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 2019

Dear Students/Parents:

The 2019-2020 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 counselor. Best wishes for a productive and meaningful school year.

Sincerely,

Kurt Erickson

Kurt Erickson
Principal
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.

Career Cruising is a self-exploration and planning program that helps people of all ages 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 rich, engaging content.

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.
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.

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

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Page(s)</th>
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</thead>
<tbody>
<tr>
<td>Agriculture, Food &amp; Natural Resources</td>
<td>1-3</td>
</tr>
<tr>
<td>Architecture &amp; Construction</td>
<td>4</td>
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<tr>
<td>Arts, A/V Technology &amp; Communications</td>
<td>5-6</td>
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<tr>
<td>Business Management &amp; Administration</td>
<td>7</td>
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<tr>
<td>Education &amp; Training</td>
<td>8</td>
</tr>
<tr>
<td>Finance</td>
<td>9</td>
</tr>
<tr>
<td>Government &amp; Public Administration</td>
<td>10</td>
</tr>
<tr>
<td>Health Science</td>
<td>11</td>
</tr>
<tr>
<td>Hospitality &amp; Tourism</td>
<td>12</td>
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<tr>
<td>Human Services</td>
<td>13</td>
</tr>
<tr>
<td>Information Technology</td>
<td>14</td>
</tr>
<tr>
<td>Law, Public Safety, Corrections &amp; Security</td>
<td>15</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>16</td>
</tr>
<tr>
<td>Marketing</td>
<td>17</td>
</tr>
<tr>
<td>Science, Technology, Engineering &amp; Mathematics</td>
<td>18</td>
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<tr>
<td>Transportation, Distribution, &amp; Logistics</td>
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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.

Photography courtesy of Photography 1 student, Kaylee Crews.

Career Options:

From High School:
Nursery Worker
Stable Worker
Crop-Sprayer
Pet Shop Worker

Landscape Laborer
Pet Groomer
Vet Hospital Worker
Farm Worker

Careers with Certification/Associate Degree
Animal Control Officer
BioTech Lab Technician
Environmental Technician
Forestry Technician
Greenhouse Manager
Quality Food Control Specialist

Arborist
Genetic Technologist
Horticulturist
Animal Nutritionist
Fish & Game Officer
Veterinary Technician

Bachelor Degree, Pre-Professional, or Higher Degree
Agricultural Commodities & Broker
Agricultural Engineer
Biochemist
Food Scientist
Geneticist
Marine Biologist

Agricultural Educator
Game Warden
Landscape Architect
Soil Geologist
USDA Inspector
Agricultural Sales & Communications
# Agribusiness

## Pathway Courses

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Options</th>
<th>Related Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>• Ag Science 1</td>
<td>• Leadership for Life</td>
</tr>
<tr>
<td></td>
<td>• Ag Science 2</td>
<td>• Leadership for Life Advanced</td>
</tr>
<tr>
<td>Year 2</td>
<td>• Biology</td>
<td>• Senior Survival</td>
</tr>
<tr>
<td>Year 3</td>
<td>• Ag Business &amp; Personal Finance</td>
<td>• Agricultural Sales &amp; Marketing</td>
</tr>
<tr>
<td>Year 4</td>
<td>• Statistics</td>
<td>• AP Biology</td>
</tr>
<tr>
<td></td>
<td>• Economics</td>
<td>• Spanish 1, 2, Medical/Business</td>
</tr>
<tr>
<td></td>
<td>• CAPP English 101</td>
<td>• Biotechnology</td>
</tr>
</tbody>
</table>

## Career Related Activities:
- FFA / Forensics / Athletics / Student Council / FHS School Paper

## Workplace Learning Experiences:
- Youth Apprenticeship

# Animal Systems

## Pathway Courses

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Options</th>
<th>Related Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>• Ag Science 1</td>
<td>• Horse Science</td>
</tr>
<tr>
<td>Year 2</td>
<td>• Ag Science 2</td>
<td>• Intro to Aquaculture Production &amp; Lab</td>
</tr>
<tr>
<td>Year 3</td>
<td>• Small Animal Science</td>
<td>• Advanced Aquaculture Production &amp; Lab</td>
</tr>
<tr>
<td></td>
<td>• Large Animal Science</td>
<td>• Ag Business &amp; Personal Finance</td>
</tr>
<tr>
<td>Year 4</td>
<td></td>
<td>• Biotechnology</td>
</tr>
</tbody>
</table>

## Career Related Activities:
- FFA / Bio Club / Athletics

## Accreditations:
- Advanced Standing Credit from FVTC received when Vet Science and Animal Science/Intro to Pet Care are taken.

