Freedom High School

Career Planning and Course Guide

2025-2026

Freedom School District Mission Statement

The mission of the Freedom Area School District is to develop in our youth a continuing desire to learn. To this end, educational programs which fit the appropriate developmental abilities, needs and interests of our students will be provided on an equal basis. With this goal in mind, appropriate academic, cognitive, emotional, physical, social and vocational skills will be developed in our students.

January 2025

Dear Students/Parents:

The 2025-2026 Career Planning and Course Guide has been designed to help you develop and manage your four-year educational program. A review of this publication will reveal the rigor of our academic programs as well as the diversity of the curricular offerings. Our goal is to provide a variety of options that will allow you to individualize a course of study that meets your specific goals and interests.

The FHS Career Planning and Course Guide provides in-depth descriptions for all courses and course levels. Please take the time to review this information, reflect on personal goals, and ultimately, make informed decisions that will positively impact your academic progress.

Freedom High School staff members are committed to providing an educational climate that will allow each and every student the opportunity to achieve his/her highest potential. We encourage you to thoroughly explore the offerings presented and use this FHS Career Planning and Course Guide as a framework for discussions with your parents, teachers, and school counselors. Best wishes for a productive and meaningful school year.

Sincerely,

Kurt Erickson

Principal

Registration Process

• Read the information contained in the *Course Book; and discuss* with your parents.

• Consider post graduation plans, academic performance, knowledge of entrance demands of post secondary institutions, the military, apprenticeship, and the world of work.

• Time commitment to extracurricular activities and part-time employment will have a direct bearing on academic load.

• Be certain to take all required classes.

• Know the prerequisites for your class choices.

• Some courses are leveled to increase rigor.

• Choose appropriate course levels based on test results, teacher recommendation, and past class performance.

• Understand what classes are considered an *Academic Credit* - Consult with a School Counselor.

• Check to see if you have the credits required for graduation.

• Every student is advised to enroll in a minimum of 8 credits every year.

• Most classes are worth a half (0.5), one (1) or one and a half (1.5) credit.

• Before selecting a course, read and understand the course description.

• Complete and/or update the *4 Year Plan. Incoming freshmen will work on their 4 year plan as well at their SPEC conference.*

FRESHMEN:

• Complete the *Course Selection Sheet and be sure it is* signed by you and your parent(s).

• Return your completed *Course Selection Sheet to the guidance office.*

SOPHOMORE THROUGH SENIORS:

• Counseling Office will present to each grade level and hand out the *Course Selection Sheets.*

• Complete the *Course Selection Sheet to use as a reference in the course selection process.*

• Students will input their courses on scheduled days arranged by the Counseling Office.

Welcome to Wisconsin Academic and Career Planning

Academic and Career Planning, or ACP, is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills.
XELLO is a self-exploration and planning platform that helps students achieve their potential in school, career and life.
Academic and Career Planning (ACP) is a part of "IRISH HOUR" and is implemented by all grade levels to achieve college or career readiness.

BUILD **SELF-AWARENESS**

Users learn about themselves—their interests, skills, preferences and aspirations—so they can explore the opportunities right for them.

EXPLORE **OPTIONS**

They learn about career possibilities and educational pathways by exploring careers. schools, and major areas of study.

CREATE A **PLAN**

A dynamic, actionable plan outlines the steps needed to achieve career, school and life goals.

MAKE IT **REAL**

Plans are then brought to life—whether for a career, job or college—by taking informed action.

Inspire Wisconsin

Career Exploration, Beyond the Classroom

- **Job Shadows**
- **Career Fairs**
- **Career Mentoring**
- **Youth Apprenticeship**
- **Workforce Pathways**
- **Virtual Career Experience**
- **Job Preparation Support**

https://inspirewi.org/
ACADEMIC AND CAREER PLANNING

The following 16 **Career Clusters** represent the industries and occupations high school students can enter when they join the workforce. Each cluster has a similar set of knowledge and skills that students need to learn in order to be successful. Universities and colleges have adopted the career clusters and established major areas of study for potential job placement.

The **Career Pathway** is the specific program made up of classes and skills that students will learn in order to explore different careers. The pathways connect students to their future educational opportunities and employment. For each pathway, students should consider what the academic expectations of high school are, what essential knowledge and skills they must learn in high school, what cluster-specific knowledge and skills they must learn in high school, and what career pathway-specific knowledge and skills that they will learn.

Career Clusters & Pathways

Course Guide

Agriculture, Food & Natural Resources

This field focuses on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture and other plants and animal products/resources.

Sample Careers:

- Horticulturist
- Fruit and Vegetable Grower
- Conservation Officer
- Farmer
- Food Scientist
- Forester
- Butcher
- Arborist
- Agricultural Educator
- Agricultural Technician
- Agronomist
- Wildlife Technician

Career Pathways:

- Agribusiness Pathway
- Animal Systems Pathway
- Food Products / Processing Systems Pathway
- Plant Systems Pathway
- Natural Resource / Environmental Systems Pathway

Agribusiness

	Pathway Courses	***Related Electives***
Year 1	• Intro to AgriScience-ES	• Spanish 1, 2
Year 2	• Biology	• Medical Business Spanish
Year 3	• Leadership for Life	• CAPP Biology 105
	• Agribusiness & Personal Finance	• Biotechnology-ES
	• CAPP English 101	• Programmable Logic Controllers
Year 4	• Dairy & Meat Processing	• AP Stats • Economics
	• CAPP English 214	• Floral Design
	• Agricultural Sales & Marketing	• Outdoor Recreation & Stewardship

Career Related Activities: FFA **/** Forensics / Athletics / Student Council / FHS School Paper
Workplace Learning Experiences: Youth Apprenticeship

Animal Systems

Pathway Courses		*Related Electives*
Year 1	• Introduction to Agriscience-ES	• Agribusiness & Personal Finance
Year 2	• Biology	• CAPP Biology 105
	• Wildlife 1, 2	• Biotechnology-ES
	• Dual Credit Animal Science	•Outdoor Recreation & Stewardship
Year 3	• Intro to Aquaculture	• Dairy & Meat Processing
	• Food Processing & Marketing	
	• Companion Animal Science	
	• Vet Science-ES	
Year 4	• Horse Science	
	• Advanced Aquaculture	
	• Conservation & Habitat Management	

Career Related Activities: FFA / Bio Club / Athletics
Accreditations: Dual credit through FVTC is available for Animal Science.
Workplace Learning Experiences: Youth Apprenticeship

Food Products / Processing Systems

Pathway Courses		*Related Electives*
Year 1	• Intro to Agriscience-ES	• Ag Sales & Marketing
		• Foods 1
Year 2	• Dairy & Meat Processing	• Foods 2
	• Food Processing & Marketing	• AP Chemistry
	• Soil Science & Hydroponics	• Agribusiness & Personal Finance
	• Biology	• CAPP Biology 105
Year 3	• Chemistry	
	• Biotechnology-ES	
Year 4	• Anatomy & Physiology	

Career Related Activities: FFA / Bio Club / Athletics
Workplace Learning Experiences: Youth Apprenticeship

Plant Systems

Pathway Courses	*Related Electives*

Year 1	• Intro to Agriscience-ES	• Conservation & Habitat Management
Year 2	• Plant Science-ES	• Wildlife 1
	• Biology	• Intro to Aquaculture
Year 3	• Greenhouse Management	• Wildlife 2
	• Chemistry	• Golf Course Management
	• Landscape Design	• Advanced Aquaculture
	• Landscape Maintenance	• Agribusiness & Personal Finance
Year 4	• Biotechnology-ES	• AP Chemistry
	• Horticulture	• CAPP Biology 105
	• Soil Science & Hydroponics	• Outdoor Recreation & Stewardship
	• Forestry	
	• Floral Design	

Career Related Activities: FFA / Bio Club / Athletics
Workplace Learning Experiences: Youth Apprenticeship

Natural Resource / Environmental Service Systems

	Pathway Courses	***Related Electives***
Year 1	• Intro to Agriscience-ES	• Social Issues
Year 2	• Biology	• Intro to Aquaculture
Year 3	• Plant Science-ES	• Advanced Aquaculture
	• Chemistry	• CAPP Biology 105
	• Wildlife 1	• AP Chemistry
Year 4	• Conservation & Habitat Mgmt	• Leadership for Life
	• Field Ecology	• Forestry
	• Wildlife 2	• Outdoor Recreation & Stewardship

Career Related Activities: FFA / Archery Club / Forensics / Student Council / Bio Club / Athletics
Workplace Learning Experiences: Youth Apprenticeship

Architecture & Construction

This field focuses on designing, planning, managing, building and maintaining the built environment.

Sample Careers:

- Architect
- Civil Engineering Tech
- Construction Manager
- Crane Operator
- Drafter
- Home Inspector

Career Pathways:

- Interior Designer
- Pipelayer
- Planner
- Property Manager
- Roofer
- Survey Tech

- Design/Pre-Construction Pathway
- Construction Pathway
- Maintenance/Operations Pathway

	Pathway Courses	***Related Electives***
Year 1	• Intro to Tech Ed	• Spanish 1
Year 2	• Woods 1	• Metals 2, 3
	• Computer Aided Design 1	• Intro to Art, Drawing 1, 2
Year 3	• Woods 2	• Core Performance 1, 2
	• Metals 1	• Senior Survival
	• Computer Aided Design 2	• Math for the Trades
Year 4	• Intro to Business	• Digital Arts & Graphics
	• College Technical Math 1	

Career Related Activities: SkillsUSA / Art Club / Athletics / National Art Honor Society / Math Team
Accreditation: Dual Credit is available for students taking College Technical Math 1.
Workplace Learning Experiences: Youth Apprenticeship
Industry Recognized Credentials: OSHA 10, First Aid, Snap-on, ASE

Arts, A/V Technology & Communications

This field focuses on designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.

Sample Careers:

- Writer
- Video Game Developer
- Advertising Copywriter
- Actor
- Composer
- Film and TV Crew
- Costume Designer
- Curator
- Graphic Designer
- Medical Illustrator
- Television and Radio Reporter
- Photojournalist
- Performer
- Educator

Career Pathways:

- A/V Technology & Film Career Pathway
- Printing Technology Career Pathway
- Visual Arts Career Pathway
- Performing Arts Career Pathway
- Journalism & Broadcasting Career Pathway
- Telecommunications Career Pathway

Performing Arts: Band

Pathway Courses		***Related Elective***
Year 1	• Symphonic Band • Freedom Ringers	• Jazz Band • Intro to Art
Year 2	• Symphonic Band • Freedom Ringers	• Core Performance 1 • Core Performance 2
Year 3	• Wind Ensemble • Freedom Ringers • CAPP English 101	• Sculpture • Life on Your Own
Year 4	• Wind Ensemble • Freedom Ringers • CAPP English 214 • Music Seminar • CAPP Music Theory	• Physics • Senior Survival

Career Related Activities: Play / Musical / Athletics / Forensics / Robotics / Drama Club

Performing Arts: Choir

Pathway Courses	***Related Electives***

Year 1	• Freedom Chorale	• Spanish 1, 2
	• Freedom Ringers	• Intro to Art
Year 2	• Freedom Chorale	• Core Performance 1, 2
	• Freedom Ringers	
Year 3	• Colla Voce • Freedom Ringers	• Physics
	• The Freedom Chorale	• Mold Making and Casting
Year 4	• Colla Voce • Freedom Ringers	• Life on Your Own
	• The Freedom Chorale	• Senior Survival

Career Related Activities: Play / Musical / Athletics / Forensics / Drama Club

Visual Arts

Pathway Courses		***Related Electives***
Year 1	• Intro to Art	• Intro to Tech Ed
Year 2	• Ceramics 1 • Drawing 1	• Woods 1, 2
	• Painting 1 • Photography 1	• Metals 1, 2, 3
Year 3	• Ceramics 2 • Drawing 2	• Senior Survival
	• Painting 2 • Photography 2	• Decorating, Design & Sewing
	• Digital Art & Graphics 1	• The Freedom Chorale, Colla Voce
	• CAPP English 101	• College Technical Math 1
Year 4	• Digital Art & Graphics 2	• Symphonic Band, Jazz Band, Wind Ensemble
	• Ceramics 3	• Basic Interior Design
	• Painting 3	• Mold Making and Casting
	• CAPP English 214	• Sewing Basics and Beyond
		• Life On Your Own

Career Related Activities: Art Club / VICA / NAHS / Athletics / Drama Club / Robotics
Workplace Learning Experiences: Youth Apprenticeship

Business Management & Administration

This field focuses on planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

Sample Careers:

- Volunteer Manager
- Office Manager
- Operations Research Analyst
- Retail Buyer
- Management Consultant
- Healthcare Administrator
- Human Resources Specialist
- Customs Broker
- E-Business Consultant
- Construction Manager
- Bookkeeper
- Administrative Assistant

Career Pathways:

- Business Information Management Pathway
- Human Resources Management Pathway
- Operations Management Pathway
- Administrative Support Pathway

	Pathway Courses	***Related Electives***
Year 1	• Microsoft Office Suite	• Programming 1, 2
	• Computer Science Foundations	• Economics
Year 2	• Intro to Accounting	• Sociology
Year 3	• Intro to Business	• Statistics
	• Intro to Marketing	• Spanish 1
Year 4	• Accounting A/B	• Social Issues
	• Financial Planning	• AP Statistics

Career Related Activities: Student Council / Math Team / Athletics / Forensics / Spanish Club
Accreditations: With prior approval, students can earn multiple FVTC transcripted credits
Workplace Learning Experiences: Youth Apprenticeship

Education & Training

Planning, managing and providing education and training services and related learning support services.

