from participation in physical education classes. This will allow the student an option of a written assignment.

Aerobics & Individual Lifetime (Emphasis on Aerobic Activities): Team building, archery, golf, lawn games, aerobic walk, step aerobics, aerobic kickboxing, Pilates, yoga, relaxation techniques/stretching, recreational games, and fitness.

**Note:** This course is a Graduation Requirement

# Career-Based Learning Experiences

Earn elective credits while you work! Through Work Experience, Work-Based Learning, and Youth Apprenticeship, qualifying students can gain meaningful, hands-on career exploration in real-world settings.

**Work Experience** allows juniors and seniors to earn ½ credit simply by working.

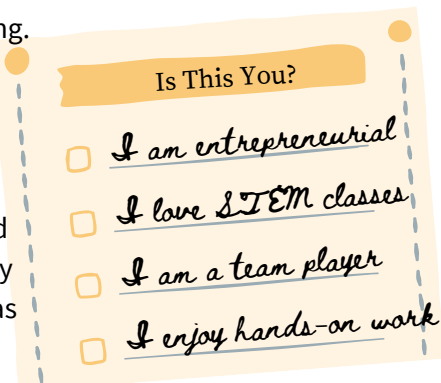
**Work-Based Learning** pairs a student's job with one related course, allowing them to earn additional credits depending on the position.

**Youth Apprenticeship** is a prestigious state-certified program for juniors and seniors who are enrolled in two or more pathway-related classes. Students complete industry-specific competencies, preparing them to be proficient and workforce-ready. Along with earning a state certificate, Youth Apprentices may receive advanced standing in postsecondary programs and are often viewed as highly employable with this credential.

## Career Opportunities:

Chef, Metallurgist, Computer Programmer, Accountant, Veterinarian, Mechanic, Nurse, endless opportunities!

**Potential to Earn:**  Youth Apprenticeship Certification



## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Technical Education**  
Grades 7 or 8

**Family Consumer Sciences**  
Grades 7 or 8

Intro-Level  
Course

Specialized  
Courses

**Work Experience**  
Grades 11-12

**Work Based Learning**  
Grades 11-12

Capstone  
Courses

**Youth Apprenticeship**  
State Certification  
Grades 11-12

[Youth Apprenticeship Certification](#)



## School to Careers Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** CAR05.S1 & CAR05.S2 Work Experience

**Credit:** 0.5 credit     Students required to work minimum of 90 hours per semester

**Grade Level:** 11-12     **Required Course Fee:** No     **Prerequisite(s):** No

**Description:** Students will develop essential workplace skills such as teamwork, punctuality, job searching, professionalism, communication with supervisors, appropriate dress, safety awareness, honesty, self-assessment, and independent decision-making. Participants will maintain a weekly work log and receive a performance evaluation from their supervisor. Students may be released from school for up to one class period to accommodate their work schedule.

**Course:** YA02 State Certified Youth Apprenticeship

**Credit:** 0.5 credit for every 90 hours worked - up to 2 credits per semester. Students gone during the school day will need to account for every 1 class period gone with 90 hours worked.

**Grade Level:** 11-12     **Required Course Fee:** No

**Prerequisite(s):** Career and Technical Education Enrollment, Attend Meeting, Talk with CTE Coordinator

**Corequisite(s):** Student must earn 1 credit in the same pathway as employment congruent as the year in YA. Credit can be in the same pathway, dual credit or AP course.

**Description:** Youth Apprenticeship (YA) combines classroom learning with real-world work experience to build employability and technical skills recognized by Wisconsin industries. Students learn from qualified teachers and skilled mentors while working for participating employers.

Open to Juniors and Seniors, students must complete at least 450 hours of work-based learning per year. Students must also earn 1 related course credit (including AP or Dual Credit options) the same year. Work release is determined by CTE Coordinator, Counselor, parent/guardian and student, with all graduation requirements in mind.

**Course:** WBL01.S1 & WBL01.S2 Work Based Learning

**Credit:** 0.5 for every 90 hours worked - up to 2 credits per semester. Students gone during the school day will need to account for every 1 class period gone with 90 hours worked

**Grade Level:** 11-12     **Required Course Fee:** No

**Prerequisite(s):** Career and Technical Education Enrollment, Attend Meeting, Talk with CTE Coordinator

**Corequisite(s):** Student must earn 0.5 credit in the same pathway as employment congruent as the year in WBL. Credit can be in the same pathway, dual credit or AP course.

**Description:** Work Based Learning combines classroom learning with real-world work experience to build employability and technical skills recognized by Wisconsin industries. Students learn from



qualified teachers and skilled mentors while working for participating employers.

Open to Junior and Seniors, students must complete at least 90 hours of work-based learning per semester. Students must also earn 0.5 related course credit (including AP or Dual Credit options) the same year. Work release is determined by CTE Coordinator, Counselor, parent/guardian and student, with all graduation requirements in mind.

**Course:** TA01 Teachers Assistant **Credit:** 0.5 **Grade Level:** 11 & 12 **Required Course Fee:** No

**Prerequisite(s):** Junior/Senior Status and must have successfully completed 3 years of study in the subject area and/or demonstrated a high level of academic proficiency ("A" or consensus of advisors)

**Description:** Teacher Assistantships. As a teacher assistant, a student will assist in teaching a particular subject but also have a chance to branch out and try a new project in that field of study. All students participating in this opportunity will be signing a confidentiality form and a teacher assistant agreement.

# Science

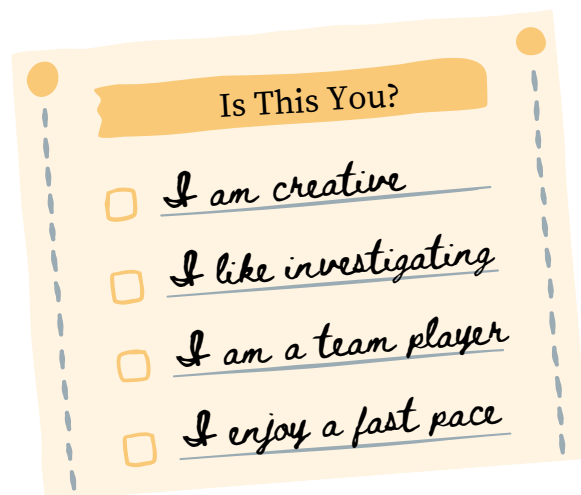
You will need 3 credits of science during your time at WHS. You will be required to take Biology and Chemistry. After you've completed these courses it's up to you and your interests to decide what's next. Some of your options are Physics or AP Physics if you are interested in the energy and forces that surround us. If you enjoyed Biology you might want to take Ecology, AP Biology, or Anatomy & Physiology. If Chemistry was more up your alley you might consider taking AP Chemistry. Science courses are designed to foster your critical thinking skills and ignite your curiosity about the world around you.