## Workplace Learning Experiences:
- Youth Apprenticeship

# Food Products / Processing Systems

## Pathway Courses

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Course Options</th>
<th>Related Electives</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>• Ag Science 1</td>
<td>• Ag Sales &amp; Marketing</td>
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<tr>
<td></td>
<td>• Ag Science 2</td>
<td>• Ag Business &amp; Personal Finance</td>
</tr>
<tr>
<td>Year 2</td>
<td>• Intro to Food Science</td>
<td>• Foods 1 &amp; 2</td>
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<td></td>
<td>• Dairy &amp; Meat Products Processing</td>
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<td></td>
<td>• Fruit &amp; Vegetable Processing</td>
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<tr>
<td>Year 3</td>
<td>• Chemistry</td>
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<tr>
<td></td>
<td>• Biotechnology</td>
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<tr>
<td>Year 4</td>
<td>• Anatomy / Physiology</td>
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</tbody>
</table>

## Career Related Activities:
- FFA / Bio Club / Athletics

## Workplace Learning Experiences:
- Youth Apprenticeship
# Plant Systems

<table>
<thead>
<tr>
<th>Year</th>
<th>Pathway Courses</th>
<th>Related Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>•Ag Science 1</td>
<td>•Greenhouse Management</td>
</tr>
<tr>
<td></td>
<td>•Ag Science 2</td>
<td>•Landscape Design</td>
</tr>
<tr>
<td></td>
<td>•Biology</td>
<td>•Forestry</td>
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<tr>
<td>Year 2</td>
<td>•Plant Science</td>
<td>•Conservation &amp; Pond Management</td>
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<tr>
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<td>•Chemistry</td>
<td>•Golf Course Management</td>
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<tr>
<td>Year 3</td>
<td>•Biotechnology</td>
<td>•Landscape Maintenance</td>
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<tr>
<td></td>
<td>•Horticulture</td>
<td>•Soil Science &amp; Hydroponics</td>
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</table>

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

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# Natural Resource / Environmental Service Systems

<table>
<thead>
<tr>
<th>Year</th>
<th>Pathway Courses</th>
<th>Related Electives</th>
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</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>•Ag Science 1</td>
<td>•Wildlife Conservation &amp; Habitat 1</td>
</tr>
<tr>
<td></td>
<td>•Ag Science 2</td>
<td>•Wildlife Conservation &amp; Habitat 2</td>
</tr>
<tr>
<td>Year 2</td>
<td>•Biology</td>
<td>•Intro to Aquaculture Production &amp; Lab</td>
</tr>
<tr>
<td>Year 3</td>
<td>•Plant Science</td>
<td>•Advanced Aquaculture Production &amp; Lab</td>
</tr>
<tr>
<td></td>
<td>•Chemistry</td>
<td>•Natural Resources &amp; Alternative Energy</td>
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<tr>
<td>Year 4</td>
<td>•The Future</td>
<td>•Leadership for Life</td>
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<tr>
<td></td>
<td></td>
<td>•Leadership for Life Advanced</td>
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<tr>
<td></td>
<td></td>
<td>•Ag Business &amp; Personal Finance</td>
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<tr>
<td></td>
<td></td>
<td>•Social Issues</td>
</tr>
</tbody>
</table>

**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.

Career Options:

From High School:
Construction Laborer
Fence Builder
Construction Worker Helper
Highway Maintenance Worker

Careers with Certification/Associate Degree
Air Conditioning Technician
Bricklayer
Construction Management Industry
Electrician
Pipe fitter
Plumber
Architectural Drafter
Carpenter
Glazier
Plasterer
Tile Setter
Drywall Installer