Sample Careers:

- Acting Instructor
- Agricultural Educator
- Coach
- Career Counselor
- Corporate Trainer
- Early Childhood Educator
- Instructional Coordinator
- Librarian
- Social Worker
- Special Education Teacher
- Teacher Assistant
- Postsecondary Education Administrator

Career Pathways:

- Administration & Administrative Support Pathway
- Professional Support Services Pathway
- Teaching/Training Pathway

Pathway Courses		***Related Electives***
Year 1	• Spanish 1	• Spanish 2, Conversational Spanish
	• Relationships	• Symphonic Band, Jazz Band, Wind Ensemble
Year 2	• Child Development	• Life on Your Own
Year 3	• AP Psychology	• Social Issues
	• AP US History	• Team Sports 1, 2
	• Adolescent Psychology	• The Freedom Chorale, Colla Voce
	• CAPP English 101	• Intro to Art
Year 4	• Sociology	• Western World Civilization
	• Senior Survival	
	• CAPP English 214	

Career Related Activities: Forensics / Spanish Club / Art Club / Student Council / Yearbook / Athletics / Mentoring / Robotics
Workplace Learning Experiences: Youth Apprenticeship

Finance

The focus is planning services for financial and investment planning, banking, insurance and business financial management.

Sample Careers:

- Tax Preparer
- Research Analyst (Financial)
- Loan Officer
- Insurance Agent
- Investment Banker
- Credit Counselor
- Financial Manager
- Economist
- Bank Teller
- Bill and Account Collector
- Actuary
- Auditor

Career Pathways:

- Securities & Investments Pathway
- Business Finance Pathway
- Accounting Pathway
- Insurance Pathway
- Banking Services Pathway

Pathway Courses		***Related Electives***
Year 1	• Microsoft Office Ste	• AP U.S. History
Year 2	• Intro to Accounting	• Core Performance 1, 2
Year 3	• Intro to Business	• Spanish 1, 2, 3
	• AP Psychology	• Medical Business Spanish
	• Accounting A/B	• CAPP Spanish 204
Year 4	• Economics	. Introduction to Marketing
	• AP Statistics	
	• Sociology	
	• Financial Planning	

Career Related Activities: Student Council / Chess Club / Athletics / Forensics / Math Team / Robotics
Accreditations: Students can earn multiple FVTC transcripted credits with FVTC approval
Workplace Learning Experiences: Youth Apprenticeship

Government & Public Administration

The focus is planning and performing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation and regulations.

Sample Careers:

- Building Inspector
- Enlisted Member of the Armed Forces
- Foreign Service Officer
- Conservation Officer
- Economic Development Officer
- Librarian
- Municipal Clerk
- Postal Clerk
- Public Policy Analyst
- Planner
- Political Aide
- Politician

Career Pathways:

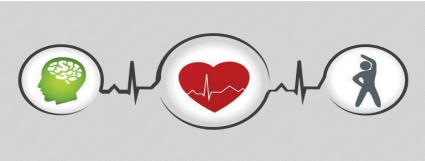
- Governance Pathway
- National Security Pathway
- Foreign Service Pathway
- Planning Pathway
- Revenue & Taxation
- Regulation Pathway
- Public Management & Administration Pathway

Pathway Courses		***Related Electives***
Year 1	• Spanish 1	• Introduction to Marketing
	• Relationships	• Western World Civilization
Year 2	• Social Issues	• Intro to Art, Photography
Year 3	• AP US History	• Lifetime Activities 1, 2
	• Economics	• Spanish 2
	• Leadership for Life	• Conversational Spanish
	• CAPP English 101	• Senior Survival
Year 4	• AP Psychology	• Life on Your Own
	• Intro to Business	
	• CAPP English 214	
	• Sociology	

Career Related Activities: Student Council / Athletics / Forensics / Drama / Chess Club / National Honor Society
Workplace Learning Experiences: Youth Apprenticeship

Health Science

The focus is on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, biotechnology research and development.



Sample Careers:

- Orthodontist
- Toxicologist
- Nurse
- Occupational Therapist
- Medical Lab Tech
- Microbiologist
- Genetic Counselor
- Crime Scene Investigator
- Family Physician
- Biochemist
- Audiologist

Career Pathways:

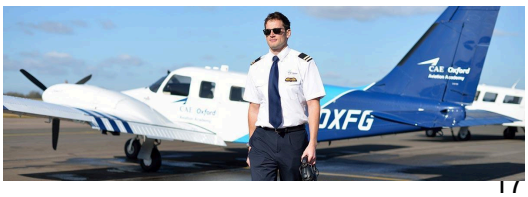
- Therapeutic Services Pathway
- Diagnostic Services Pathway
- Health Informatics Pathway
- Support Services Pathway
- Biotechnology Research & Development Pathway

Pathway Courses		***Related Electives***
Year 1	• Spanish 1	• Sociology
	• Relationships	• Intro to Art, Sculpture
Year 2	• Child Development • Biology	• Spanish 2, 3, 4,
	• Medical Case Studies	• Core Performance 1, 2
Year 3	• Contemp. Practices Health Care	• Symphonic Band, Jazz Band
	• Chemistry	• The Freedom Chorale, Colla Voce
	• AP Psychology	• Adolescent Psychology
	• Anatomy & Physiology	• Personal Health & Wellness
	• Nursing Assistant Training	• Forensic Science
	• CAPP English 101	• Medical Business Spanish
Year 4	• AP Chemistry	• CAPP Spanish
	• CAPP English 214	
	• CAPP Biology 105	

Career Related Activities: Forensics / Spanish Club / Athletics / Bio Club / Chess Club / NHS / Art Club
Accreditations: FVTC Dual/ transcripted credit may be available per FVTC approval for Contemporary Practices in Health Care and Nursing Assistant.
Workplace Learning Experiences: Youth Apprenticeship
Industry Recognized Credentials: Certified Nursing Assistant

Hospitality and Tourism

The focus the management, marketing, and



operations of restaurants and other food services,
lodging, attractions, recreation events, and travel related services.

Sample Careers:

- Recreation Director
- Travel Agent
- Outdoor Guide
- Housekeeper
- Hotel Manager
- Diving Instructor
- Event Planner
- Flight Attendant
- Caterer
- Bellhop
- Baker
- Waiter

Career Pathways:

- Restaurants & Food/Beverage Services Pathway
- Lodging Pathway
- Travel & Tourism Pathway
- Recreation, Amusements & Attractions Pathway

	Pathway Courses	***Related Electives***
Year 1	• Foods 1	• Symphonic Band, Jazz Band
	• Decorating, Design & Sewing	• Introduction to Accounting
	• Relationships	• Outdoor Rec & Stewardship
Year 2	• Intro to Marketing •Foods 2	• Team Sports 1, 2, Personal Health & Wellness
	• Intro to Art • Photography	• Spanish 1, 2
	• Basic Interior Design	• Chemistry
	• Sewing Basics & Beyond	• The Freedom Chorale,Colla Voce
Year 3	• AP Psychology	• Sociology
	• Baking Fundamentals 1	• Senior Survival
	• Chemistry	• Technical College Math 1
Year 4	• Digital Art & Graphics	• Life on Your Own
	• Intro to Business	• Cooking in Spanish
	• Baking Fundamentals 2	• Conversational Spanish

Career Related Activities: FFA / Spanish Club / Athletics / Bio Club / Forensics / NHS / Drama / NAHS / Art Club
Accreditation: Dual Credit is available for students taking College Technical Math 1.
Workplace Learning Experiences: Youth Apprenticeship

Human Services

The focus is on preparing individuals for employment in career pathways that relate to families and human needs.

Sample Careers:

- Addictions Counselor
- Clergy
- Community Worker
- Event Planner
- Dietitian
- Gerontologist
- Hair Stylist
- Humanitarian Aid Worker
- Massage Therapist
- Marriage and Family Therapist
- Social Worker
- Sign Language Interpreter

Career Pathways:

- Early Childhood Development & Services Pathway
- Counseling & Mental Health Services Pathway
- Family & Community Services Pathway
- Personal Care Services Pathway
- Consumer Services Pathway

	Pathway Courses	***Related Electives***
Year 1	• Spanish 1	• Lifetime Activities 1, 2
Year 2	• Relationships	• Intro to Art, Sculpture
	• Child Development	• Life on Your Own
	• Biology	• Symphonic Band, Jazz Band, Wind Ensemble
	• Medical Case Studies	• The Freedom Chorale, Colla Voce
Year 3	• AP US History	• Personal Health & Wellness
	• Chemistry	• Spanish 2
	• Contemp. Practices Health Care	• Conversational Spanish
	• CAPP English 101	• Cooking in Spanish
Year 4	• AP Psychology	• Adolescent Psychology
	• CAPP English 214	• Senior Survival
	• Forensic Science	
	• Sociology	

Career Related Activities: Chess Club / Spanish Club / Athletics / Forensics / NAHS / Art Club / Drama / NHS
Workplace Learning Experiences: Youth Apprenticeship

Information Technology

The focus is on building linkages in IT operations for entry level, technical and professional careers related to the design, development, support, management of hardware, software, multi-media and systems integration services.

Sample Careers:

- Web Developer
- Business Systems Analyst
- Electrical Engineer
- Database Developer
- Computer Network Specialist
- Computer Programmer
- Computer Scientist
- Information Security Analyst
- IT Project Manager
- IT Support Specialist
- Technical Writer
- Software Engineer

Career Pathways:

- Network Systems Pathway
- Information Support & Services Pathway
- Web & Digital Communications Pathway
- Programming & Software Development Pathway

Pathway Courses		***Related Electives***
Year 1	• Intro to Tech Ed	• Digital Art & Graphics 1, 2
	• Microsoft Office Suite	• Intro to Art
	• Computer Science Foundations	• Drawing 1, 2
Year 2	• Programming 1	• Photography
	• Programming 2	• Physics
Year 3	• AP Statistics	• Core Performance 1, 2
	• Game Development	• AP Psychology
Year 4	• Economics	• Glass and Fibers
	• Programmable Logic Controllers	• College Technical Math 1

Career Related Activities: Tech Club / Robotics / VICA / Math Team / Chess Club / Art Club
Accreditation: Dual Credit is available for students taking College Technical Math 1.
Workplace Learning Experiences: Youth Apprenticeship

Law, Public Safety, Corrections & Security

The focus is on planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Sample Careers:

- Paralegal
- Paramedic
- Park Warden / Ranger
- Police Officer
- Judge
- Lawyer
- National Guard
- Crime Scene Investigator
- Correctional Officer
- Firefighter
- Federal Agent
- Building Inspector

Career Pathways:

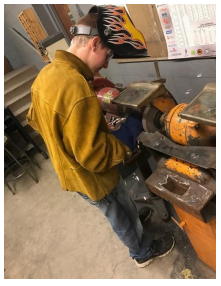
- Correction Services Pathway
- Emergency & Fire Management Services Pathway
- Law Enforcement Services Pathway
- Legal Services Pathway
- Security & Protective Services Pathway

Pathway Courses		***Related Electives***
Year 1	• Spanish 1	• Auto 1, 2
	• Relationships	• Intro to Art
	• Intro to Tech Ed	• Film Documentaries
Year 2	• Social Issues	• Personal Health & Wellness
	• Core Performance 1	• Western World Civilization
	• Child Development	• Drawing 1, 2
	• Medical Case Studies	• Spanish 2
Year 3	• AP Psychology	• Conversational Spanish
	• AP US History	
	• Leadership for Life	
	• Chemistry	
	• Forensic Science	
	• Core Performance 2	
Year 4	• Sociology	
	• AP Psychology	

Career Related Activities: Student Council / Spanish Club / Athletics / Forensics / NAHS / Bio Club / NHS
Workplace Learning Experiences: Youth Apprenticeship

Manufacturing

The focus is on planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities



such as production planning and control, maintenance and manufacturing/process engineering.

