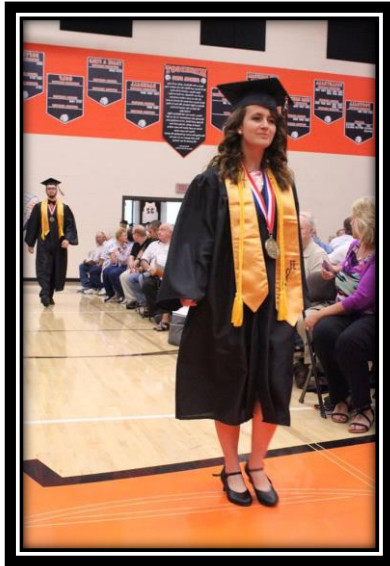


## Mishicot High School Career Pathways

Mishicot High School (MHS) is proud to offer a comprehensive high school experience. The Association for Career and Technical Education outlines 16 Career Clusters and 79 Career Pathways. Students at MHS are able to complete course work in all of the 16 nationally established Career Clusters. We are able to offer 23 pathways for students to explore while in high school. These pathways are utilized by students, parents, and teachers in the development of each student's individualized Academic and Career Plan.



## Mishicot's Graduation Requirements

The graduation requirements at MHS are intended to prepare all students for all post-secondary options: workforce, technical college, four year college and the military.

### **Total Required Credits for Graduation-28.5**

**4.5 credits – English** – English 9 (1 credit), English 10 (1 credit), R and I (.5 credit), English 11 or AP Literature (1 credit) and English 12 or Written Communication, or Honors English (1 credit)

**3.5 credits – Social Studies** – World History or AP World History (1 credit), US History 10 or AP US History (1 credit), Government or AP Government (.5 credit), US History 11 (.5 credit), Financial Literacy (.5 credit)

**3.00 credits – Science** – Earth Science (1 credit), Biology (1 credit), and one of the following: Introduction to Horticulture, Large Animal Science, AP Biology, Chemistry, Physics, Medical Terminology, or Anatomy and Physiology

**3.00 credits – Mathematics** – Algebra (1 credit) and Geometry (1 credit) and Algebra II (1 credit)

**1.50 credits – Physical Education** recommended Fit Freshmen (.5 credit), Fit for Life 1 or Performance Enhancement 1 (.5 credit), and any other PE course (.5 credit), must be taken in three different grade levels

**.50 credit – Health** If this was met in Middle School, this will not be a credit on your transcript

**11.50 elective credits** if you need to take Health in High School or 12.00 elective credits

**1.0 Credit - Career Portfolio**

## Agriculture/Food/Natural Resources

### **Animal Science Pathway**

- \_\_\_ Intro to Agriculture
- \_\_\_ Small Animal Science
- \_\_\_ Large Animal Science
- \_\_\_ Spanish
- \_\_\_ Youth Apprenticeship: Veterinarian Technician

### **Plant Science Pathway**

- \_\_\_ Intro to Agriculture
- \_\_\_ Introduction to Horticulture
- \_\_\_ Landscape and Design
- \_\_\_ Spanish
- \_\_\_ Youth Apprenticeship: Horticulture

### **Wildlife and Natural Resources Pathway**

- \_\_\_ Intro to Agriculture
- \_\_\_ Wildlife Management
- \_\_\_ Natural Resources
- \_\_\_ Spanish

### **Food Science Pathway**

- \_\_\_ Intro to Agriculture
- \_\_\_ Foods
- \_\_\_ Pro Start I
- \_\_\_ Pro Start II
- \_\_\_ Food Science

### **Student Organization:**

FFA

### **Community Organizations:**

Woodland Dunes  
Humane Society  
DNR Safety Instructor  
4-H  
Maribel Caves

## Architecture and Design

### **Construction Pathway**

- \_\_\_ General Woodworking
- \_\_\_ Advanced Woodworking
- \_\_\_ Drafting
- \_\_\_ Home Repair & Construction
- \_\_\_ Drawing
- \_\_\_ Electricity
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Youth Apprenticeship: Carpentry
- \_\_\_ Youth Apprenticeship: HVAC
- \_\_\_ Youth Apprenticeship: Masonry
- \_\_\_ Youth Apprenticeship: Plumbing

### **Community Organizations:**

Habitat for Humanity  
Pinecrest Historical Village  
Maritime Museum  
Camp Tapawingo



## Arts/AV Technology and Communication

### Graphic Design Pathway

- \_\_\_ Art Foundations
- \_\_\_ Design Foundations
- \_\_\_ Computer Art
- \_\_\_ Web Development
- \_\_\_ Web Development II
- \_\_\_ Publications
- \_\_\_ Advanced Computer Art
- \_\_\_ Photo
- \_\_\_ Youth Apprenticeship: Sales and Marketing

### Performing Arts/Vocal - Choir

- \_\_\_ 4 years Choir
- \_\_\_ Spanish
- \_\_\_ Exploring Theater

### Performing Arts/Vocal - Sound Wave

- \_\_\_ 4 years Sound Wave
- \_\_\_ Spanish
- \_\_\_ Exploring Theater

### Performing Arts/Instrumental

- \_\_\_ 4 years Symphonic Band
- \_\_\_ Exploring Theater

### Student Organizations:

- FBLA
- Forensics

### Community Organizations:

- Manitowoc Civic Center
- Rahr West Museum
- Manitowoc Symphony
- Maritime Museum
- Pinecrest Historical Village

## Business Management and Administration

### Business Pathway

- \_\_\_ Intro to Business
- \_\_\_ Customer Service
- \_\_\_ Microsoft Office Level I
- \_\_\_ Microsoft Office Level II
- \_\_\_ Leadership & Professionalism
- \_\_\_ CAP Communications
- \_\_\_ Statistics
- \_\_\_ Youth Apprenticeship: Insurance