Bachelor Degree, Pre-Professional, or Higher Degree
Architect
C.A.D. Designer
Cost Estimator
Grounds Supervisor
Landscape Architect
Building Contractor
Civil Engineer
Electrical Engineer
Interior Design

Design/Pre-Construction and Construction

<table>
<thead>
<tr>
<th>Pathway Courses</th>
<th>Related Electives</th>
</tr>
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<tbody>
<tr>
<td>Year 1</td>
<td>• Intro to Tech Ed</td>
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<tr>
<td>Year 2</td>
<td>• Power and Energy</td>
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<tr>
<td></td>
<td>• Drafting &amp; Engineering 1</td>
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<tr>
<td>Year 3</td>
<td>• Woods 1</td>
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<tr>
<td></td>
<td>• Woods 2</td>
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<tr>
<td></td>
<td>• Drafting &amp; Engineering 2</td>
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<tr>
<td>Year 4</td>
<td>• Intro to Business</td>
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<td></td>
<td>• Trigonometry</td>
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<td>• Metals 1, 2, 3</td>
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<td>• Spanish 1</td>
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<td></td>
<td>• Intro to Art, Drawing 1, 2</td>
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<td>• Core Performance 1, 2</td>
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<td></td>
<td>• Senior Survival</td>
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<td></td>
<td>• Math for the Trades</td>
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<td></td>
<td>• The Future</td>
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<td></td>
<td>• Technical College Math</td>
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<td></td>
<td>• Mold Making and Casting</td>
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</tbody>
</table>

Career Related Activities: VICA / Art Club / Athletics / National Art Honor Society / Math Team
Accreditation: Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Tech Math.
Workplace Learning Experiences: Youth Apprenticeship
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.

Career Options:

From High School:
Floral Designer
Photographer
Pre-Press

Musician
Painter
Sign Designer

Careers with Certification/Associate Degree
Animator
Broadcast Technician
Craft Artist
Printing Press Operator
Taxidermist
Graphic Designer

Prepress Technician
Recording Technician
Public Relations Manager
Potter
Communication Lines Maintainer

Bachelor Degree, Pre-Professional, or Higher Degree
Artist
Copy Editor
Music Teacher
Illustrator
Interior Decorator
Art Therapist
Journalist

Cinematographer
Jeweler
Art Teacher
Graphic Designer
Art Historian
Composer
### Performing Arts: Band

<table>
<thead>
<tr>
<th>Pathway Courses</th>
<th>Related Elective</th>
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<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>• Symphonic Band</td>
</tr>
<tr>
<td><strong>Year 2</strong></td>
<td>• Symphonic Band</td>
</tr>
<tr>
<td><strong>Year 3</strong></td>
<td>• Wind Ensemble</td>
</tr>
<tr>
<td></td>
<td>• AP Literature and Composition</td>
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<tr>
<td><strong>Year 4</strong></td>
<td>• Wind Ensemble</td>
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<td></td>
<td>• CAPP English 101</td>
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</table>

#### Career Related Activities:
- Play / Athletics / Forensics / Robotics / Tech Club

### Performing Arts: Choir

<table>
<thead>
<tr>
<th>Pathway Courses</th>
<th>Related Electives</th>
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<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>• Women’s Chorale</td>
</tr>
<tr>
<td><strong>Year 2</strong></td>
<td>• Women’s Chorale</td>
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<tr>
<td></td>
<td>• Green Sing Gold</td>
</tr>
<tr>
<td><strong>Year 3</strong></td>
<td>• Women’s Chorale</td>
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<tr>
<td></td>
<td>• Green Sing Gold</td>
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<tr>
<td><strong>Year 4</strong></td>
<td>• Women’s Chorale</td>
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<td></td>
<td>• Green Sing Gold</td>
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</table>