Sample Careers:

- Blacksmith
- Clothing Manufacturer
- Automobile Assembler
- Engineering Tech
- Cost Estimator
- Logistics Specialist
- Machinist
- Industrial Designer
- Furniture Finisher
- Production Woodworker
- Stationary Engineer
- Tool and Die Maker

Career Pathways:

- Production Pathway
- Manufacturing Production Process Development Pathway
- Maintenance, Installation & Repair Pathway
- Quality Assurance Pathway
- Logistics & Inventory Control Pathway
- Health, Safety & Environmental Assurance Pathway

	Pathway Courses	***Related Electives***
Year 1	• Intro to Tech Ed	• Intro to Art, Drawing, Dig Art & Graphics, Glass & Fibers
Year 2	• Computer Aided Design 1	• Small Engines
	• Woods 1	• Spanish 1, 2, Medical/Business Spanish
	• Metals 1	• Auto 1
Year 3	• Metals 2, 3 • Woods 2	• Mold Making & Casting
	• Computer Aided Design 2	• Auto 2, 3
Year 4	• Manufacturing Enterprise	• Intro to Business
	• Economics	• Core Performance 1, 2
	• College Technical Math 1	• Statistics
	• Programmable Logic Controllers	• Senior Auto

Career Related Activities: Student Council / Math Team / Athletics / Auto Club / FFA / NHS / SkillsUSA / Robotics
Accreditation: Dual Credit is available for students taking College Technical Math 1.
Workplace Learning Experiences: Youth Apprenticeship, Snap-on, ASE

Marketing, Sales, & Service

The focus is on planning, managing, and performing marketing activities to reach organizational objectives.

Sample Careers:

- Sports Marketer
- Telemarketer
- Retail Buyer
- Retail Salesperson
- Public Relations Specialist
- Fundraiser

- Market Research Analyst
- Marketing Specialist
- Automobile Salesperson
- Advertising Account Executive
- Communications Specialist
- Visual Merchandiser

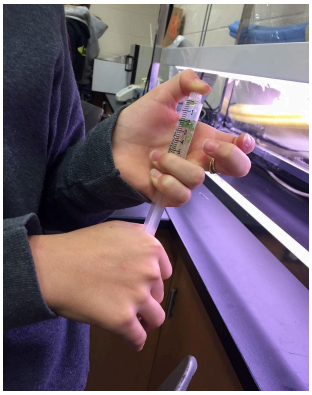
Career Pathways:

- Marketing Management Pathway
- Professional Sales Pathway
- Merchandising Pathway
- Marketing Communications Pathway
- Marketing Research Pathway

	Pathway Courses	***Related Electives***
Year 1	• Microsoft Office Suite/Publisher	• Intro to Art
	• Computer Science Foundations	• Photography 1, 2, Painting 1, 2
Year 2	• Intro to Marketing	• Food Processing & Marketing
Year 3	• AP US History	• Team Sports 1, 2
	• AP Psychology	• Social Issues
	• Intro to Business	• Spanish 1, 2, Conversational Spanish
	• Programming 1, 2	• Leadership for Life
Year 4	• College Technical Math 1	• Digital Art & Graphics, Glass & Fibers
	• Sociology	• Personal Health & Wellness
	• Intro to Accounting	• Statistics

Career Related Activities: Forensics / Student Council / Spanish Club / NHS / Athletics / Math Team / Robotics
Accreditation: Advanced Standing Credit for students attending FVTC.

Science, Technology, Engineering & Mathematics



The focus is on planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Sample Careers:

- Zoologist
- Cartographer
- Botanist
- Aerospace Engineer
- Drafter
- Environmental Technician
- Forensic Scientist
- Neurologist
- Meteorologist
- Physicist
- Oceanographer
- Statistician

Career Pathways:

- Engineering & Technology Pathway
- Science & Mathematics Pathway

	Pathway Courses	***Related Electives***
Year 1	• Computer Science Foundations	• Metals 1
	• Intro to Tech Ed	• Woods 1
Year 2	• Programming 1, 2	• Intro to Art, Digital Art & Graphics 1&2
	• Biotechnology	• Economics
	• Computer Aided Design 1, 2	• Manufacturing Enterprise
Year 3	• AP or CCIHS PreCalculus	• Core Performance 1
	• CAPP Biology 105	• Core Performance 2
	• Physics	• Reel Science
	• Game Development	
	• CAPP English 101	
Year 4	• AP Statistics	
	• AP or CCIHS Calculus • Chemistry	
	• CAPP English 214	
	• CAPP World of Tech- Engineering Technology	
	• Programmable Logic Controllers	

Career Related Activities: Math Team / Bio Club / Athletics / Chess Club / Robotics
Accreditation: Dual Credit is available for students taking College Technical Math 1.
Workplace Learning Experiences: Youth Apprenticeship

Transportation, Distribution, & Logistics

The focus is on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment & facility maintenance.

Sample Careers:

- Train Operator
- Transit Operator
- Shipping and Receiving Clerk
- Pilot
- Mover
- Logistics Specialist
- Dispatcher
- Courier / Messenger
- Air Traffic Controller
- Bus Driver
- Transportation Inspector
- Truck Driver

Career Pathways:

- Transportation Operations Pathway
- Logistics Planning & Management Services Pathway
- Warehousing & Distribution Center Operations Pathway
- Facility & Mobile Equipment Maintenance Pathway
- Transportation Systems/Infrastructure Planning, Management & Regulation Pathway
- Health, Safety & Environmental Management Pathway
- Sales & Service Pathway

Pathway Courses

Year 1
- Intro to Tech Ed
- Small Engines

Year 2
- Auto 1
- Metals 1

Year 3
- Auto Body 1
- Auto 2 • Metals 2
- Computer Aided Design 1, 2

Year 4
- Metals 3
- Auto Body 2, 3 • Auto 3
- Math for the Trades
- CAPP World of Technology - Engineering Technology
- Programmable Logic Controllers

Related Electives

- Manufacturing Enterprise
- Intro to Business
- Intro to Accounting
- Introduction to Marketing
- AP Statistics
- Physics
- Core Performance 1, 2
- Senior Survival
- Senior Auto
- Accounting A/B

Career Related Activities: Student Council / Math Team / Athletics / Auto Club / FFA / NHS / SkillsUSA / Robotics
Workplace Learning Experiences: Youth Apprenticeship
Industry Recognized Credentials: Introduction to Collision Repair, Snap-on, ASE

FHS Grading Scale

Letter Grade	Point Value
A	4.0
A-	3.67
B+	3.33
B	3.0
B-	2.67
C+	2.33
C	2.0
C-	1.67
D+	1.33

D	**1.0**
D-	**0.67**
F	**0.0**

Weighted Courses

Freedom High School has a weighted grading system. Courses that are weighted receive one more letter grade value when configuring GPA. Weighted Courses include:

** All Courses Listed as "AP"*
** CAPP Core Classes (UW-Oshkosh)*
** CCIHS Core Classes (UW- Green Bay)*
** College Core Courses via Early College Credit/Start College Now Programs*
***Most Start College Now courses are not weighted in the FHS grading system. The exception is classes that are considered core under the academia of English, Math, Science or Social Studies. Remedial courses in Math or English offered through a Technical College will not be weighted as well.*

Summative & Formative Assessment

Grading is based upon key concepts as measurable guides for students to achieve learning targets. Formative assessment evaluates student progress with continuous feedback. Formative assessment accounts for 10% of the student's grade. Summative assessment evaluates student's learning after numerous practice activities. Summative assessment accounts for 90% of the student's grade.

Youth Apprenticeship

*An elective program for high school Juniors and Seniors.
*A combination of academic and technical classroom learning.
*Mentored on-the-job learning, enhanced academic and technical skills that fulfill what Wisconsin's business and educational leaders have deemed as skills for the future.

Mentoring

Junior & Senior students may "mentor" younger students at the Middle or Elementary school levels in an individual or group setting. The students may work with any of the student population, including special education classrooms, traditional classrooms or less structured movement education. This experience is graded on a pass/fail scale with credit earned in accordance with hours completed.

Career Exploration Experience

Second semester seniors may develop their own experience to gain workplace skills and opportunities. Students will individually find their experience and work with the counseling department to establish a schedule and monitor the hours completed to finish the coursework. Workplace professionals will have to confirm the experience and hours with the school. This experience is graded on a pass/fail scale with credit earned in accordance with hours completed.

Early College Credit Program

(University/4-year College credits)

Start College Now Program

(Technical College credits)

High school students will be eligible to take courses at a local Tech College/Univ to earn college credit. Eligible students may be permitted to enroll at one of our campuses to take one or more courses for which the student may earn high school credit and post-secondary credit.
*****Students must have a 2.5 GPA or better in high school. Students must display a level of responsibility and maturity needed to succeed in a college-level course.
*****Pre-approved courses that are not available in the FHS curriculum.
*****Student admission is contingent on meeting entrance requirements.
*Maximum of 18 credits total.

Process:
1. Approval must be done by March 1st for the fall semester and October 1st for the spring semester by the school board.
2. Students are responsible for submitting completed applications to the FHS Guidance Office.
3. Students and FHS counselors discuss schedule adjustments including travel time between each school. Students should search for courses that fit with their high school schedule.
4. Students must communicate with their school to complete any orientation and scheduling for class(es) to work.
5. Students are expected to maintain a C- grade or better**.** Grades below a C- will result in student responsibility to pay tuition costs.
6. College courses taken become part of the permanent University/Tech College record and may affect subsequent admission to post-secondary institutions. A poor grade earned through these programs could have a negative impact on a future admissions decision for a student. This grade will be on both a high school and college transcript.

Advanced Standing Credit

Students may take a course at FHS that matches a Fox Valley Tech course. The high school credit is <u>not</u> weighted. If completed with a B- or better, students are eligible to receive advanced standing credit after enrolling at FVTC in which then the course will be marked as completed at FHS on the technical college transcript.

Dual Transcripted Credit

Students may take a course at FHS that earns high school credit and FVTC credit at the same time. The high school credit is <u>not</u> weighted. If completed with a C or better, the student will receive dual transcripted credit. In addition to receiving credit on their high school transcript, they will receive an official technical college transcripted grade from FVTC. The student will need to request the FVTC transcript from them if it is needed.

Auto Body 1, Auto Body 2
Drafting 1, Drafting 2, Metals 3
Manufacturing Enterprise
Basic Interior Design
Contemp. Practices in Healthcare
Nursing Assistant
Intro to Accounting
Intro to Business
Microsoft Office Suite/Publisher
Programmable Logic Controllers
College Technical Math 1

Student/Parent Education & Career Conference (SPEC)

Conferencing is a process that involves activities planned and directed by school counselors that assists students in planning, monitoring, and managing their academics, as well as their personal and career development. FASD calls these conferences "SPECs".
*An individual meeting, approximately 45 minutes, between student, parent, and counselor to discuss future dreams, goals, and careers
*Build a positive dialogue between school and parents
*Share information about student's strengths, interests, abilities, and potential
*Share information and resources available
*Assist students and parents to manage the academic and career planning process
*Identify, plan and evaluate academic and career goals
*Assist students to transition to the next phase of their lives

<u>Freshman SPECs</u>- *Summer Conference of all incoming Freshman (visits are at school or schedule a home visit)*
-9th Grade Course Selections
-Graduation Requirements
-XELLO Development
-Career Assessment & Awareness
-High School Transition

<u>Junior SPECs</u> – *Fall Counseling Office conferences for all Juniors*
-Student Performance Review
-XELLO Development
-Career Goals and Plans
-4 Year Plan/Transcript review
-Junior Checklist
-Future Possibilities & Opportunities
-Additional Resources

Irish Hour

FHS has a time of the day in which students will have 30 minutes of study and/or enrichment opportunities. Students will have weekly responsibilities to ACP (Academic Career Planning) and/or RtI (Response to Intervention). The other days of the week will be a teacher- offered study hall or enrichment opportunities where the students will need to sign in daily with their choices for Irish Hour. Teachers may also assign students to attend their offering for this time.

Response to Intervention

RTI is an acronym for **Response to Intervention.** A thirty minute slot is built into the student's day for any deficiency in a particular **Math and/or English skill.** During this time, students will receive additional attention they need to gain necessary knowledge and achieve success. The help they receive will be obtained from a teacher skilled in the specific area identified. The teacher will use research based interventions (best practice) to advance the student. Placement for RTI will be determined by a universal screening administered to all of the students. Many students will not be identified in need of interventions and therefore will use this thirty minute block of time for guided study hall and/or enrichment.