## Career Opportunities:

Biologist, Marine Biologist, Natural Resources, Forester, Chemist

**Math  
Team**

**Potential to Earn:**  Dual Credits



## Course Work in this Career Pathway

Intro-Level  
Courses

**Biology**  
Grades 9-10

Specialized  
Courses

**Chemistry I**  
Grades 10-12

Advanced  
Courses

**Physics I**  
Grades 11-12

**AP Physics**  
Grades 11-12

**Ecology**  
Grades 11-12

**Anatomy/  
Physiology**  
Grades 11-12

Capstone  
Courses

**Physics II**  
Grade 12

**AP Chemistry**  
Grade 12

**AP Biology**  
Grade 12

DC - Dual Credit    AP - Advanced Placement



**Science**  
**Course Descriptions**  
(These courses apply toward required credits)

**Course:** SCI01.S1 & SCI01.S2 Biology    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-10    **Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** You must take both semesters

**Description:** Students study the structures, functions, and processes of living organisms and their interactions with the environment. Major themes include cell structure and specialization, energy and chemistry of life, genetics and evolution, diversity of life, plant systems, and ecology. Students learn complex biological concepts through lectures and applications, and knowledge is assessed through tests, projects, and labs.

**Course:** SCI04.S1 & SCI04.S2 Chemistry I    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Biology    **Corequisite(s):** You must take both semesters.

**Description:** Chemistry is the study of matter and the changes it undergoes in chemical reactions. This course will study theory and mathematical applications of the principles of chemistry.

**Course:** SCI05.S1 & SCI05.S2 Anatomy/Physiology    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** Biology (SCI01.S1 & SCI01.S2)    **Corequisite(s):** You must take both semesters

**Description:** Anatomy/Physiology is an in-depth look at the inner workings of the human body. This course examines nerves, muscles, hormones, respiration and the cardiovascular system, all with an emphasis on medical and practical application of knowledge. This is an advanced biology course for students interested in the human body.

**Course:** SCI07.S1 & SCI07.S2 Physics    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** Physics is the study of the relationship between matter and energy. Introduction to the concepts and techniques of physics includes mechanics, waves, and electricity. A solid mathematics background is recommended for students enrolling in this course.

**Course:** SCI36.S1 & SCI36.S2 Ecology    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** Biology (SCI01.S1 & SCI01.S2)    **Corequisite(s):** You must take both semesters

**Description:** This course focuses on the interrelationships between organisms, humans, and the



environment. Ecological principles and their application to environmental problems are the focus of this course. Examples of topics covered include: relationships in ecosystems, energy movements in organisms and ecosystems, use of natural resources, human sustainability, and environmental decision making. Knowledge is assessed through tests, projects, and lab activities.

**Course:** SCI42.S1 & SCI42.S2 AP Physics    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** Algebra II (MAT37.S1 & MAT37.S2)

**Corequisite(s):** You must take both semesters

**Description:** AP Physics is the equivalent to a first-semester course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound.

**Note:** Advanced Placement - College credit can be earned by passing AP exam in May

**Course:** SCI25.S1 & SCI25.S2 AP Biology    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 12    **Required Course Fee:** No

**Prerequisite(s):** 2 credits of science: Biology and Chemistry

**Description:** This course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology includes those topics covered in a college biology course for biology majors. Being a college-level course, it differs from other high school science courses in the depth and range of topics covered, the type of laboratory work done, the kind of textbook used, and the time and effort required by students. Students should expect a more rigorous curriculum, a larger time requirement, and much more independent study than a typical high school science course.

**Note:** Advanced Placement - College credit can be earned by passing AP exam in May

**Course:** SCI33.S1 & SCI33.S2 Physics II    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 12    **Required Course Fee:** No

**Prerequisite(s):** Physics I (SCI07.S1 & SCI07.S2) or AP Physics I (SCI25.S1 & SCI25.S2)

**Corequisite(s):** You must take both semesters

**Description:** Physics II will expand and build on the concepts that were studied in Physics I or AP Physics. Topics that may be included will be: thermal dynamics, states of matter, waves and energy transfer, optics, electricity, magnetism, atomic and nuclear physics and general and special relativity.

**Note:** Students taking the course will have the option of taking the AP Physics 2 exam in the spring of the year.

**Course:** SCI35.S1 & SCI35.S2 AP Chemistry    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 12    **Required Course Fee:** No

**Prerequisite(s):** Chemistry I (SCI04.S1 & SCI04.S2)





**Corequisite(s):** You must take both semesters

**Description:** AP Chemistry is designed to be the equivalent of a first year college general chemistry course and follows the College Board's AP Chemistry syllabus. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation and academic maturity. This course presents a rigorous treatment of the following concepts: the nature of matter, gas laws, thermodynamics, stoichiometry, bonding, chemical kinetics, chemical equilibria, and more. This course requires the successful completion of Chemistry 1. Any exceptions must receive prior approval. Students are expected to be motivated and spend extra time studying outside of class. The problem-solving strategies obtained during this course will prepare college-bound students for careers in the sciences, medicine, engineering, and other technical areas.

**Note:** Advanced Placement - College credit can be earned by passing AP exam in May

# Social Studies

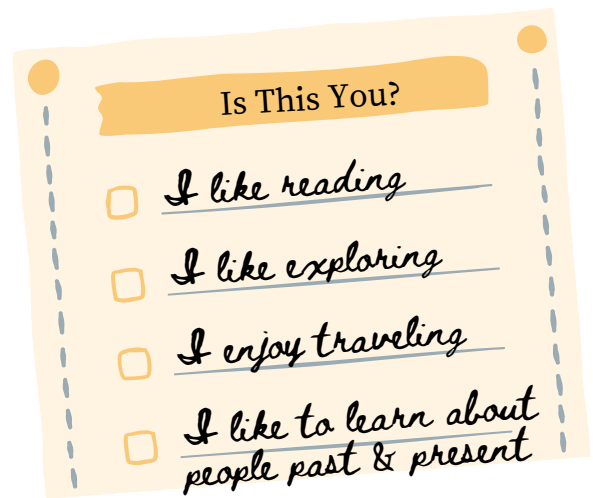
The Social Studies offerings at Waupaca High School are amongst the most diverse in the state. We have a full range of AP options including AP US History, AP Human Geography, AP Psychology, and AP European History. We also offer Global Studies at Freshman year, US History to Sophomores, and upperclassman have the options of Economics, Government, Psychology, Sociology, and Ancient Civilizations. You will need 3 credits of Social Studies to graduate. Come explore the world during your time at Waupaca High School!

## Career Opportunities:

Teacher, Psychologist, Social Worker,  
Police Officer

**Potential to Earn:**  Dual Credits

**Youth on Board**  
**Student Council**



## Course Work in this Career Pathway

Grade 9

**Global Studies**  
1 credit

**AP Human Geography**  
1 credit

Grade 10

**US History**  
1 credit

**AP US History**  
1 credit

Grade  
11 & 12

**Psychology**  
.5 credit

**Sociology**  
.5 credit

**Economics**  
.5 credit

**Ancient Civilizations**  
.5 credit

**Government**  
1 credit

**AP European History**  
1 credit

**AP Psychology**  
1 credit

AP - Advanced Placement



<p style="text-align: center;"><b>Social Studies</b> <b>Course Descriptions</b> (These courses apply toward required credits)</p>
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<p><b>Course:</b> SOC11.S1 &amp; SOC11.S2 Global Studies    <b>Credit:</b> 1.0 (Course is a full year course - 0.5 per semester)</p>
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<p><b>Grade Level:</b> 9    <b>Required Course Fee:</b> No</p>
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<p><b>Prerequisite(s):</b> No    <b>Corequisite(s):</b> You must take both semesters</p>
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<p><b>Description:</b> Global Studies is a course that will study the earth, its people, their cultures, and the countries that they create. In this course students will examine different regions of the world through their geography, recent history, political structure, role in the global economy and the importance of their respective cultures. The goal of this course is to make students more aware, global citizens.</p>
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<p><b>Course:</b> SOC23.S1 &amp; SOC23.S2 AP Human Geography    <b>Credit:</b> 1.0 (This is a full year course - 0.5 per semester)</p>
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<p><b>Grade Level:</b> 9    <b>Required Course Fee:</b> No</p>
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<p><b>Prerequisite(s):</b> No    <b>Corequisite(s):</b> You must take both semesters</p>
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<p><b>Description:</b> AP Students in a Social Studies class must be willing to:</p>
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- |  |
|--|
| <ul style="list-style-type: none"><li>• Work independently on materials outside of class time</li><li>• Manage time efficiently</li><li>• Engage and participate in college level reading, writing, and discussion</li><li>• Students who are successful in this class traditionally score mostly 3's in Language Arts and Social Studies.</li></ul> |
|--|