### Student Organizations:

- FBLA
- Forensics

### Community Organizations:

- Pinecrest Historical Village
- Maritime Museum
- Manitowoc County Expo Center



## Education and Training

### Education Pathway

- \_\_\_ Parent and Child
- \_\_\_ Early Childhood
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Psychology
- \_\_\_ Sociology
- \_\_\_ CAP Spanish
- \_\_\_ School to Work
- \_\_\_ AP Human Geography

### Student Organizations:

- FCCLA
- Forensics

### Community Organizations:

- Big Brothers and Big Sisters
- YMCA
- DNR Safety Instructor
- Maritime Museum
- Camp Tapawingo



## Health Science

### Health Science Pathway

- \_\_\_ Health Promo and Wellness
- \_\_\_ Intro to Health Occupations
- \_\_\_ 1<sup>st</sup> Aid and Safety
- \_\_\_ Anatomy and Physiology
- \_\_\_ Medical Terminology
- \_\_\_ Spanish
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Youth Apprenticeship: Dental Assistant
- \_\_\_ Youth Apprenticeship: Certified Nursing Assistant

### Student Organization:

- HOSA

### Community Organizations:

- Holy Family
- Aurora Health Care



## Hospitality and Tourism

### **Culinary Arts**

- \_\_\_ Foods
- \_\_\_ ProStart I
- \_\_\_ ProStart II
- \_\_\_ Customer Service
- \_\_\_ Leadership & Professionalism
- \_\_\_ Youth Apprenticeship: Hospitality

### **Student Organization:**

- FCCLA
- FBLA
- FFA

### **Community Organizations:**

- Pinecrest Historical Village
- Maritime Museum

## Human Services

### **Human Services**

- \_\_\_ Psychology
- \_\_\_ Sociology
- \_\_\_ Abnormal Psych
- \_\_\_ Customer Service
- \_\_\_ Leadership & Professionalism
- \_\_\_ Parent and Child
- \_\_\_ CAP Spanish
- \_\_\_ AP Human Geography

### **Student Organization:**

- FCCLA

### **Community Organizations:**

- United Way
- Big Brothers and Big Sisters
- YMCA
- Domestic Violence Center
- Hope House



## Information Technology

### Programming Pathway

- Intro to Business
- Programming I
- Programming II
- Web Development I
- Web Development II
- Youth Apprenticeship: Information Technology

### Student Organization:

FBLA



## Manufacturing

### Manufacturing Pathway

- Intro to Manufacturing
- Machine Tool
- Welding
- Engineering Applications
- Youth Apprenticeship: Machining
- Youth Apprenticeship: Welding
- Youth Apprenticeship: Industrial Maintenance

### Engineering Pathway

- Drafting
- Solid Works
- Engineering Applications
- Electricity
- AP Calculus
- Calculus II
- Physics
- Youth Apprenticeship: Engineering

### Student Organization:

Robotics

### Community Organizations:

Habitat for Humanity  
Pinecrest Historical Village

**Liberal Arts and Sciences**  
**(Associates Degree requirements)**

**General Studies Pathway**

- \_\_\_ Written Communications
- \_\_\_ College Math
- \_\_\_ Principles of Sustainability
- \_\_\_ Psychology
- \_\_\_ Sociology
- \_\_\_ Research & Inquiry



**Marketing**

**Marketing Pathway**

- \_\_\_ Principles of Marketing
- \_\_\_ Selling Principles
- \_\_\_ Psychology
- \_\_\_ Publications
- \_\_\_ CAP Communications
- \_\_\_ Statistics
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Youth Apprenticeship: Sales and Marketing

**Student Organization:**

FBLA

**Community Organizations:**

Pinecrest Historical Village

## Finance

### Accounting Pathway

- \_\_\_ Office Accounting
- \_\_\_ Customer Service
- \_\_\_ Leadership & Professionalism
- \_\_\_ Personal Finance
- \_\_\_ Statistics
- \_\_\_ Youth Apprenticeship: Banking
- \_\_\_ Youth Apprenticeship: Accounting

### Student Organization:

FBLA

## Transportation and Logistics

### Transportation and Logistics

- \_\_\_ Intro to Business
- \_\_\_ Microsoft Office
- \_\_\_ Power & Ag Mechanics
- \_\_\_ Accounting
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Youth Apprenticeship: Agricultural Mechanic
- \_\_\_ Youth Apprenticeship: Auto Technician
- \_\_\_ Youth Apprenticeship: Diesel Technician





## Law and Public Safety

### Law and Public Safety

- \_\_\_ Psychology
- \_\_\_ Sociology
- \_\_\_ Parent and Child
- \_\_\_ Abnormal Psychology
- \_\_\_ Written Communications
- \_\_\_ CAP Communication
- \_\_\_ Spanish
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Microsoft Office
- \_\_\_ AP Government

### Student Organization:

- Student Government
- Mock Trial

### Community Organization:

- Two Rivers Police Department Explorers Program
- DNR Safety Instructor
- Manitowoc County Youth Diversions Program



## Government and Public Administration

### Government and Public Administration

- \_\_\_ AP Government
- \_\_\_ Psychology
- \_\_\_ Sociology
- \_\_\_ Leadership & Professionalism
- \_\_\_ Customer Service
- \_\_\_ Spanish
- \_\_\_ CAP Communications
- \_\_\_ Microsoft Office
- \_\_\_ Written Communications
- \_\_\_ AP Human Geography

### Student Organization:

- Student Government
- Mock Trial