Behavioral RTI – Is a discipline system that seeks out positive behaviors that have incentive based rewards for good behavior. Needs based information will focus on areas of concern that will assist in students' behavior that interferes with each student's education.

Testing Information

<u>PREACT</u>
The PreACT will provide standards-based reporting — with reporting categories based on the ACT College Readiness Standards — and aligned to the Common Core State Standards.
>Grades 9-10 test in the Spring
>Measures progress in Math, Science, English, Reading and Writing.
http://www.discoveractaspire.org/

<u>PSAT</u>
>College bound juniors should take this test in October. Sign up and payment for the test is required.
>The PSAT is linked to various scholarship opportunities including the National Merit Scholarship.
>The results of the PSAT will indicate how a student's verbal and mathematical aptitudes compare with other college bound students nationwide.
http://www.collegeboard.com/student/testing/psat/

<u>ACT</u> – American College Testing
>All Juniors are **required** to take the ACT on a designated day chosen by the State of WI in February or March.
> Four year college bound students have the option of submitting ACT scores at this time.
> Tests are offered several times throughout the year with definite registration deadlines and test sites.
> The ACT can be retaken in April and June on a Saturday morning at

Freedom High School.
www.actstudent.org

FASTBRIDGE – RTI Placement
>All students are required to take the test in the Fall, Winter, and Spring.
>Testing is in the areas of Math and Reading.
>Results are used for placement in assisted study halls.
https://clever.com/

WI FORWARD EXAM
>The exam is designed to gauge how well students are doing in relation to the WI Academic Standards. These standards outline what students should know and be able to do in order to be college and career ready.
>Sophomores are tested in the spring of each school year in Social Studies.
https://dpi.wi.gov/assessment/forward

ACCUPLACER – Technical College Placement Test
>Technical College bound students will be required to submit ACCUPLACER scores or ACT scores.
>Tests can be administered at Freedom High School after acceptance to the school.
> Students should complete a practice test and other prep activities prior to scheduling a test with the counseling office https://www.accuplacer.org/

A.P.—Advanced Placement Tests
> College Board test is designed to be taken upon completion of an A.P. course.
> Tests are given in May of the school year.
> Depending on the scores received and the schools which are accepted, the student may be able to obtain college credit.
http://www.collegeboard.org/

ASVAB - Armed Services Vocational Aptitude Battery
>Military placement tests are given by a recruiter.
www.military.com/ASVAB

Post Secondary Plans

Throughout the course description book, you will see an increased emphasis on career exploration and development. As you engage in the process of making career decisions, it is important that you understand the purpose and expectations of the university system, technical college, apprenticeship programs, military, and the world of work.

College and Universities
These are institutions that provide four year degrees. These institutions expect strong skills in these four areas: English, math, social studies, and natural sciences. Foreign language is also recommended.
Requirements: High school diploma, core college preparatory credits, grade point average, class rank, course rigor, and ACT scores. Consideration is also given to co-curricular, volunteer and community activities.
Helpful websites:
http://www.uwhelp.wisconsin.edu/
WisconsinPrivateColleges.org

Technical Colleges
The varied programs offer opportunities to learn specialized skills and trades that meet the needs of business and industry. Technical colleges award Associate and Technical Degrees and Certifications. Some courses may transfer to other colleges or universities. Requirements: High school diploma, ACT or Accuplacer.
www.wtcsystem.edu
www.fvtc.edu www.nwtc.edu

Armed Forces
Recruiters visit regularly to provide up-to-date information. Requirement: High school diploma and ASVAB testing. www.airforce.com
www.goarmy.com
www.navy.com
www.marines.com

Apprenticeships
Post secondary apprenticeships may be available through sponsorship by a trade professional. It typically includes technical college coursework and on-the-job training.
Requirement: High school diploma or equivalent
http://dwd.wisconsin.gov/apprenticeship/

World of Work
Students increase employment options and opportunities by selecting career-related high school courses.
www.wisconsinjobcenter.org

FHS 2026 GRADUATION REQUIREMENTS

Subject Area	Credits
ENGLISH	
1 credit of English 9	
1 credit of English 10	
1 credit of English 11 or CAPP English 101	
1 credit of English 12 or CAPP English 101 or CAPP English 214	4

MATHEMATICS

1 credit of Algebra 1	
1 credit of Geometry	
1 credit of Algebra 2	3

SCIENCE

1 credit of Physical Science	
1 credit of Biology	
1 credit of elective science	3

SOCIAL STUDIES

.5 credit of World Geography	
.5 credit of Civics	
1 credit of US History or 1.5 credits AP US History	
.5 credit of 20th Century America (unless AP US History is completed)	
.5 credit of elective Social Studies	3

PHYSICAL EDUCATION/HEALTH

.5 credit of Physical Education 9	
1 credit of elective Physical Education	1.5 PE
.5 credit of Health	0.5 Health

OTHER REQUIRED COURSES

.5 credit of Financial Planning or Agribusiness & Personal Finance	0 .5
12.5 credits of electives	12.5
TOTAL CREDITS NEEDED TO GRADUATE	**28**

SEMESTER LOAD REQUIREMENTS:

All students are advised to be enrolled in a minimum of <u>eight (8) credits per year.</u>

Exceptions to these minimum and maximum credit loads must be cleared through the counseling office. Each student must be enrolled in a class or approved activity each period of each class day.

CREDIT ALLOWANCES:

Term course = 0.5 credit / Two-term course = 1.0 credit / Three-term course = 1.5 credits

Two-term modified block course (45 minutes or “skinny) = .5 credit

Core High School Curriculum

	ENGLISH	**MATH**	**SCIENCE**	**SOCIAL STUDIES**

YEAR 1	English 9	Algebra 1 Geometry	Physical Science Ag Science elective	World Geography Civics (Year 1 or Year 2)
YEAR 2	English 10	Geometry Algebra 2	Biology Ag Science elective	Civics (Year 1 or Year 2) Social Studies elective
YEAR 3	English 11 CAPP English 101	Algebra 2 AP PreCalculus or Math 104 AP Statistics Math Elective	Science elective AP Science elective CAPP Science elective Ag Science elective	US History or AP US History AP Social Studies elective Social Studies elective
YEAR 4	English 12 CAPP English 101 CAPP English 214	AP PreCalculus or Math 104 Intro to Calculus AP Calculus or Math 202 AP Statistics Math Electives	Science Elective AP Science elective CAPP Science elective Ag Science elective	20th Century America Social Studies elective AP Social Studies elective

AgriScience

Grades 9 – 10 Course Electives

INTRODUCTION TO AGRISCIENCE **1.0 credit**
Students must take this class as a **prerequisite for all other agriculture classes**. This course will introduce concepts related to animals, plants, food, natural resources, wildlife and more. Completion of this course will count as a 3rd unit of science as long as the student has taken some combination of Biology/Chemistry/Physical Science for the other two units. (offered every year)

Grades 9 – 12 Course Electives

FORESTRY **.5 credit**
This course will include information on resource management in the area of forestry and woodlot management. Topics will include tree identification, calculation of tree heights, age and use, lumber quality and grade, management of wooded areas, and land measurement activities. This course will include outdoor

labs, work in the school woodlot and other areas around the school. (offered 26-27)

INTRO TO ANIMAL SCIENCE- ES .5 credit
This course will allow students to develop a baseline knowledge focused on livestock and large animals. This is a required prerequisite for the FVTC Dual Credit Animal Science course, and highly recommended for the Vet Science course. Topics covered include animal welfare, classifications, evaluation, and anatomy & physiology of large animals (offered every year)

INTRODUCTION TO AQUACULTURE .5 credit
This course will introduce the basics of fish production and combine what is learned with many different lab activities and production of fish. (offered every year)

OUTDOOR RECREATION & STEWARDSHIP .5 credit
This course will allow students the chance to learn principles of environmental education in relationship to hands-on stewardship of the land. Topics of class will include county, state, national and international environmental travel; the correct use of GPS units; and examine the history and role of outdoor recreation in WI. Students will be involved in numerous projects including ATV safety certification, snowmobile safety certification, boaters safety, trapper ed, and hunter safety. For anyone who enjoys spending time outdoors, this is the class for you! This course will also address FFA and Supervised Agricultural Experiences. (offered every year)

PLANT SCIENCE- ES .5 credit
The course will also examine the importance of plants to the agricultural industry and the world. Numerous labs will be utilized to enhance students' understanding of plants and plant sciences. (offered every year)

WILDLIFE 1 .5 credit
Focus will be on the various strategies and techniques used in the area of wildlife and natural resource management. Environmental issues and concerns will be covered as students examine the global effect humans have on wildlife and natural resources. (offered 25-26)

WILDLIFE 2 .5 credit
The course will cover more advanced topics in wildlife and habitat management: Also included will be a global look at environmental issues, concerns and energy resources. (offered 26-27)

Grades 10 – 12 Course Electives

ADVANCED AQUACULTURE .5 credit
We will combine classroom and lab activities to advance our study of aquaculture to a more advanced level. This course could include individualized projects of the student's interest and different systems, set-up and design. (offered 25-26)

COMPANION ANIMAL SCIENCE .5 credit
This course will focus on small animals and companion animals such as dogs, cats, etc. Projects will be designed to relate to the individual student's interests in small or companion animals. (offered 25-26)

CONSERVATION & HABITAT MGMT .5 credit
This course introduces land management and developing areas for wildlife and green spaces. We will also focus on the use of ponds in land management and how to manage them for use and as an asset to wildlife. (offered 25-26)

DAIRY & MEAT PROCESSING .5 credit
In this course, students will gain skills related to common food processing procedures; this will focus heavily on meat and dairy processing. Students will also explore skills related to canning fruit and vegetable commodities. This course will introduce concepts of food chemistry within the food processing industry allowing students to make connections across content areas. Major topics to be included are processing and storage of meat products, processing and storage of dairy products, fruit and vegetable canning, and food borne illnesses. (offered 26-27)

DUAL CREDIT ANIMAL SCIENCE .5 credit
Provides fundamental knowledge of the animal science field. Topics include animal health, animal environments, anatomy & physiology, genetics & reproduction, animal feedstuffs, and job-related safety. Students will experience animal concepts through the completion of hands-on activities. This course takes a look at typical agricultural related animals including cattle, swine, sheep, and goats. (There will be a minimum of 2 REQUIRED field trips in order to receive credit through FVTC) (offered every year)

FLORAL DESIGN .5 credit
Throughout this course, students will explore the many diverse landscapes of the floral design industry. Students will have hands-on opportunities to prepare flowers and plants for floral arrangements, prepare arrangements for special occasions, and learn how to manage a floral design business. (offered every year)

FOOD PROCESSING & MARKETING .5 credit
The purpose of this course is to provide students with the ability to process different food substances into edible food products safely based on FDA standards. This course will provide students with an opportunity to

use hands-on learning to make and process different food products, develop food labels which include nutritional content and advertise the food product. The major concepts and topics covered include the following: food safety and inspection, processing food products, nutritional concepts of food, product and label development, marketing and advertising. (offered 25-26)

GOLF COURSE MANAGEMENT **.5 credit**
This course will focus on how golf courses are designed and all the different aspects of a course that have to be managed and maintained. Students will design their own course and develop a management plan for their course. (offered 25-26)

GREENHOUSE MANAGEMENT **.5 credit**
This hands-on course focuses on greenhouse plants. Significant time will be spent propagating, monitoring, and caring for plants in the greenhouse and hoop house. (offered 26-27)

HORSE SCIENCE **.5 credit**
This is a basic course that introduces various aspects of equine science from breeds to careers in horse science and from training to feeding the horse properly. (offered 26-27)

HORTICULTURE **.5 credit**
This beginning course is a study of plants, how they grow and reproduce. Much time will be spent propagating plant cuttings, seedlings, and starting seeds. (offered 25-26)

LANDSCAPE DESIGN **.5 credit**
This course introduces the basic principles of designing a landscape. We will discuss various categories of plants and shrubs used in landscaping and how to manage them once in the landscape. (offered 26-27)

LANDSCAPE MAINTENANCE **.5 credit**
This course will focus on how to maintain a new or existing landscape. Hands-on landscaping work will be done in the course, including pruning techniques and strategies, perennial care, bulbs and biennials. (offered 25-26)

SOIL SCIENCE AND HYDROPONICS **.5 credit**
In this course, students will explore growing crops through soil and soilless media. Students will plant, maintain, and harvest a variety of vegetable crops through one of the many available hydroponic systems. The second half of the course will focus on using soil to successfully produce crops. (offered 26-27)

Grade 11 - 12 Course Electives

AGRIBUSINESS & PERSONAL FINANCE **.5 credit**
This course will focus on all aspects of agribusiness and financial management. Practical applications of financial concepts will be used to enhance students' understanding of these concepts. This would meet the Financial Planning requirement**.** (offered every year)

AG SALES & MARKETING **.5 credit**
This course will explore all aspects of sales and marketing strategies and how they are used in agriculture. Students will create ads, products, and commercials to better comprehend these marketing strategies. (offered 25-26)

BIOTECHNOLOGY-ES **.5 credit**
Students will gain knowledge in the influence genetics play in plant and animal agriculture. Students will perform labs in genetic information, gene splicing, bacteriology, and tissue culture. The class will explore the moral and ethical dilemmas in gene manipulation as well as the various careers available in biotechnology. (offered 25-26)

LEADERSHIP FOR LIFE **.5 credit**
In this course, students will explore real-life leadership topics such as college and career readiness, scholarships, public speaking, critical thinking, and good citizenship. Students will adapt curriculum to fit individual needs and interests. (offered 26-27)

VETERINARIAN SCIENCE-ES **.5 credit**
This hands-on course is directed at students looking to explore the area of veterinary medicine or veterinary technician, and helping prepare students for related careers. (offered 26-27)

Art

INTRO TO ART **1 credit**
This course offers a strong foundation of fundamentals in art. Experiencing a variety of mediums in both 2D and 3D.