<p>AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.</p>
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<p><b>Note:</b> Advanced Placement - College credit can be earned by passing AP exam in May</p>
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<p><b>Course:</b> SOC05.S1 &amp; SOC05.S2 US History    <b>Credit:</b> 1.0 (Course is a full year course - 0.5 per semester)</p>
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<p><b>Grade Level:</b> 10    <b>Required Course Fee:</b> No</p>
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<p><b>Prerequisite(s):</b> No    <b>Corequisite(s):</b> You must take both semesters</p>
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<p><b>Description:</b> U.S. History is a required course at the sophomore level. The course begins with events leading to U.S. Civil War and continues to present times.</p>
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<p><b>Course:</b> SOC04.S1 &amp; SOC04.S2 AP US History    <b>Credit:</b> 1.0 (Course is a full year course - 0.5 per semester)</p>
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<p><b>Grade Level:</b> 10-12    <b>Required Course Fee:</b> No</p>
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<p><b>Prerequisite(s):</b> No    <b>Corequisite(s):</b> You must take both semesters</p>
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**Description:** AP Students in a Social Studies class must be willing to:

- Work independently on materials outside of class time
- Manage time efficiently
- Engage and participate in college level reading, writing, and discussion

Coverage of American history from colonial settlement to the present. The course is designed to provide students with the analytical skills and factual knowledge necessary to prepare them for intermediate and advanced college level history courses. This course is taught at a college level using a college textbook and more advanced reading material. There is a heavy emphasis placed on writing essays in preparation for the comprehensive AP test offered in May. Students should expect a heavier workload than most social studies classes and be prepared to take on a fast paced and challenging course.

**Note:** Advanced Placement - College credit can be earned by passing AP exam in May

**Course:** SOC21.S1 & SOC21.S2 AP European History    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** AP Students in a Social Studies class must be willing to:

- Work independently on materials outside of class time
- Manage time efficiently
- Engage and participate in college level reading, writing, and discussion

AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

**Note:** Advanced Placement - College credit can be earned by passing AP exam in May

**Course:** SOC06 Economics    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This course emphasizes analysis of the American economic systems. Specific units will cover issues such as the law of supply and demand, factors of production business cycles, money and banking, monetary and fiscal policy, international trade and comparative economic systems.

**Course:** SOC07 Sociology    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Sociology is the study of relationships, social institutions, and society. It offers us exciting new ways to better understand ourselves as we examine how the social world influences the way we think, feel, and act.

**Course:** SOC08 Psychology    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No    **Prerequisite(s):** No



**Description:** This course covers the basic principles that govern psychology. These include the brain, memory/thought, perception, disorders, and dreams. We will explore how the human mind functions, as well as practically apply these principles in a number of projects and papers over the course of the semester.

**Course:** SOC09.S1 & SOC09.S2 Government    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** You must take both semesters

**Description:** Government covers a survey of American political growth. Students will study the functions of the federal, state, and local governments and how they make people more responsible citizens.

**Course:** SOC91.S1 & SOC91.S2 AP Psychology    **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** AP Students in a Social Studies class must be willing to:

- Work independently on materials outside of class time
- Manage time efficiently
- Engage and participate in college level reading, writing, and discussion

Course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

**Note:** Advanced Placement - College credit can be earned by passing AP exam in May

**Course:** SOC24 Ancient Civilization    **Credit:** 0.5    **Grade Level:** 11-12

**Required Course Fee:** No    **Prerequisite(s):** No    **Corequisite(s):** You must take both semesters

**Description:** Ancient Civilizations is a survey course covering the main civilizations of Europe, Africa, and Asia. This course examines the history of the Ancient World from the Dawn of Man to 1350 AD. The focus of study will emphasize aspects of geography, anthropology, and social history.

# Construction

## Technology Education

**Construction Pathway:** Employees in construction literally build our future! These are the people who build and remodel houses, apartments, industrial buildings, warehouses, office buildings, churches, schools and recreational facilities. This pathway also includes the builders of highways, streets, bridges, tunnels and airports as well as power plants, chemical plants, refineries and mills.

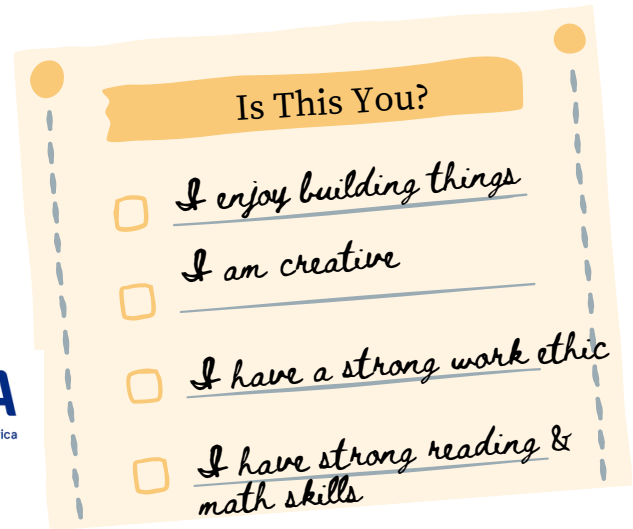
### Career Opportunities:

Furniture makers, assemblers, cabinet makers, electricians, plumbers, project managers, drafters, inspectors, architect, civil, mechanical, & electrical engineering

**WIRED**

**FBLA**  
Future Business Leaders of America

**Potential to Earn:**  Dual Credits



## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Technical Education**  
Grades 7 or 8

Intro-Level  
Course

**Woodworking 101**  
Grades 9-12

Specialized  
Courses

**Technology & Use of Wood**  
Grades 10-12

**Home Maintenance**  
Grades 10-12

Capstone  
Courses

**Residential Building  
Construction**  
Grades 11-12

# Drafting & Design

## Technology Education

**Design/Pre-Construction Pathway:** People with careers in design/pre-construction create our future! They turn a concept into a set of plans. Their plans guide other construction professionals as they continue the building process.