CERAMICS 1 **.5 credit**
Prerequisite: Intro to Art
This course focuses on different types of hand building techniques and wheel throwing to create functional pottery. Students will experience using high and low fire glazes as well.

CREATIVE ART **.5 credit**
Prerequisite: Intro to Art **and** instructor approval
This art course encourages inclusivity providing a classroom in which students with and without disabilities learn/create projects together.

DIGITAL ART & GRAPHICS 1 **.5 credit**
Prerequisite: Intro to Art
Students will incorporate art, design, and technology through exploring the basics of Adobe Illustrator.

DRAWING 1 **Prerequisite:** Intro to Art **.5 credit**
Students will explore a variety of drawing techniques through several different media, including pencil, charcoal, ink and pastel.

SCULPTURE 1 **Prerequisite:** Intro to Art **.5 credit**
Students will explore addition and subtraction methods of sculpture. Work will be done in a variety of mediums.
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GLASS & FIBERS **Prerequisite:** Intro to Art **.5 credit**
Students will explore new ways to see, use and interpret found objects and fibers. Examples include, collage,

screen printing, glass fusing, weaving, wool felting and more.

MOLD MAKING & CASTING **.5 credit**
Prerequisite: Intro to Art, Sculpture 1
In this course students will explore a variety of molding, building, and casting methods from the art world.

PAINTING 1 **Prerequisite**: Intro to Art **.5 credit**
In this course students will explore oil, acrylic, and watercolor painting. A variety of subjects and themes will also be explored.

CERAMICS 2 **.5 credit**
Prerequisite: Intro to Art, Ceramics 1
Students further their knowledge on wheel throwing and hand building techniques while creating functional pottery.

DIGITAL ART & GRAPHICS 2:
Prerequisite: Intro Art, Digital 1 **.5 credit**
Students will expand on their knowledge and understanding from Digital Arts 1.

DRAWING 2 **.5 credit**
Prerequisite: Intro to Art and Drawing 1
Students will expand their knowledge from Drawing 1 while working on the development of skills and a deeper understanding of what makes a good work of art.

MOLD MAKING & CASTING 2 **.5 credit**
Prerequisite: Mold Making & Casting 1
This course is a continuation of Mold Making & Casting 1 and focuses on more intense methods.

PAINTING 2 **.5 credit**
Prerequisite: Intro to Art, Painting 1
Students will begin to develop their own style while expanding their knowledge from Painting 1.

PAINTING 3 **.5 credit**
Prerequisite: Intro to Art, Painting 1 & 2
This course is for the self motivated painting enthusiasts who are interested in expanding their techniques and styles.

PHOTOGRAPHY 1 **Prerequisite:** Intro to Art **.5 credit**
Students will be introduced to the basics of photography. Units include compositional techniques, understanding the digital camera, learning how to edit using Adobe Lightroom, traditional black and white darkroom, and stop motion animation. (Gr 10-12)

PHOTOGRAPHY 2 **.5 credit**
Prerequisite: Intro to Art, Photo 1
Students will further develop their knowledge of digital photography through Adobe Photoshop. In this course students will create an online portfolio.

SCULPTURE 2 **.5 credit**
Prerequisite: Intro to Art, Sculpture 1
Students will expand on their understanding and knowledge of additive and subtractive sculpture methods in a variety of mediums..

SCULPTURE 3 **.5 credit**
Prerequisite: Intro to Art, Sculpture 1 and 2
Students will work to further advance their sculpting abilities while working with a variety of mediums. This class is for sculpting enthusiasts who are interested in taking their skills to the next level.

Business Education

Grade 9 - 12 Course Electives

MICROSOFT OFFICE SUITE **1 credit**
This course will give you the skills employers are looking for. Today's business environment is powered by Microsoft Office, not the Google Suite. This course focuses on beginning Word, Excel, PowerPoint, and the basic integration of the components of this integrated Microsoft application. **Students can earn 2 FVTC transcripted credits per FVTC approval.**

INTRODUCTION TO MARKETING **1 credit**
Students gain a basic understanding of a variety of topics in the field of marketing through the exploration of all aspects of the marketing field. Including, segmentation, product, price, placement, and promotion. This exploration is achieved through the use of our text, Foundations of Marketing 9th edition, in class discussions, in class activities, and assignments. By the end of the course students should have a better understanding of marketing and the potential impact of marketing on their lives, careers, and buying decisions.

Grade 10 - 12 Course Electives

INTRODUCTION TO ACCOUNTING **1 credit**
This course introduces basic concepts and general principles of accounting to non-accounting students. Topics include financial statements, merchandising, accounting for cash, inventory, payroll, budgeting, and accounting software. **Students can earn 3 FVTC transcripted credits per FVTC approval. Recommended as a lead-in to the Accounting A/B course.**

Grade 11 - 12 Course Electives

FINANCIAL PLANNING (required) **.5 credit**
The focus of this course is placed on developing decision-making skills in handling money. Topics include money, banking, checking, savings, budgets, credit, insurance, mortgage loans, investments, retirement and employment. Students will become aware of their responsibility for personal and work-related financial success. The AgriBusiness & Personal Finance course can also fulfill this requirement.

INTRODUCTION TO BUSINESS **1 credit**
This course provides an overview of the variety of activities in the world of business. It focuses on the responsibilities connected with operating a business from both organizational and managerial viewpoints. It also examines the role of government in business.
Students can earn 3 FVTC transcripted credits per FVTC approval

ACCOUNTING A/B **1 credit**
Recommended: **Intro to Accounting**
This course covers double entry accounting.
Part A will cover accounting for a service business organized as a proprietorship or partnership. Topics covered for a proprietorship include: journalizing transactions into debits and credits, posting to a ledger, handling petty cash, creating a worksheet for adjustments, preparing financial statements, and completing the accounting cycle with adjusting and closing entries. Additional topics covered for a partnership include: sales, purchases, cash payments, cash receipts, subsidiary ledgers, and payroll records and taxes.
Part B will focus on a merchandising business organized as a corporation. Topics include: the use of special journals, uncollectible accounts, plant assets and depreciation, inventory, notes and interest, accrued revenue and expenses, dividends, and financial statements for a corporation.

English

ENGLISH 9 **1 credit**
English 9 integrates reading, writing, grammar, mechanics, and a thorough study of literary devices. Students will cover a wide variety of genres including, but not limited to, short stories, historical fiction, dystopian fiction, and memoirs.

ENGLISH 10 **1 credit**
English 10 builds on the language arts foundation provided in English 9. Major areas of concentration include grammar, composition, reading/study skills, speech, and vocabulary-spelling development.

ENGLISH 11 **1 credit**
English 11 is a U.S. literature and grammar class with assignments in oral communication skills including spelling, punctuation, and literature.

ENGLISH 12 **1 credit**
Course will develop students' writing skills for a variety of purposes, including business, research and argument. Other units of study will include government documents, science fiction, historical fiction and nonfiction.

CAPP ENGLISH 101 **1 credit**
Prerequisite: Class rank of top 25% OR cumulative GPA of 3.25+ OR ACT 24+ and GPA 2.75+
A writing-based inquiry seminar for university students designed to develop the understanding and skills required to read and write at a college level. This course focuses on writing process strategies and is designed to help students develop analytical writing skills and aptitude in critical editing and proofreading. Coursework includes reading, discussions, journal responses, and essays. This course will further develop research skills in a broader and more developmental manner involving field sources, current print, and internet research.
Students can earn 3 transcripted credits from UW Oshkosh. In this university-level course, books are provided. Approximate cost $330 for 3 college credits.

Students may opt to enroll in CAPP English 101 for high school only credit and not pay the tuition and not receive the UW Oshkosh credit.

Family and Consumer Science

CAPP ENGLISH 214 **1 credit**
Prerequisite: Class rank of top 25% OR cumulative GPA of 3.25+ OR ACT 24+ and GPA 2.75+ and Completion of CAPP English 101. A study of American Literature from the Civil War to the present. Writing assignments will be required.
Students can earn 3 transcripted credits from UW Oshkosh. In this university-level course, books are provided. Approximate cost $330 for 3 college credits.
Students may opt to enroll in CAPP English 214 for high school only credit and not pay the tuition and not receive the UW Oshkosh credit.

Grade 9 - 12 Course Electives

THE HERO'S JOURNEY **.5 credit** Students will explore the literary archetype of the Hero's journey. They will study the concept of the mono-myth and how this literary tool reveals surprising parallels between stories and myths from across time and history. The course utilizes various works of literature and films in the curriculum. Students will also write essays and give presentations throughout the course. This course is designed for students whose post-secondary planning includes a four year university.

THE SHORT STORY **.5 credit**
Students will read and analyze numerous short stories from a variety of authors and time periods. Reading, writing, and literary analysis will be regular features of this class. This course is designed for students whose post-secondary planning includes a four year university.

Grade 9 - 12 Course Electives

BAKING FUNDAMENTALS 1 **.5 credit**
This course will provide students with the opportunity to explore the world of baking. Learn new techniques, the benefits of making things "from scratch", the importance of selecting the correct ingredients and the nutritional benefits of those ingredients. Topics will include baking terminology, tool and equipment use, and the functions of ingredients. Baking is an art with both personal and professional career opportunities.

CHILD DEVELOPMENT **.5 credit**
If you are considering a career working with children or are planning to become a parent one day, Child Development is a class to help you achieve these goals. This class emphasizes the responsibilities parents, caregivers, family members, and those working with children have to provide a loving, caring, stimulating, and safe environment for children. Students will learn about human growth and development, from prenatal development to school age, parenting skills and methods to enhance development and how to provide a loving environment for children to grow and thrive in. Activities will also include instruction and certification in CPR/AED/First Aid and participation in a reality based infant simulation experience or alternate assignment.

DECORATING, DESIGN AND SEWING **.5 credit**
Decorating, Design and Sewing is a class that will provide students with the knowledge and skills of basic design principles as they apply to clothing and home design and decorating. The class will include information from basic sewing skills to home decorating and planning. Projects will be made with the application of these skills. Project cost will be the responsibility of the student. (offered 26-27)

FOODS 1 **.5 credit**
This course is an opportunity for students to explore the basic concepts of cooking and the chance to try a variety of foods and share their family recipes. Students will discuss how food choices are affected by nutrition, tradition, marketing, media and cost. Students will also learn the fundamentals of cooking, planning and preparation of a variety of foods with food safety, health,

nutrition and budget in mind.

RELATIONSHIPS **.5 credit**
This course is designed to assist students in getting along better with others as they develop skills for successful relationships in personal and professional aspects of their lives. Topics covered include communications, healthy expressions of emotions, anger and anger management, self-esteem, character and the development of long term relationships.

SEWING BASICS AND BEYOND **.5 credit**
This class is designed for students interested in sewing for personal or professional reasons. Professionally, sewing skills are beneficial if considering careers in fashion design, interior design or theater. Personally, sewing skills are beneficial in developing your own creative talents whether it is sewing your own clothes or items to use in your home. With the skills of sewing you are able to create items that are truly your own. This class will teach fabric selection, sewing equipment and tools, and use of the sewing machine. Project costs will be the responsibility of the student. (offered 25-26)

Grade 10 - 12 Course Electives

BAKING FUNDAMENTALS 2 **.5 credit**
Prerequisite: Baking Fundamentals 1
This course is a continuation of Baking Fundamentals 1 with an opportunity to pursue different techniques, principles and recipes related to baking. The art of baking provides opportunities for self expression, exploration of new foods as well personal and professional opportunities. (offered 25-26)

BASIC INTERIOR DESIGN **.5 credit**
Are you interested in design? Are you thinking about a career in the area of interior design? Basic Interior Design is an introductory course offered with FVTC that is part of their Interior Design Program. This class provides the basics you would need to explore the possibility of a career in interior design whether you are interested in residential or commercial design, or for your own personal interest. Topics covered include: flooring, windows and window treatments, wall covering, lighting, furniture and woods, and house styles. **FVTC dual/transcripted credit may be available per FVTC approval.**

CONTEMPORARY PRACTICES IN HEALTH CARE **.5 credit**
This course introduces the culture of healthcare for students interested in working in various health care settings. Students will examine professionalism, interpersonal and written communication skills, problem-solving skills, patient privacy and confidentiality, and cultural and diversity awareness in the field of healthcare. Guest speakers and career exploration experiences will also be a part of this course. **FVTC dual/transcripted 2 credits.**

FOODS 2 **.5 credit**
Prerequisite: Foods 1
Students build on the fundamentals learned in Foods 1. Students will prepare foods using skills and techniques learned previously as well as developing more advanced food preparation skills. This class will also focus on how food affects your life, health, and general well being.

Grade 11 - 12 Course Electives

LIFE ON YOUR OWN **.5 credit**
Are you getting ready to move out on your own? Going away to school or joining the military? Life On Your Own class will give you the opportunity and the tools to make a successful transition to a more independent lifestyle. This class will provide you with the “know how” to succeed and survive on your own. Topics will include the basics of nutrition and food preparation skills, sewing skills, care and maintenance of clothing, choosing and maintaining a comfortable living environment, wise consumer practices and how to get along with others.

NURSING ASSISTANT **.5 credit**
This course is offered to junior or senior students interested in becoming a Certified Nursing Assistant (CNA) or planning to go into a health care occupation. This course is offered in cooperation with FVTC. Eligibility for certification requires successful completion of a content course exam, approximately 30 hours lab experience at FVTC, approximately 50 hours of clinical experience and passing the final state exam. Students are responsible for the application fee, cost of clothing & equipment required for lab/clinical, and cost of the final state exam. Class is limited to 12 students and preference will be given to Seniors. **FVTC dual/ transcripted credit available per FVTC approval. FVTC application fee approximately $65.**

Foreign Language

SPANISH 1 **1 credit**

Recommended: B or better in MS Spanish, C or better in MS English Language classes or teacher recommendation.

Students will learn to write simple sentences, read texts in the present tense, understand questions in Spanish and respond appropriately. Spanish 1 students also begin to learn about the different Hispanic cultures throughout the world.

SPANISH 2 **1 credit**

Prerequisite: "C" or better in Spanish 1

Students in Spanish 2 will go beyond the introductory Spanish 1 lessons and learn to form complex statements, both in written and oral formats. The students will also learn to use the past tense to relate stories and events. By the end of Spanish 2 students will possess the skills necessary to handle simple survival tasks in a Spanish-speaking country.

COOKING IN SPANISH **.5 credit**

Prerequisite: Spanish 2

Supplement your Spanish skills through cooking! We will use ingredients and recipes to learn about history, culture, and language; comparing and contrasting different Spanish-speaking countries and regions. Successful completion of this course along with Medical/Business Spanish is counted as a 3rd year of Foreign Language.

MEDICAL/BUSINESS SPANISH **.5 credit**

Prerequisite: Spanish 2

Students will receive instruction in Spanish interpretation, including interviewing skills, cultural cues and vocabulary relevant to the medical and business fields. The nature of this class is to prepare a native English speaker to communicate *verbally* in Spanish in a variety of settings. The class requires students to interview someone that works with Spanish-speakers and report back to class. *This class is conducted primarily in English.* Successful completion of this course along with Cooking in Spanish is counted as a 3rd year of Foreign Language.

SPANISH 3 **1 credit**

Prerequisite: Spanish 2

Past grammar and vocabulary will be reviewed, and more complex grammar and vocabulary structures will be introduced. Students can expect to learn new tenses, as well as conduct short conversations and write compositions in the target language. Culture will be studied through the celebration of various holidays, constructing piñatas, cooking authentic food, reading children's books in Spanish, and watching Spanish videos. Upon completion of Spanish 3 students should be able to enter a 2nd or 3rd semester college Spanish course and/or retroactively receive college credits for the previous semester(s).

CONVERSATIONAL SPANISH **.5 credit**
Prerequisite: Spanish 2
The focus of this class is conversation, and the topics range from historical events to current events and from comparisons of lifestyles in the United States to those in Europe and Latin America. Communication skills will be broadened as well as knowledge of art, history, geography, slang and popular culture. *This class is conducted entirely in Spanish.*

SPANISH 4 (offered Fall only) **1 credit**
Prerequisite: Spanish 3
Students will continue to expand their vocabulary base and strengthen their speaking, listening, reading and writing skills. Real life Spanish and college readiness will be emphasized. Students will watch television shows, read poetry, tell stories and write a variety of compositions to further their knowledge of the Spanish language and the culture it encompasses. Upon completion of Spanish 4 students should be able to enter a 3rd or 4th semester college course thus becoming eligible to receive credit retroactively for the previous semester(s).

CAPP SPANISH 204 (offered Spring only) 1.25 credits
Prerequisite: Class rank of top 25% OR cumulative GPA of 3.25+ OR ACT 24+ and GPA 2.75+ and Completion of Spanish 4.
Students in this class will develop advanced intermediate conversational and writing skills. The activities, discussions, and essays, will draw from the reading of short stories and poems as well as through a review of advanced grammar. *This class is conducted entirely in Spanish.* (offered Spring semester only)
Students can earn 5 transcripted credits from UW Oshkosh for passing the class and possibly an additional 11 retroactive credits if their average is a B (83%) or higher, (for a total of 16 credits). For this university course, books are provided. Approximate cost is $550 for 5 college credits.

Math

Students planning on attending post-secondary schooling including a 4 year College/University or a 2 year Technical College should plan on taking at least one Math class each year of high school. It is also recommended that students planning to take 2 math classes in a year receive an "A" in their previous math class.

ALGEBRA 1 (required) **1 credit**
Students will explore the foundational concepts of Algebra through a problem-based learning approach. The curriculum emphasizes understanding and applying mathematical concepts in real-world contexts, fostering critical thinking and collaborative problem-solving skills. Through interactive lessons, hands-on activities, and real-world applications, students will develop a deep understanding of algebraic concepts and their relevance in everyday life. This course prepares students for advanced mathematics and equips them with the necessary skills for success in future mathematical endeavors.

GEOMETRY (required) **1 credit**
Prerequisite: Algebra 1
Students explore and understand the properties and relationships of shapes, sizes, and the space in which they exist. Utilizing a problem-based learning approach, students will engage with geometric concepts through hands-on activities and real-world applications, enhancing their critical thinking and reasoning skills. Throughout the course, students will engage in collaborative projects, interactive lessons, and real-world problem-solving scenarios that highlight the relevance of geometry in everyday life. This course not only prepares students for advanced mathematical concepts but also fosters their ability to think spatially and analytically.

ACT PREP FOR JUNIORS **1 credit**
This course is designed to prepare juniors for success on the ACT. A critical step in the college admissions process. Students will develop skills and strategies for all sections of the test. Through practice tests, targeted lessons, and personalized feedback, students will build confidence and improve their performance. Emphasis will be placed on time management, problem-solving and understanding test structure to help maximize scores. This course is ideal for students aiming to achieve their full potential on the ACT test.

ALGEBRA 2 **1 credit**
Prerequisite: Algebra 1 and Geometry
Students will build on their foundational algebraic knowledge, deepening their understanding of complex mathematical concepts through a problem-based learning approach. The curriculum is designed to engage students in critical thinking and real-world applications, preparing them for higher-level math courses and various STEM fields. Through interactive lessons, collaborative activities, and real-world applications, students will develop an understanding of algebraic concepts that are essential for success in future mathematical studies. This course emphasizes both theoretical understanding and practical problem-solving skills.

AP PRECALCULUS **1 credit**
Prerequisite: Teacher recommendation, C or better in

Algebra 2
A PROGRAMMABLE GRAPHING CALCULATOR (NON CAS) IS REQUIRED. This course covers Polynomial, Rational, Exponential, Logarithmic, Trigonometric, & Polar Functions. This course is suggested for any students planning a career involving business, science, or math. The option of taking an Advanced Placement test for college credit is available to students.

College Credit Calculus: MATH 104. PRECALC 1 credit
A PROGRAMMABLE GRAPHING CALCULATOR (NON CAS) IS REQUIRED. This course covers: functions and their graphs, the algebra of functions, polynomial functions, rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, and conic sections. **Prerequisite:** UW System Placement test (WPT-MFND score >465 and WPT-AALG score >525) OR B or higher in Algebra 2 **Students can earn 4 transferable credits from UW-Green Bay on a transcript after completion of the course. In this university level course, books are provided. Approximate cost is $440 for 4 college credits**.

INTRO TO CALCULUS 0.5 credit
Prerequisite: Teacher recommendation, completion of AP PreCalculus
Course includes only the "essentials" of trigonometry, such as graphs of all six functions and the inverse of functions, right-triangle trig., and analytic trigonometry. The other material that is discussed includes an introduction to limits and derivatives. All the material needed to get you ready for the world of Calculus.

AP CALCULUS AB 1.5 credits
Prerequisite: Intro to Calculus
A PROGRAMMABLE GRAPHING CALCULATOR (NON CAS) IS REQUIRED. This course provides a complete coverage of calculus. The option of taking an Advanced Placement test for college credit is available to students.
College Credit Calculus: MATH 202. CALCULUS & ANALYTIC GEOMETRY 1.5 credits
A PROGRAMMABLE GRAPHING CALCULATOR (NON CAS) IS REQUIRED. This course covers differential and integral calculus of the elementary functions with associated analytic geometry; transcendental functions; techniques of integration; and applications.
Prerequisite: UWGB Precalculus with at least a B grade or UW System Placement test (WPT-MFND score >465 and WPT-AALG score >525 and WPT-TAG score >525) **Students can earn 4 transferable credits from UW Green Bay on a transcript after successful completion of the course. In this university level course, books are provided. Approximate cost is $440 for 4 college credits.**

AP STATISTICS 1 credit
Prerequisite: Teacher recommendation, **A TI83+ or TI84+ IS REQUIRED.**
The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. This course draws connections between all aspects of the statistical process, including design, analysis and conclusions. Additionally, using the vocabulary of statistics this course will teach students how to communicate statistical methods results and interpretations. Students will learn how to use graphing calculators and read computer output in an effort to enhance the development of statistical understanding.

MATH FOR THE TRADES-AS .5 credit
Prerequisite: Teacher recommendation
This course is offered as Advanced Standing in partnership with Fox Valley Technical College. This course covers practical applications of various math systems used in different career options. If a student scores 80% or higher on the cumulative final exam, they will qualify for Advanced Standing. **This course receives advanced standing credit from FVTC after the exam is passed.**

COLLEGE TECHNICAL MATH 1 1 credit
Prerequisites: Teacher recommendation, Algebra 2 & Senior status
Topics for class include: solving linear, quadratic, and rational equations; graphing; formula rearrangement; solving systems of equations; percent; proportions; measurement systems; computational geometry; right and oblique triangle trigonometry; trigonometric functions on the unit circle; and operations on polynomials. Emphasis will be on the application of skills to technical problems. This course is equivalent to successful completion of College Tech Math 1A and College Tech Math 1B. **FVTC dual/ transcripted credit is available per FVTC approval.**

Programming Math Electives, Gr. 9-12

COMPUTER SCIENCE FOUNDATIONS .5 credit
This course emphasizes problem-solving, creation, and collaboration, while introducing students to the many ways computer science impacts their lives. We explore the problem-solving process and the different ways humans and computers solve problems. Students will build websites while learning the HTML and CSS languages. JavaScript will be used to explore the constructs that support programming languages, and to begin the design process of apps.

PROGRAMMING 1 .5 credit
Prerequisite: Algebra 1 completion
This course introduces programming concepts and skills while developing computer software applications using

the C# language.

PROGRAMMING 2 **.5 credit**
Prerequisite: Programming 1
This course focuses on object-oriented concepts and programming skills from a software engineering perspective. Java is the language used to develop a general understanding of object-oriented programming. Familiarity with basic computer programming skills is assumed.