**Career Opportunities:**  
Engineer, Architect, Drafter



**Potential to Earn:**  Dual Credits

### Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses

**Technical Education**  
Grades 7 or 8

Intro-Level  
Course

**Product Design Skills I**  
Grades 9-12



Specialized  
Courses

**Architectural Design I**  
Grades 10-12

**Engineering  
Drawing/AutoCAD**  
Grades 11-12



# Manufacturing

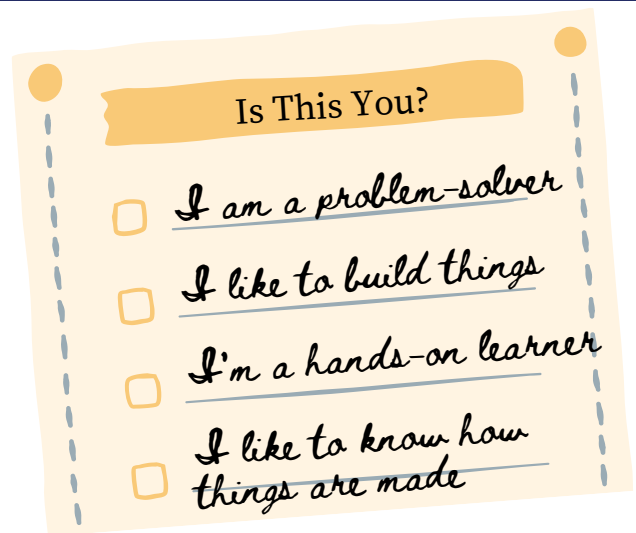
## Technology Education

### **Manufacturing Production Process Development**

**Pathway:** Employees in Manufacturing Production Process Development are responsible for product design and design of the manufacturing process. They work with customers to ensure the manufacturing process produces a product that meets or exceeds customer expectations. They also monitor the manufacturing process and the materials used to manufacture the product.

### **Career Opportunities:**

Welder, Maintenance Tech, Fabricator, Machinist, Pipefitter, Sheet Metal Worker



**Potential to Earn:**  Dual Credits


## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses


**Technical Education**  
Grades 7 or 8

Intro-Level  
Course


**Metal Foundations**  
Grades 9-12 

**Introduction to Metal  
Processes**  
Grades 10-12 

Specialized  
Courses

**Gas Metal Arc Welding  
Techniques I**  
Grades 11-12 

**Advanced Welding &  
Fabrication Product  
Development**  
Grades 11-12 

**Machining**  
Grades 11-12 

Capstone  
Courses

**Advanced Manufacturing**  
Grades 10-12

DC - Dual Credit



# Transportation

## Technology Education

### **Facility and Mobile Equipment Maintenance**

**Pathway:** Careers in the Facility and Mobile Equipment Maintenance pathway include the maintenance, repair, and servicing of vehicles and transportation facilities, as well as the refueling of mobile equipment. All transportation relies on equipment which must function as designed, whenever needed. The people in this pathway keep the equipment and machinery running while looking for more efficient, safe, and cost-effective ways to do so.

### **Career Opportunities:**

Auto, Diesel or Aviation Technician, Service Advisor, Parts Specialist, Auto Body Technician

**Potential to Earn:**  Dual Credits




## Course Work in this Career Pathway

Middle School  
Career Exploration  
Courses


**Technical Education**  
Grades 7 or 8

Intro-Level  
Course

**Air Cooled Engine  
Technology**  
Grades 9-12 


**Basic Car Care**  
Grades 10-12

Specialized  
Courses

**DC Circuits**  
Grades 10-12 

**MLR 1  
(Maintenance and  
Light Repair)**  
Grades 10-12

**Automotive  
Brakes, Steering &  
Suspension**  
Grades 10-12

**Automotive  
Service Diagnostics**  
Grades 10-12 

Capstone  
Courses

**CDL Straight Truck Class B  
Driver License**  
FVTC 18 Years Old

DC - Dual Credit



## Technology Education Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** TEC02 DC Circuits    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** DC Circuits 1 - Introduces electrical safety and program procedures. The course covers Ohm's Law, power law, series circuits, and voltmeter ammeter and ohmmeter applications. Number powers, electronic notations, circuit component recognition and diagrams, resistor power ratings, color code, Kirchhoff's voltage law and atomic structure are also included.  
DC2 - Covers basic parallel and series-parallel circuits and their properties. Examines the theory, application and design of series-parallel circuits, such as loaded and unloaded voltage dividers and the Wheatstone bridge. Laboratory activities are performed to verify the theory.

**Note:** This is a Dual Credit Course with FVTC.

**Course:** TEC37 Air Cooled Engine Technology    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Ever wonder how that small air cooled engine functions to cut your grass or blow snow during the winter months? This fast-paced, hands-on class will give students an introduction to the internal workings of air cooled four cycle and two cycle small engines. Students will learn essential skills such as basic maintenance and troubleshooting all the way up to complete engine teardown, measurement and reassembly. After completing this course students will have an in depth understanding of the systems and interworking of most small air cooled engines, and a building block to further automotive classes.

**Course:** TEC45 Product Design Skills I    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This course is an introduction to Engineering and design using the AutoDesk Inventor software. Students will create 3-D model of parts, assemble parts into a complete machine model and animate their design. Inventor is a 3-D modeling software that is used in many industries. Students who do well in this course can earn credit from Fox Valley Technical College that applies to their Mechanical Design program and may transfer to other programs.

**Note:** This is a Dual Credit Course with FVTC.



**Course:** TEC50 Metal Working Foundations    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** Yes    **Prerequisite(s):** No

**Description:** This course is designed to introduce students to many manufacturing processes including multiple welding processes, machine tool operation, and metal cutting beginning with safety instruction. This course will give a well-rounded look at manufacturing and provide a basic understanding for all future high school manufacturing course enrollments. Students who do well in this course can earn credit from Fox Valley Technical College that applies to their Machine Tool, Diesel Mechanics and Pipe trades Pre Apprentice program and may transfer to other programs.

**Note:** This is a Dual Credit Course with FVTC.

**Course:** TEC83 Woodworking 101    **Credit:** 0.5    **Grade Level:** 9-12

**Required Course Fee:** Yes    **Prerequisite(s):** No

**Description:** Wood and its products are renewable, green, and valuable materials that create jobs and products, and are much in demand by consumers. This introductory class will acquaint the student with the components, designs, and assembly of wood products and allow them to participate in the process of turning a raw material into a usable product. Focus will be on proper measurement, layout tools, hand tools, power tools, joinery techniques, wood types, and creative design.

**Course:** TEC17 Home Maintenance    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This is an essential class for all future homeowners! The Home Maintenance class will emphasize basic repair and maintenance techniques used in and around the home. Topics include plumbing; bath/shower systems, water heaters, faucets, toilets, drain, waste, vent, common materials; electrical; wiring basic outlets, switches, three way switches, differences between parallel and series wiring, ohm's law, electrical panels, soldering, common materials, cord repair, common voltages, wire size rating; Drywall; common materials/tools used, patching holes, texturing, standard installation practices, stud detection, and wall hanging/mounting strategies and fasteners. Other topics that will be incorporated are flooring, tiling, installation of windows and doors, caulking, home design, and basic framing.

**Course:** TEC32 MLR 1 (Maintenance and Light Repair)    **Credit:** 1.0

**Grade Level:** 10-12    **Required Course Fee:** No    **Prerequisite(s):** TEC36 Basic Car Care

**Description:** This fun and challenging dual credit course with FVTC gives students the ability to learn essential automotive skills required of an entry level technician. These skills can easily be transferred to many do it yourself operations on your car or truck. Skills will be taught in a hands on auto shop setting how to perform essential maintenance functions such as coolant flushes, transmission flushes, vehicle safety inspections, tire rotations, tire damage repair, mounting and balancing of tires & wheels, oil lube & filter changes and so much more. This course is the first step to a satisfying and rewarding career as a professional automotive technician.