Grade 11 - 12 Course Electives

GAME DEVELOPMENT **.5 credit**
Prerequisites: Programming 2 completion, or Programming 1 completion with senior standing and Teacher approval. This course will focus on game development across multiple programming platforms (android & iOS). Unity 2D and 3D software will be used along with C# language.

PROGRAMMABLE LOGIC CONTROLLERS **.5 credit**
Prerequisites: Programming 1
Students will be introduced to the Allen Bradley PLC (Programmable Logic Controller) platform and hardware configurations. Students will create, edit, download, test and debug PLC projects using latches, counters, comparisons and forcing concepts. A PLC is a programmable device often used in the automation of machines and equipment to control a specific application or device. PLC's control a wide array of applications from stop and go lights, to machine control, to controlling entire processing or manufacturing plants. **Students can earn 1 FVTC transcripted credit per FVTC approval**

Music

VOCAL:

THE FREEDOM CHORALE **1 credit**
Prerequisite: Middle School choir participation or instructor approval
The Freedom Chorale is a non-auditioned ensemble for mixed voices. This ensemble is the flagship choir for Freedom High School, and is composed of dedicated musicians who strive to develop their musical skills. Freedom Chorale prepares high level choral repertoire and presents three concerts each year.

COLLA VOCE **1 credit**
Prerequisite: Audition or instructor approval
Colla Voce is an auditioned ensemble for treble voice singers. This ensemble learns a wide variety of repertoire, ranging from classical chamber music to contemporary vocal jazz. Members of this ensemble are expected to participate in all required performances throughout the year.

FREEDOM RINGERS **.5 credit**
Prerequisite: Previous enrollment in a musical ensemble or instructor approval
The Freedom Ringers is a handbell ensemble that provides exciting musical opportunities for any students interested in "non-traditional" musical ensemble.. Students are not required to have any previous ringing experience to join. The Freedom Ringers perform in two concerts each year.

ADAPTIVE MUSIC
Prerequisite: Enrollment decided by Special Education Department
Adaptive Music is a course offered to students in the Special Education Department that are not able to participate in Freedom Core Musical Ensembles due to a disability. This class will engage students in exploratory music curriculum, with special differentiation to meet each student's abilities.

INSTRUMENTAL:

JAZZ BAND I (Grade 9/10) .5 credit
JAZZ BAND II (Grade 11/12) .5 credit
Prerequisite: Instructor permission if not in Wind Ensemble/Symphonic Band
Jazz Band is open to any students who play a rhythm instrument: piano, guitar, or electric bass. Any student wishing to play trumpet, trombone, saxophone, or drums must be enrolled in Wind Ensemble or Symphonic Band to participate. This class is performance based as students will be introduced to basic jazz styles: swing, blues, big band and Latin. Basic improvisation will also be a part of the curriculum. The group will perform a minimum of three concerts during the school year as well as Solo and Ensemble, a jazz festival and a tour.

SYMPHONIC BAND (Grade 9/10) 1 credit
WIND ENSEMBLE (Grade 11/12) 1 credit
Prerequisite: Audition with instructor or successful completion of middle school band program or a semester of weekly individual lessons. ***Sophomores will be offered the opportunity to be in the Wind Ensemble based on need or ability. Permission of director is required***
This class has an emphasis on performance music with a wide variety of music styles and genres. Music performed will be challenging but appropriate for the ability of the group. They will perform separately as concert bands for events such as a Fall Concert, a winter concert, the solo/ensemble festival, and Spring concert. The two bands will combine to perform as the

marching band at football games and parades, and as the pep band at indoor sporting events during the winter.

MUSIC SEMINAR **(Grade 11-12)** **.5 credit**
Prerequisite: Instructor consent and 2 years of Band or Choir, or 2 years private study.
This course is an advanced course of study. Topics covered will be music theory and aural skills, transcription, composition and arranging, fundamental piano skills, music history, as well as music technology. (offered 25-26)

CAPP MUSIC THEORY **.5 credit**
Prerequisite: Music Seminar or Instructor approval
This course is for those wanting to go behind the scenes and learn how music works. CAPP Music Theory curriculum is aligned with the UW-Oshkosh standards for 1st year music theory students. In this course, students will study foundational topics of pitch, rhythm, scales, and keys before building on more complex musical ideas; including cadences, secondary harmony, composition, and more! **Students can earn 3 transcripted credits from UW-Oshkosh. In this university level course, books are provided. Approximate cost $330 for 3 college credits. Students may opt to enroll in CAPP Music Theory for high school only and not pay the tuition and not receive the UW-Oshkosh credit.**

Physical Education & Health

Grade 9

PHYSICAL EDUCATION (required) **.5 credit**
PE 9 contributes to the development of recreational skills and provides opportunities for such related learning as good sportsmanship, team play, intelligent spectatorship and other qualities essential to physical and mental development. Students also develop coordination of body and mind, leadership, alertness and quickness of response. Skills learned and attitudes developed will assist in healthy leisure time activities that promote physical and mental fitness and an enriched life.

Grade 10

HEALTH (required) **.5 credit**
This course will cover areas of health with the emphasis on applying knowledge and values that affect health-related behaviors. Topics covered will be personal health, nutrition, mental and environmental health, substance use and abuse, prevention and disease control, accident prevention and safety, consumer health and family life education.

Grade 10 - 12 Course Electives

CORE PERFORMANCE 1 **.5 credit**
Improve overall fitness levels in the area of strength, power, speed and agility,designed to emphasize the importance of strength training. Students will participate in all regular PE activities such as softball, badminton, volleyball, etc., each day after workouts. Weight training/speed-agility for the first half of class, followed by a sport activity for the second half.

LIFETIME ACTIVITIES 1 **.5 credit**
Activities are explored that a student can participate in now and for a lifetime. The activities focus on skill development, rules, regulations and strategies. Activities include golf, badminton, pickleball, bocce ball, volleyball, softball, bowling, Frisbee golf, dance, archery, hiking, strength and cardio activities.

TEAM SPORTS 1 **.5 credit**
The class covers rules, regulations and in-depth strategies of various team sports. The sports include football, soccer, handball, volleyball, lacrosse, softball, ultimate Frisbee, speedball, basketball, floor hockey, 8-base eclipse ball, rugby and angle ball.

CORE PERFORMANCE 2 **.5 credit**
This class is designed to improve the overall fitness level in the area learned in Core Performance 1 of strength, power, speed and agility, emphasizing the importance of fundamental strength training, proper spotting techniques, correct lifting form and creating and implementing a speed & agility strength program.

LIFETIME ACTIVITIES 2 **.5 credit**
After a short review of the activities learned in Lifetime Activities 1, more advanced skills will be introduced including additional activities skills for wall climbing, cross country skiing, snow shoeing, mountain biking, roller-blading, archery techniques, along with lifetime

fitness techniques in yoga, strength training and cardio.

TEAM SPORTS 2 **.5 credit**
Team Sports 2 starts with a short review of the Team Sports 1 curriculum followed by more advanced skills and new game strategies. Team building activities will include work on the climbing wall.

PERSONAL HEALTH & WELLNESS
(grades 11-12, does not count as PE) **.5 credit**
Prerequisites: C or better in 10th grade Health and C or better in Biology
This class will cover issues that are crucial to a students' personal lives by examining one's personal health in various aspects. Concepts covered will include but are not limited to lessons in personal nutrition, mental health, current events in society, sexuality & healthy relationships, complementary medical approaches pertaining to nutritional, psychological & physical aspects, and current events.

Science

Grade 9

PHYSICAL SCIENCE (required) **1 credit**
This is a lab course in introductory Physical Science intended to serve as a first science course at the secondary level. Students will have the opportunity to discover major science concepts while developing critical thinking skills. Laboratory work emphasizes astronomy, weather & climate, energy, Laws of Motion, and power & energy. This course explores many aspects of science that allow students to gain knowledge useful to functioning in the technological world.

Grade 10

BIOLOGY (required) **1 credit**
This course focuses on how evolution, information, energy, and interactions define the living beings of earth. Students are expected to manipulate models, analyze data, use mathematical models, conduct investigations, ask questions, define problems, argue from evidence, and communicate information to develop foundational principles for observing and predicting natural phenomena that link the living and nonliving. Performing laboratory investigations, modeling, reading, discussing, and questioning skills are used daily to develop effective and consistent habits of thinking.

Grade 10 - 12 Course Electives

CHEMISTRY **1 credit**
Prerequisite: C or better in Physical Science or recommendation of Biology teacher
Chemistry is the science of materials, their composition, properties, interactions and transformations. This course will place emphasis on the activities of experimentation and observations as the basis for all knowledge of chemistry. Laboratory work will provide the basis for development of many principles of chemistry. This course will stress the development of principles and theories that can be applied to broad areas of chemistry.

CONTEMPORARY CHEMISTRY **1 credit**
Prerequisite: Physical Science and Biology
This is a survey course focused on basic chemistry principles. Fundamental chemistry and science concepts are developed and then used to study applications of this science to technology in society. Emphasis is placed on selected topics that are current. This is an alternative to regular chemistry, but does not meet the prerequisite for AP Chemistry. This is not a lab science course for a university/4 year college bound student.

FIELD ECOLOGY **.5 credit**
Co-requisite: Successful completion of Biology with a C+ or better.
This course is a laboratory and field experience course designed to enhance students' skills in the science practices through writing, research, and investigation into the interaction between biotic and abiotic factors as well as the role of human activity in these interactions.

MEDICAL CASE STUDIES **.5 credit**
Prerequisite: Biology
In this course, students will examine the human body through the use of medical case studies. We will use deductive reasoning and problem solving skills while learning more about injuries, genetic disorders, and other diseases. Students will be expected to construct medical explanations of how and why the human body deals with these conditions.

PHYSICS **1 credit**
Prerequisite: Geometry and Algebra 2
This course deals with motion and its causes, energy

forms and how man controls these. Areas that will be studied include linear and rotational motion, Newton's laws, energy, light, sound and conversation laws. Students will develop principles by performing experiments. The concepts will be presented in abstract form and then applied to practical situations.

REEL SCIENCE **.5 credit**
Prerequisite: Physical Science
This demonstration focused course explores science topics in the areas of physical science, biology, and chemistry. Students will research topics and generate videos to upload across a variety of platforms for use within our FASD science classrooms. Students will develop real world skills using technology by developing and completing experiments and publishing them in a secure environment.

Grade 11 - 12 Course Electives

ANATOMY & PHYSIOLOGY **1 credit**
Prerequisite: B or better in Biology and instructor approval
This course focuses on the study of the structures of the human body and their function through the examination of the organ systems down to the molecular level. Coursework will develop the science practices of arguing from evidence; analyzing data; using math; constructing explanations and designing solutions; using models; conducting investigations; asking questions and defining problems; and communicating information through laboratory work that includes live and virtual simulations, inquiry investigations, building and refining laboratory models, and dissections. This course provides excellent learning opportunities for students interested in health careers, and self- and animal-care.

CAPP BIOLOGY 105 **1 credit**
Prerequisite: Class rank of top 25% OR cumulative GPA >3.25 or ACT > 24, B or better in Physical Science and Biology.
An introduction to the biological sciences. Course content addresses phenomena common to a diversity of life forms. Laboratory coursework develops scientific inquiry skills to construct scientific models of the unity and diversity of life, biological organization, cell biology, energy processing, genetics, and evolution in nature. **Students can earn 4 transcripted credits from UW-Oshkosh. In this university-level laboratory science course, texts are provided. Approximate cost for 4 credits is $440.**

AP CHEMISTRY **1 credit**
Prerequisite: B or better in Chemistry and preparation for the AP Chemistry exam Advanced Placement Chemistry is based upon the College Board's curriculum and is equivalent to a first year college Chemistry course. This second year Chemistry class will utilize the first year chemistry course content as a foundation for discussion of the following topics: stoichiometry, quantum mechanics, reaction types, chemical kinetics, equilibrium, thermodynamics, electrochemistry, materials science, buffer systems, coordination complexes, nuclear chemistry, and organic chemistry.

FORENSIC SCIENCE **.5 credit**
Prerequisite: Successful completion of at least 2 years of high school science including Biology. Chemistry or Contemporary Chem as prerequisite or corequisite.
This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. This course will require the application of a variety of science topics including biology, chemistry, physics, and earth science.

The following courses are accepted for graduation as science credit; however, they are not considered academic credit:

0.5 credit: Dual Credit Animal Science, Biotechnology, Plant Science, Vet Science

1 credit Intro to Agriscience, Contemporary Chemistry

NOTE: Physical Science and Biology are still required.

the primary goal to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Special emphasis will be directed toward preparing for the Advanced Placement Exam which affords students the opportunity to earn up to six college credits. **Successful completion of this course fulfills the Senior 20th Century America requirement.**

Social Studies

Grade 9

WORLD GEOGRAPHY (required) **.5 credit**
This course allows students to analyze patterns of culture, including population, language, religion, urban, settlement and their casual relationships. Special emphasis will be directed toward global diversity of world cultures, contrasting world views, human-environmental interaction, and general issues in geography.

Grade 9 – 10

CIVICS (required) **.5 credit**
(Completion required by end of sophomore year)
Civics will put the words "of the people, by the people and for the people" to practice as the students discover the meaning of participatory citizenship assuming the role of government officials from the local to the national level.

Grade 11

UNITED STATES HISTORY (required) **1 credit**
This course will cover events which took place from the First Americans through WWII. Emphasis will be concentrated on creating a new nation, growth of the democratic spirit, disruption, reunion and industrialization. A combination of a chronological and thematic approach will be utilized for instruction.

AP UNITED STATES HISTORY **1.5 credits**
Prerequisite: 3.2+ GPA, teacher recommendation
Designed to cover the same material as a two semester long college history class this course will focus on American history from discovery up to the present with

Grade 12

20th CENTURY AMERICA (required) **.5 credit**
The intent of this course is to focus on the important events and issues our country has faced since 1945. To truly understand much of what is occurring in our country and around the world today, we need to zero in on the past six decades. As an *active* participant, students will be able to acquire many of the answers to the "Whys?" in their lives. Why is there such concern over the Middle East? Why do terrorist groups want to harm and frighten Americans? Why do racial/gender issues continue to exist in 21st Century America?

Grade 10 - 12 Course Electives

EUROPEAN HISTORY **.5 credit**
This course focuses on the development of students' understanding of European history from approximately 1450-present.

NATIVE AMERICAN STUDIES **.5 credit**
This course will look at American History opposite traditional East (Plymouth Rock) to West. It will focus on the history West (Bering Strait) to East.

WESTERN WORLD CIVILIZATIONS **.5 credit**
Western World Civilizations is a world history course providing an understanding of the development of cultures and nations over the expanse of time from the ancient civilizations of Mesopotamia through the Middle Ages and early formations of European history. This course involves research topics and a variety of student presentations.

Grade 11 - 12 Course Electives

AP PSYCHOLOGY **1 credit**
Prerequisite: 3.2+ GPA & SS teacher signature
Psychology is not required to take AP Psychology.

This course is intended to mirror that of a psychology course at the college level. Students will explore both historic and contemporary research on the human mind and observable behavior. Areas of study include research methods, states on consciousness, sensation and perception, learning and conditioning, motivation, developmental theories, personality and abnormal behaviors. Students will be asked to think critically, demand more evidence, and keep an open mind to research that runs counter to personal beliefs and intuitions. AP Psychology prepares students for Advanced Placement Testing to afford students the opportunity to earn college credits.

ADOLESCENT PSYCHOLOGY **.5 credit**
Prerequisite: Successful completion of Psychology or AP Psychology
This course provides an overview of theory and research on adolescent development aligned to the following domains: physical, cognitive, emotional, social, moral, and identity.

ECONOMICS **.5 credit**
Prerequisite: 2.5+ GPA
In this course students will be offered the opportunity to learn about the economic system and their role in it as it relates to the statement of a government official, "If ignorance paid dividends, most Americans could make a fortune off of what they *don't* know about economics." Emphasis will be placed on the mechanics & measurements of our system & how active participation contributes in the economy's failures/successes.

FILM DOCUMENTARIES **.5 credit**
Through the use of film documentaries, students will be introduced to and gain greater insight into key political, economic, and social issues of our time. Viewing, research, analysis, review writing, and discussions will all contribute to an increased awareness of key contemporary American issues and perspectives. Topics included: environment, health care system, election fraud, food industry, corporate influence on society, effects of political action committees and more.

PSYCHOLOGY **.5 credit**
Prerequisite: 2.5+ GPA
This is an introductory course to the basic concepts involved in the study of human behavior. There is an emphasis placed on subfields of psychology that are applicable to daily life. Students will be exposed to major concepts and theories in areas such as learning & conditioning, memory, sensations & perceptions, psychological disorders, the brain, & personality development. Discovery will be done through class activities, demonstrations & group work. **NOTE: Psychology is not required to take AP Psychology.**

SOCIAL ISSUES **.5 credit**
Students interested in issues concerning our society (local, national and world levels) will have attention focused on current events & issues, as well as important topics such as violence, the American prison system, the media, sexism, population, immigration & the family.

SOCIOLOGY **.5 credit**
Prerequisite: 2.5+ GPA
This course will focus on how our individual choices are shaped by society and how our choices help shape society. The sociological imagination will be one of our primary tools as we explore society and our place within it. Since we are studying society and therefore ourselves, opportunities to use our sociological imaginations are all around us - in our everyday interactions, in global events, even in the music we hear. The first part of the course explores some of the ways sociologists view society, and also how we study the social world. In addition, we will examine culture, socialization, deviance and the structure of organizations. The second part of the course focuses on inequalities. Stratification takes many forms; we will explore social class, race and ethnicity, and gender. During this segment we will pay particular attention to inequalities within the institutions of families and education.

Technology Education

Grade 9

INTRO TO TECH ED **.5 credit**
Prerequisites: None
Intro to Tech is highly recommended for 9th grade students to explore technology used in Metalworking and Woodworking. The Metals unit will introduce students to Welding and Sheet Metal applications. The Woodworking unit will introduce students to basic Woodworking skills and concepts. Each unit will give students the opportunity to explore different areas in Tech ED through hands-on projects. Intro to Tech is a Prerequisite for additional Metals and Woodworking classes.

SMALL ENGINES **.5 credit**
Prerequisite: None
This hands-on course will take students through the disassembly and reassembly of two Briggs & Stratton 4 stroke engines. Students will learn basic engine operation, parts and function. Maintenance, and repair of small engines, including live work on lawn mowers, trimmers, scooters, and other small engine equipment, is included. Tools and safety will also be common threads throughout the course. Students can also earn Snap-on tools certifications.

COMPUTER AIDED DESIGN 1 **.5 credit**
Prerequisite: None
CAD 1 is an introductory course to provide students with an opportunity to explore Computer Aided Design (CAD), Digital Manufacturing Technology and Engineering. Learning activities include CAD 2D Sketching, 3D Modeling and Multiview Drawing creation using Autodesk Fusion 360 Software. Students will design and build projects using 3D printers and a laser engraver/cutter. Students will have the opportunity to receive the Autodesk Fusion 360 Industry Recognized Certification at the end of the class.

Grade 10 - 12 Course Electives

AUTO 1 **.5 credit**
Prerequisite: Intro to Tech Ed or Small Engines
This hands-on course will take students through basic maintenance and light repair of cars and trucks. Students will learn to care for, maintain, and repair different vehicles through a variety of learning experiences. Students can also have the opportunity to work on project cars, earn snap-on tools certifications, and work towards ASE certification.

AUTO BODY 1 **.5 credit**
Prerequisite: Intro to Tech Ed or Small Engines
This hands-on course will introduce students to basic auto body repairs. Students will experience various metal finishing and refinishing techniques involved in auto body repair from dent repair and metal finishing through paint and refinishing. Hands-on experiences include: Welding and fabrication, painting, plastic repair, customization and restoration. Students can also earn snap-on tools certifications, and work towards ASE certification. FVTC dual/ transcripted credit may be available per FVTC approval.

COMPUTER AIDED DESIGN 2 **.5 credit**
Prerequisite: CAD 1
CAD 2 is a continuation of CAD 1 to further explore Computer Aided Design (CAD), Digital Manufacturing Technology, Engineering and Automation. Learning activities include advanced CAD 2D Sketching, 3D Modeling and Multiview Drawing creation using Autodesk Fusion 360 Software. Students will design and build engineering projects using 3D printers, laser engraver/cutter and automation/electronics components to make a prototype function in a specific way. Students will have the opportunity to design and build personal projects at the end of the class.

METALS 1 **.5 credit**
Prerequisites: Intro to Tech ED
Metals 1 is an introductory course dealing with the technology used to join metal products. Students will explore and develop skills using the SMAW, GMAW and GTAW welding processes using mild steel along with two Sheet Metal projects. Students will develop skills with each welding process and will be required to complete three fabrications projects, one with each welding process. Students must pass Intro to Tech ED before taking Metals 1.

WOODS 1 **.5 credit**
Prerequisites: Intro to Tech ED
Woods 1 provides a foundational understanding of woodworking techniques, safety practices, basic hand and power tools, wood types, and project planning, allowing beginners to learn the fundamentals of creating

projects from wood while gaining confidence in the craft through hands-on practice with small-scale projects.

AUTO 2 **.5 credit**
Prerequisites: Auto 1
This hands-on course will take students through advanced automotive maintenance and repairs. Students also have the opportunity to work on advanced project cars and custom work such as: adding performance parts, stereo and lighting equipment, body kits and other after-market parts. Students can also earn snap-on tools certifications, and work towards ASE certification.

AUTO BODY 2 **.5 credit**
Prerequisite: Auto Body 1 or Instructor's signature
This hands-on course will take students through advanced auto body repairs including: fabrication, custom painting and design, welding, restoration, chassis and drivetrain hot rod applications. Students may have the opportunity to compete in the SkillsUSA collision repair contest at the state and national levels. Students can also earn snap-on tools certifications, and work towards ASE certification. FVTC dual/ transcripted credit may be available per FVTC approval.

METALS 2 **.5 credit**
Prerequisites: Metals 1
Metals 2 is a continuation of Metals 1 and will further explore the technology used to join metal products along with exposing students to Precision Machining Technology using a Milling Machine and Lathe. Students will explore and develop more advanced skills using the GMAW and GTAW welding processes. Students will engage in a variety of lab activities to develop the skills required to weld with these processes in the flat and vertical welding positions. Students will be required to complete three advanced fabrications projects, one with each welding process. In addition, students will complete one project using a Milling Machine and Lathe. Students must pass Metals 1 before taking Metals 2.

WOODS 2 **.5 credit**
Prerequisites: Intro to Tech ED
Woods 2 provides a foundational understanding of the principles and practices involved in residential construction, including safety procedures, basic building materials, blueprint reading, framing techniques, site layout, and the various stages of a residential construction project.

Grades 11- 12 Course Electives

METALS 3 **1.25 credits**
Prerequisites: Metals 2 or Instructor's Signature
Metals 3 is a semester course designed for students who are interested in entering a career in the welding field. Depending on each student's career interests they have multiple pathways they can explore in the class. Students will have the opportunity to receive a FVTC Welding Program Certificate called "Basic GMAW Welder" by completing the following FVTC course credits. Welding Intro/Safety (1 FVTC Credit), Blueprint Reading (1 FVTC Credit), Welding Symbols (1 FVTC Credit) and GMAW Techniques 1 (2 FVTC Credits). Students also have the option to spend time developing pipe welding skills if they are interested in going to the Local 400 pipefitters apprentice training facility after high school. Students also have the option of building advanced fabrication projects throughout the class. Students must pass Metals 2 before taking Metals 3.

AUTO 3 **.5 credit**
Prerequisites: Any Auto or Auto Body course
This advanced auto class is designed to give students who have experienced previous auto and auto body classes another opportunity to further develop their skills. Students will have a variety of hands-on experiences repairing and maintaining their own vehicles as well as class projects. Hands-on opportunities include: repair, fabrication, vehicle customization, paint and body, restoration, aftermarket part installation and more. Students can also work towards Snap-on and ASE certifications.

AUTO BODY 3 **.5 credit**
Prerequisites: Any Auto or Auto Body classes or Instructor signature
This advanced auto body class is designed to give students who have experienced previous auto body classes another opportunity to further develop their skills. Students will have a variety of hands-on experiences repairing and maintaining their own vehicles as well as class projects. Hands-on opportunities include: repair, fabrication, vehicle customization, paint and body, restoration, aftermarket part installation and more.

Grade 12 Course Electives

SENIOR AUTO **.5 credit**
Prerequisite: Any Auto or Auto Body classes or Instructor signature
This advanced auto class is designed to give students who have experienced previous auto classes another opportunity to take this type of class. Students will have a variety of hands-on experiences repairing and maintaining their own vehicles as well as class projects. Student projects can include repair, vehicle customization, paint and body work, restoration, aftermarket installation and more.

SENIOR SURVIVAL **.5 credit**
Prerequisite: None
This introductory course is designed for senior girls and boys covering the basics of how to care for, repair and maintain their cars and homes. Senior Survival is based on a variety of hands-on experiences and classroom discussions on topics such as how to buy a car, basic vehicle maintenance and repair. Basic home maintenance explores: framing and drywall, plumbing, electrical, interior design and home buying.