**Note:** When you complete this course with a C or better, you'll earn 4.0 FVTC Transcribed Credits (Auto Maintenance & Light Repair 1)

**Course:** TEC33 Automotive System Diagnostics    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** TEC36 Basic Car Care



**Description:** Want to talk cars at the next level? Then this is the course for you! This course focuses on the development of diagnostic and repair skills in the area of vehicle starting and charging systems, electronic fuel injection, ignition systems and electronic engine management. Students will learn in a hands-on lab setting working on their own vehicle or shop vehicles in some cases. This course will well-prepare a student for entrance into a technical college automotive program or an entry level automotive position in the workplace.

**Course:** TEC34 Automotive Brakes, Steering & Suspension    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** TEC36 Basic Car Care

**Description:** This is where the rubber meets the road! This course provides students with the knowledge and skills required to safely troubleshoot and repair modern vehicle braking systems as well as modern vehicle steering and suspension systems. You will explore the operation and repair of base hydraulic and ABS braking systems, TCS traction control systems, wheel alignment, rack and pinion steering systems, McPherson strut suspensions and so much more.

**Course:** TEC36 Basic Car Care    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Keep that prized vehicle on the road longer!!! This is an entry level course designed to meet the needs of all students who want to save money and keep their vehicles looking good and running great for a long time to come. Students will learn and perform basic maintenance and light repair tasks recommended by all major vehicle manufacturers on their own vehicles by performing hands-on tasks. These tasks include oil and filter changes, tire service, cooling system inspections, battery service, interior and exterior care, and much more! No previous mechanical or vehicle knowledge is required. This course is a must for anyone who plans on owning their own vehicle!

**Course:** TEC46 Technology & Use of Wood    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** Yes    **Prerequisite(s):** Woodworking 101 (TEC83)

**Description:** This course will continue the study and use of wood in the construction and manufacturing of consumer goods. The emphasis will be on repeatable parts, tolerance, and the fitting of these parts to produce a product.

**Course:** TEC51 Introduction to Metals Processes    **Credit:** 0.5    **Grade Level:** 10-12

**Required Course Fee:** Yes    **Prerequisite(s):** No

**Description:** This beginning level course is designed to develop basic skills and knowledge in metal forming to include the welding process, precision measurement, layout, and machine tool operation. This class would also be valuable to a student wishing to work with art metal and jewelry. Students who do well in this course can earn credit from Fox Valley Technical College that applies to their Welding and Fabrication program and may transfer to other programs.

**Note:** This is a Dual Credit Course with FVTC.

**Course:** TEC54 Machining    **Credit:** 1.0    **Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Metalworking Foundations (TEC50). An alternative path would be through Intro to Metal Processing (TEC51) and Advanced Welding and Fab Production (TEC71)

**Description:** Machining is the process in which metalworkers remove material to make accurate and



useful products. Students taking Machining will learn to use manual and CNC machinery to make working objects. Topics include measurement, lathe, mill, drill, CNC programming, grinding, sawing, print reading, practical geometry, thread forming and basic shop math calculations. Students who successfully meet course requirements may earn 3 credits in FVTC's Machine Tool program.

**Note:** Must successfully meet course requirements to earn 3 credits in FVTC's Machine Tool program.

**Course:** TEC60 Architectural Design I    **Credit:** 0.5

**Grade Level:** 10-12    **Required Course Fee:** No    **Prerequisite(s):** No

**Description:** Unless you build your own business, the largest investment you make will be your home. Being able to choose a design that fits your lifestyle will make life more enjoyable and rewarding. This course will teach the student the basic parts of a home, how it is put together, and how the rooms and space can be used to the best advantage. This course will also allow students to design a tiny home using Auto CAD software then build a smaller scale 3D model out of wood of their house design.

**Course:** TEC70 Gas Metal Arc Welding Techniques 1    **Credit:** 1.0    **Grade Level:** 11-12

**Required Course Fee:** Yes    **Prerequisite(s):** Introduction to Metals Processes (TEC51)

**Description:** GMAW Welding is the most widely used welding process in industry. Upon successful completion of this course you will be able to weld in all positions and learn to make industry standard welds using short circuit, pulse and spray transfer processes. This course also covers the requirements of FVTC's Welding Symbols course. This course, in combination with Intro and advanced will lead to a 5 credit GMAW Welder, Basic certificate through FVTC.

**Note:** This is a Dual Credit Course with FVTC.

**Course:** TEC18 Engineering Drawing/AutoCAD    **Credit:** 0.5

**Grade Level:** 11-12    **Required Course Fee:** No    **Prerequisite(s):** No

**Description:** This is an introductory course for computer-assisted drafting. Students will become familiar with the symbols and commands of AutoCAD software by using a personal computer. Students will be made aware of what is involved using a CAD system and what industry expects from a CAD operator in the area of mechanical design. Students who do well in this course can earn credit from Fox Valley Technical College that applies to their Mechanical Design program and may transfer to other programs.

**Note:** This is a Dual Credit Course with FVTC.

**Course:** TEC71 Advanced Welding & Fabrication Product Development

**Credit:** 0.5    **Grade Level:** 11-12    **Required Course Fee:** Yes

**Prerequisite(s):** Introduction to Metals Processes (TEC51)

**Description:** Encounter real life welding and fabrication problems with the emphasis on product design and communication in the trades. Use your welding, machining and print reading skills along with CNC technology to solve real life metal fabrication and Machining problems. Students who do well in this course can earn credit from Fox Valley Technical College that applies to their Welding and Fabrication program.

**Note:** This is a Dual Credit Course with FVTC.



**Course:** TEC81.S1 & TEC81.S2 Residential Building Construction

**Credit:** 1.0 or 2.0 (Can be taken as a semester or year long course) **Grade Level:** 11-12

**Required Course Fee:** No

**Prerequisite(s):** Technology & Use of Wood (TEC46) or Home Maintenance (TEC17)

**Description:** Learn skills that you can use in future employment. Study topics and develop skills in the areas of: licensing requirements; Uniform Dwelling Code; construction math fundamentals; creating/reading building plans; material estimating; foundations; construction processes; site layout; concrete fundamentals; rough framing techniques; floor, wall, and roof framing; siding; roofing; door and window installation.

# Theater Arts

Are you interested in exploring the world of drama? Through participation in theatre arts classes, you will gain confidence when performing in front of your peers. The introduction to Drama class allows you to experience units in stage combat, storytelling, pantomime, and acting scenes and monologues. The Advanced Drama class focuses on production. Both courses emphasize improvisation skills, which is acting in the moment. These "quick thinking" skills encourage creativity and mental flexibility, skills needed in all jobs and aspects of life.

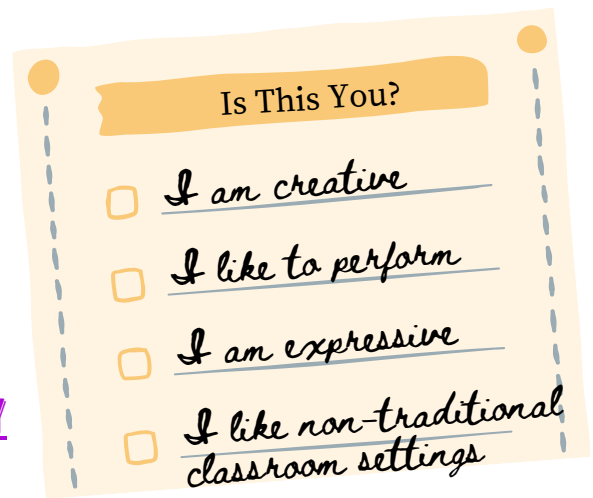
## Career Opportunities:

Personal Trainer, Physical Therapist

**ALL SCHOOL PLAY**

**FORENSICS  
TEAM**

## Potential to Earn:



## Course Flow

Intro-Level  
Course

**Drama**  
Grades 9-12

Grades 10-12

**Advanced  
Drama**  
Grades 10-12



## Theater Arts Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** FAR01.S1 & FAR01.S2 Drama      **Credit:** 0.5 or 1.0 (Can be taken as a semester or year long course)

**Grade Level:** 9-12      **Required Course Fee:** No      **Prerequisite(s):** No

**Description:** Students enrolling in drama study all aspects of drama including stage combat, make-up, directing, acting, lighting, costuming, oral interpretation, improvisation, dramatic literature and script analysis. Because the content of the class changes yearly, students may enroll in this class for a maximum of two years, and receive the appropriate credits. Sign-up may be for the entire year or for a given semester.

**Course:** FAR02.S1 & FAR02.S2 Advanced Drama      **Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12      **Required Course Fee:** No      **Prerequisite(s):** Drama and/or by Audition

**Corequisite(s):** You must take both semesters

**Description:** Advanced Drama takes a more in-depth and creative approach to acting, directing and producing a play. Students in this class choose, perform, and direct plays. In addition to presenting plays, the students study playwrights, view professional productions and direct or act in the senior directing projects. Because the content of the class changes yearly, students may enroll in this class more than one time, and receive the appropriate credits.



# World Languages

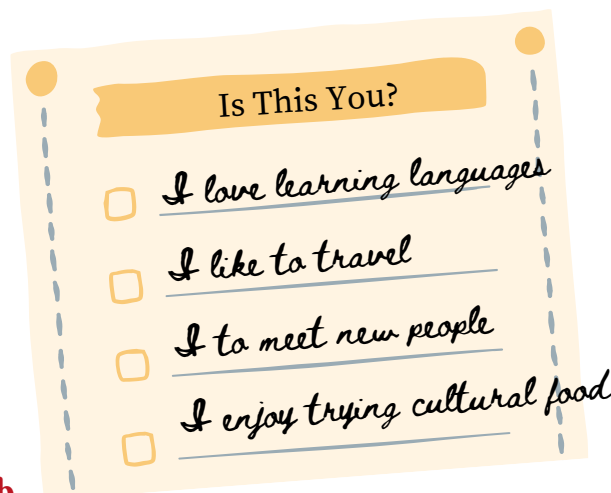
Earn elective credits while you work! Through Work Experience and Youth Apprenticeship, qualifying students are able to do just that. This tool of career exploration will give students hands-on experiences in the real world. Work Experience allows sophomores, juniors and seniors to earn credits while they are working. Youth Apprenticeship is a prestigious program where juniors and seniors earn a certificate through the state of Wisconsin in a specific pathway. This program is for students who have taken 2 more classes in that pathway and will complete related work competencies so they are proficient and prepared for the workforce. In addition to earning a state certification, students may gain advanced standing in post secondary education as well as be considered highly employable with this credential.

## Career Opportunities:

International Business, Translator, Travel Guide, Military, Nursing

[German Club](#)

[Spanish Club](#)



## Potential to Earn:

### Course Work in this Career Pathway

Exploration  
Courses

**Spanish I**

Intro-Level  
Course

**Spanish II**

Intermediate  
Courses

**Spanish III**

Specialized  
Courses

**Spanish IV**

Capstone  
Courses

**Spanish V**



## World Language Course Descriptions

(These courses can apply toward elective credit requirement)

**Course:** FOR06.S1 & FOR06.S2 Spanish I

**Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 9-12    **Required Course Fee:** No    **Prerequisite(s):** No

**Corequisite(s):** You must take both semesters

**Description:** Spanish I is an introduction to the Spanish language. Most students beginning Spanish have not had a language course before. Students will therefore learn various study strategies to help them learn the Spanish language. The course will emphasize pronunciation, basic grammar and vocabulary. Students will also be exposed to various aspects of Spanish and Latin American cultures.

**Course:** FOR07.S1 & FOR07.S2 Spanish II

**Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Spanish I (FOR06.S1 & FOR06.S2)

**Corequisite(s):** You must take both semesters

**Description:** Spanish II reinforces and adds to the vocabulary and grammar skills learned in Spanish I. Students will continue to strengthen communication skills by listening, speaking, reading and writing in Spanish. Students learn through dialogues, short stories, music, lectures, communicative activities, and original skits. Students continue to learn more about Spanish and Latin American cultures.

**Course:** FOR08.S1 & FOR08.S2 Spanish III

**Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 10-12    **Required Course Fee:** No

**Prerequisite(s):** Spanish II (FOR07.S1 & FOR07.S2)

**Corequisite(s):** You must take both semesters

**Description:** Spanish III emphasizes a more advanced level of writing skills in the target language. Students learn through communicative activities, dialogues, stories, lectures, music, original skits and videos. A more advanced and in-depth study of grammar and vocabulary based on the previous two years is learned. A cultural investigation continues of Spain and various Latin American countries.



**Course:** FOR09.S1 & FOR09.S2 Spanish IV

**Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 11-12    **Required Course Fee:** No

**Prerequisite(s):** Spanish III (FOR08.S1 & FOR08.S2)

**Corequisite(s):** You must take both semesters

**Description:** Spanish IV students are at an advanced level of Spanish. They are expected to communicate in Spanish during the class. They review Spanish grammar, and students learn the subjunctive and other compound verb tenses. There will be reading of important Spanish and Latin American literature, as well as some advanced translating. Students will prepare and present individual and group projects. Spanish IV students will keep journals for their written compositions and movie critics in Spanish.

**Course:** FOR10.S1 & FOR10.S2 Spanish V

**Credit:** 1.0 (Course is a full year course - 0.5 per semester)

**Grade Level:** 12    **Required Course Fee:** No

**Prerequisite(s):** Spanish IV (FOR09.S1 & FOR09.S2)

**Corequisite(s):** You must take both semesters

**Description:** Spanish V students are expected to converse in only Spanish during class. They read authentic literature in Spanish and other appropriate materials. A review of the grammar and vocabulary is continued. Spanish V concentrates on reading, writing and speaking solely in Spanish.



## AP vs. CAPP

Waupaca High School offers an array of opportunities for students to take advanced coursework and potentially earn college credit. Two of these exciting opportunities include AP (Advanced Placement) and CAPP (Cooperative Academic Partnership Program). Because of the similarities in name, AP and CAPP opportunities are often confused. The table below outlines key differences between the two and contains contact information if you/your child has questions.

	AP	CAPP
<i>Supervising body</i>	College Board	UW-Oshkosh
<i>Class codes in course catalog:</i>	AP + Course name	UWO Dept. name + three digit course number
<i>Courses are offered in:</i>	Multiple subject areas excluding English/Language Arts	Only English/Language Arts
<i>Course fees must be paid:</i>	N/A	YES
<i>Exam fees must be paid:</i>	YES	N/A
<i>Associated fees are paid:</i>	Through Infinite Campus	Through Infinite Campus
<i>College credit is based on:</i>	Performance on the AP exam, which requires an exam fee. Students must sign up for the AP exam in the fall	Performance/grade in the course
<i>Critical communication is sent via email from</i>	Infinite Campus Messenger/Mrs. Bank	CAPP teacher/UW-Oshkosh
<i>Course may be taken for high school credit only:</i>	Yes, but discouraged	Yes, but discouraged
<i>Courses are open to:</i>	Students of any grade level	Junior and seniors
<i>Technical support/account setup questions should be directed to</i>	<a href="https://about.collegeboard.org/contact-us">https://about.collegeboard.org/contact-us</a> (calling 888-225-5427 is most efficient)	<a href="https://uwosh.edu/capp/">https://uwosh.edu/capp/</a>

Questions about your/your child's **CAPP classes** should be directed to **the CAPP teacher**.

Questions about your/your child's **AP classes** should be directed to **the AP teacher**.

Questions about your/your child's **AP exam(s)** should be directed to the **AP Coordinator** (Mrs. Bank, [jbank@waupacaschools.org](mailto:jbank@waupacaschools.org)).



## Advanced Course Options

At Waupaca High School, our mission is to “develop our students' capabilities to achieve their dreams and make the world a better place...” In order for us to achieve this mission, we strive to connect student’s specific academic, career, and personal needs with our robust offering of educational opportunities. With every student, we work to create a graduation plan of study that best prepares them to succeed in their post high school graduation goal. Creating a graduation plan, which is also referred to as an Academic and Career Plan (ACP), requires the careful alignment of graduation requirements and career related courses. Because many career related courses provide students with the opportunity to earn college credit or industry recognized certifications, there are costs associated with most of these advanced courses.

The purpose of this document is to inform students and families of the advanced course options and any associated costs that your student has selected for the upcoming school year. The next section of this document is a summary of the courses your student has signed up to take and any associated costs. Explanation of courses and programs begin on page 2. If you have any questions about these courses and/or their costs, please contact your student’s counselor: Bill Storck (last names A-L) or Jeff Dolski (last names M-Z) at 258-4131.

## Advanced Course Options

To assist students and families with understanding advanced course options and their associated costs, the remainder of this document is broken down into the following sections:

- Courses Offered at Waupaca High School
- Courses Not Offered at Waupaca High School

### **COURSES OFFERED at WAUPACA HIGH SCHOOL**

Page 3 of the WHS Course Offerings Catalog (found on the WHS webpage/Student Services/Scheduling/Course Catalog & Flow Charts) lists current AP, CAPP, and Dual Credit courses offered at Waupaca High School. While this comprehensive list meets the needs of most students, this is not an exhaustive list of every advanced course option available to our students. Based on a student’s Academic and Career Plan, other advanced course options may be available. Students must work with their counselor on enrolling in the most appropriate courses.

- **AP Courses:** AP, or Advanced Placement courses are offered in a variety of departments at WHS, excluding our English/Language Arts department (because we offer CAAP ELA courses).
  - There is no fee for a student to participate in an AP course, but students must pay to take the AP exam if they desire to earn college credit. While taking the AP exam is not required, we strongly encourage all students enrolled in an AP course to take the exam. Students who pass the AP exam earn college credit. Please see the [AP vs. CAPP document](#) for more information.
  - Students who qualify for free/reduced lunch **and** fill out the additional fee waiver request form pay \$0.00 for the exam and are only responsible for late fees or cancellation fees.
  - Final grades will be provided by the course instructor and will be factored into the student’s G.P.A.
- **CAPP Courses:** CAPP, or Cooperative Academic Partnership Program courses, are offered in our English/Language Arts department.



- While a student may participate in a CAPP course for high school credit only, those who enroll in UW-Oshkosh through the CAPP program will also be eligible to earn college credit. The cost for CAPP course credits is set by UW-Oshkosh annually; a portion of this fee is paid by the school district, while the student/family is responsible for rest and any additional costs (i.e., textbooks). Please see the [AP vs. CAPP document](#) for more information.
- Students who qualify for free/reduced lunch **and** fill out the additional fee waiver request form are eligible for a reduction in their course fee and are responsible for late fees or cancellation fees.
- Final grades will be provided by the course instructor and will be factored into the student's G.P.A.
- **Dual Credit Courses:** Dual Credit courses provide students with the opportunity to earn technical college credits in a variety of departments at WHS.
  - The WHS Course Offerings Catalog provides course specific information regarding each dual credit course.
  - Most Dual Credit courses are free for WHS students.
  - Final grades will be provided by the course instructor and will be factored into the student's G.P.A.
- **Online Learning:** The School District of Waupaca partners with the Rural Virtual Academy to provide students with online learning opportunities in a variety of content areas.
  - To learn more about online learning options, students should review the Online Learning section of the WHS Course Offerings Catalog and speak with their counselor.
  - Final grades will be provided by the course instructor and will be factored into the student's G.P.A., with the exception of OdysseyWare courses which will be graded on a Pass/Fail option (Pass/Fail courses do not impact a student's G.P.A.).

### **COURSES NOT OFFERED at WAUPACA HIGH SCHOOL**

While we strive to connect student's specific academic, career, and personal needs with our robust offering of courses offered at Waupaca High School, we also know that to best meet the after high school plans of every student, we sometimes need to partner with colleges and universities. When matching students' Academic and Career Plans (ACP) with our course offerings, we sometimes recommend students participate in college or university level courses at nearby college or university campuses. Depending on the student's ACP, we may recommend students participate in the Early College Credit Program (participation at a University of WI System institution, e.g., UW - Stevens Point) or the Start College Now program (participation at a WI Technical College, e.g., FVTC). Successful participation in

- Course participation fees for Early College Credit or Start College Now courses are generally paid for by the School District of Waupaca. For more information about these programs, please refer to the Early College Credit/Start College Now section of the WHS Course Offerings Catalog and speak with a counselor.



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

Meeting the Academic and Career Planning needs of all students sometimes requires that students be enrolled simultaneously in both high school and college or university courses to earn both high school and college credit. Such programs make college more affordable for families and introduce students to higher level coursework before they immerse themselves in college life. For a detailed understanding of these programs, please review the [Early College Credit Program](#) and [Start College Now](#) webpages. Additional information can also be found within the School District of Waupaca Board of education policies:

- [po2271.01 Technical College Course Program \(Start College Now\)](#)
- [343.45 R1 Technical College Course Program \(Start College Now\)](#)
- [po2271 Early College Credit Program](#)
- [343.46 R1 Early College Credit Program](#)

### ***Early College Credit Program (ECCP) and Start College Now (SCN) Procedures***

1. Student meets with their counselor and completes the [ECCP](#) or [SCN](#) request form. This also includes paperwork for the distance learning courses.
2. Student requests submitted to the Student Services Secretary by **October 1** for consideration for the following spring semester and **March 1** for consideration for the following fall semester. The Student Services Secretary will enter all ECCP and SCN requests into an internally shared spreadsheet.
3. By October 8 or March 8 of the request deadline, a ECCP/SCN request approval meeting will happen involving the WHS Principal, WHS Counselors, and the School District of Waupaca (SDW) Director of Teaching and Learning. Students and families will be notified of the decisions reached during this meeting within 7 days.
4. By October 31 or March 31, all approved request forms will be sent to the appropriate institutions of higher education by the Student Services Secretary.
5. Institutions of higher education schedule students and return paperwork to students. Students must share the schedule they receive from the institution of higher education with their counselor as soon as they receive it. **This is a critical step to ensure the student schedule meets graduation requirements.**
  - a. Counselor and student review institute of higher education recommended schedule to see:
    - i. If the old and new requests/approvals still match
      1. If an institute of higher of education suggests a different course due to course availability, the “new” course must be approved by the principal
      2. Student requested changes must align with original approval in terms of overall number of credits/Academic and Career Plan (ACP)
    - ii. Student ACP is still accurate/current
    - iii. The course schedules (WHS and institute of higher education) work/do not contain any course date/time conflicts
    - iv. Course changes entered into ECCP/SCN spreadsheet
6. [Course textbook options](#)
7. Student participates in approved ECCP/SCN course(s).
  - a. Parents - please know that grades for courses taken at institutes of higher education will only be posted to Waupaca High School transcripts at the end of the course - please work with your child on knowing and getting access to their ECCP/SCN grades.



8. At the completion of the course(s):
  - a. The student successfully completes the approved course(s):
    - i. A copy of the course grades is submitted to the Counselor from the institute of higher education for high school transcript transcription
    - ii. Student may be approved to take additional ECCP/SNC courses
  - b. The student does not successfully complete the approved course(s):
    - i. A copy of the course grades is submitted to the Counselor from the institute of higher education for high school transcript transcription
    - ii. Student will not be approved to take additional ECCP/SNC courses, or other dual enrollment courses offered within WHS
    - iii. All fees associated with the failed course(s) will be added to the student fees
9. All invoices received from institutes of higher education should be given to the School District of Waupaca Director of Teaching and Learning, who will compare the invoice to the approved courses noted on the ECCP/SCN spreadsheet.

### **ECCP/SCN Textbook Options**

The following are options when needing a textbook(s) for your ECCP/SCN course(s):

- **First, please check in the WHS Library to see if your book is available within WHS.**
- If you are taking a course through Fox Valley Technical College, please refer to their [Textbook acquisition instructions](#).
- If your required textbook(s) is not available at WHS, and you are not participating in the course through Fox Valley Technical College, then please choose one of the following textbook purchasing pathways:

<b>Purchase the textbook(s) yourself</b>	<b>Have the School District of Waupaca Purchase your textbook(s)</b>
<ul style="list-style-type: none"><li>● This is best if you want to keep the textbook at the end of the course.</li><li>● If you desire to be reimbursed for the textbook, provided that it is in good condition, please bring your textbook and original receipt to Mark Flaten, Director of Teaching and Learning, in the District Office.</li><li>● Reimbursement can take 30-60 days (note reimbursement may not be processed until grade for the course has been posted). <b><u>Please be sure to shop for the best (lowest) price for your required text.</u></b></li><li>● The same process will apply if you chose to rent your textbook vs purchase it--except you are responsible for returning the book to the place of rental.</li></ul>	<ul style="list-style-type: none"><li>● Email Mark Flaten, Director of Teaching and Learning, in the District Office, with textbook details (name, author, edition, url link) to purchase textbook(s).<ul style="list-style-type: none"><li>○ Please do not wait until the last minute to pursue this option as shipping may add a few days to your request.</li></ul></li><li>● Any District purchased textbooks must be returned at the end of the semester to Mark Flaten, Director of Teaching and Learning, in the District Office.</li><li>● If you do not end up passing the course, or you do not return your textbook, you will be responsible for reimbursing the School District of Waupaca.</li></ul>

If you have any questions regarding textbooks, please contact: Mark Flaten, Director of Teaching and Learning, in the District Office ([mflaten@waupacaschools.org](mailto:mflaten@waupacaschools.org) or 715-258-4121).





## Online Learning Options

### ONLINE LEARNING OVERVIEW

Online instruction is a means to enhance or expand current course offerings and to provide an educational alternative better suited to individual learning needs. Online learning generally occurs through either synchronous or asynchronous learning. Synchronous online learning refers to students and instructors gathering at the same time and place (virtual or physical) and interacting in “real-time.” Asynchronous learning refers to students accessing materials at their own pace and interacting with each other over longer periods. **Either type of online learning requires students to be self-motivated and highly organized.**

Currently, our district partners with the Rural Virtual Academy (RVA) to provide students with online course options. In circumstances where a student’s ACP course options can not be met with District or RVA course options, the District may partner with other online educational options; this will require prior approval from the Building Principal. Student participation in online courses is limited to two courses/semester and must be directly related to the student’s Academic and Career Plan (ACP). Exceptions to the limit of two courses/semester may be considered for students identified as At-Risk, or as approved by Building Administration. Online course participation is not intended to resolve schedule conflicts within a school building.

All RVA online courses are designed to be completed within a semester, or within 4 months from the date of enrollment. Students can expect to spend as many hours completing an online course as they would completing a course in a traditional setting. If applicable, time will be provided to students by assigning an additional study hall to allow for online course participation and completion. However, just as with traditional classes, work may need to be completed outside of school hours.

Attendance in online courses is performance based. It is measured not only by logging into the course but by successful submission of completed assignments, participation in course activities such as discussion, and communication with the online instructor.

Students must complete the course in the allotted time frame/semester, beginning with the online course orientation. Students will only be awarded 0.5 credit for each online course they successfully complete. Grading for RVA courses is based on the RVA grading scale found in the RVA Student Handbook. While regular progress checks will be made by the Learning Center Coordinator and/or RVA Coach and communicated to the student, parent/guardian, and Counselor, students will not receive mid-term or quarterly grades; only final semester grades.

### ONLINE COURSE SUPPORTS

Students taking online courses through the RVA will be provided with a Coach/WHS RVA Coordinator and/or Teacher (who may be a Waupaca staff member or a RVA staff member), and access to the Learning Center provided by Waupaca School District. The Coach/WHS RVA Coordinator may also be a liaison between the student and the online course instructor if problems arise. The District will make every reasonable effort to ensure student success with online courses.

### ONLINE LEARNING COURSE REGISTRATION & TIMELINES

Students who wish to take an online class must be in good academic standings and must follow traditional course registration timelines. Students interested in participating in an online course must



work directly with school counselors to ensure alignment between requesting courses and students' Academic and Career Plan. School Counselors and/or WHS RVA Coordinator will register the students for approved online courses.

Students will be offered the opportunity to enroll in two(2) online courses per semester. Students must commit to completing any online course taken within the agreed time period, as noted on page 3 of this document.

Students participating in RVA courses have 14 days from the start date of a course to determine if they will be successful in the online course environment. Students may also be pulled within the first 14 days of starting a course if they fail to show adequate progress as determined by the School District of Waupaca RVA Coordinator, Waupaca School Counselor, and/or RVA Teachers. Students who drop, fail to complete, discontinue or fail online courses may jeopardize their continued enrollment in online education opportunities.

### **ONLINE LEARNING COSTS**

The District shall pay the costs associated with student's enrollment in approved online courses if the course is taken for high school credit or if the course is not comparable to a course offered in the District.

The District shall require the student or parent/guardian to reimburse the District for all amounts paid for the course on the student's behalf if:

- A student drops or does not continue a course after the 25th day of starting a course
- Receives a failing grade in the online course
- Fails to complete the course within the specified timeline

If reimbursement is not made upon request, the student is ineligible for any further participation in online courses.

If you have any questions about online learning options, please contact your student's counselor: Bill Stork (last names A-L) or Jeff Dolski (last names M-Z) at 258-4131.