#### Career Related Activities:
- Play / Athletics / Forensics / Tech Club

### Visual Arts

<table>
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<tr>
<th>Pathway Courses</th>
<th>Related Electives</th>
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<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>• Intro to Art</td>
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<tr>
<td><strong>Year 2</strong></td>
<td>• Ceramics 1</td>
</tr>
<tr>
<td></td>
<td>• Drawing 1</td>
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<td></td>
<td>• Painting 1</td>
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<td>• Photography 1</td>
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<tr>
<td><strong>Year 3</strong></td>
<td>• Ceramics 2</td>
</tr>
<tr>
<td></td>
<td>• Drawing 2</td>
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<tr>
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<td>• AP Literature &amp; Composition</td>
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<td>• Painting 2</td>
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<td></td>
<td>• Photography 2</td>
</tr>
<tr>
<td><strong>Year 4</strong></td>
<td>• Digital Art &amp; Graphics 1</td>
</tr>
<tr>
<td></td>
<td>• Digital Art &amp; Graphics 2</td>
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<td></td>
<td>• Ceramics 3</td>
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<td></td>
<td>• Drawing 3</td>
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<td></td>
<td>• Painting 3</td>
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<td>• Photography 3</td>
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<td></td>
<td>• CAPP English 101</td>
</tr>
</tbody>
</table>

#### Career Related Activities:
- Art Club / VICA / Tech Club / NAHS / Writing Club / Athletics

#### Accreditation:
Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math AS.

#### 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.

Career Options:

From High School:
Bank Teller  Meter Reader  Caterer  Sales Clerk
Mail Clerk  Receptionist  File Clerk

Careers with Certification/Associate Degree
Accountant  Stenographer  Tax Preparer  Administrative Assistant
Computer Operator  Court Reporter  Business Owner

Bachelor Degree, Pre-Professional, or Higher Degree
Advertising Manager  Art Director  Marketing Manager  Human Resource Manager
Business and Industr  Consultant  Health Care Administrator

Business Management & Administration

Pathway Courses

<table>
<thead>
<tr>
<th>Year</th>
<th>Related Electives</th>
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<tbody>
<tr>
<td>Year 1</td>
<td>• Intro to Accounting</td>
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<tr>
<td></td>
<td>• Microsoft Office Suite/Publ</td>
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<tr>
<td></td>
<td>• Business Documents</td>
</tr>
<tr>
<td>Year 2</td>
<td>• Accounting</td>
</tr>
<tr>
<td>Year 3</td>
<td>• Intro to Business</td>
</tr>
<tr>
<td></td>
<td>• Financial Planning</td>
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<td>Year 4</td>
<td>• Intro to Entrepreneurship</td>
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<td></td>
<td>• Interpersonal Business Skills</td>
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<td>• Concepts of Programming</td>
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<td>• Economics</td>
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<td>• Sociology</td>
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<td>• Statistics</td>
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<td>• Spanish 1</td>
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</tbody>
</table>

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.

Career Options:

From High School:
- Aerobics Instructor
- Child Care Assistant
- Dance Teacher
- Library Assistant
- Self-Enrichment Teacher

Careers with Certification/Associate Degree
- Preschool Worker
- Teacher Assistant
- Sign Language Interpreter

Bachelor Degree, Pre-Professional, or Higher Degree
- Teacher
- Bilingual Coordinator
- Apprenticeship Administrator
- School Psychologist
- Principal

Teaching / Training

<table>
<thead>
<tr>
<th>Pathway Courses</th>
<th>Related Electives</th>
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</thead>
<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>• Spanish 1</td>
</tr>
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<td></td>
<td>• Relationships</td>
</tr>
<tr>
<td><strong>Year 2</strong></td>
<td>• Child Development</td>
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<td><strong>Year 3</strong></td>
<td>• AP Psychology</td>
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<td>• AP US History</td>
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<td>• The Future</td>
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<td><strong>Year 4</strong></td>
<td>• Sociology</td>
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<td>• Senior Survival</td>
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<td>• Spanish 2, Conversational Spanish</td>
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<td></td>
<td>• Symphonic Band, Jazz Band</td>
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<td></td>
<td>• Life on Your Own</td>
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<td>• Social Issues</td>
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<td>• Team Sports 1, 2</td>
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<td></td>
<td>• Green Sing Gold, Women’s Chorale</td>
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<td></td>
<td>• Adolescent Psychology</td>
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<td></td>
<td>• Cooking in Spanish</td>
</tr>
</tbody>
</table>

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.

Career Options:

From High School:
Bill & Account Collector  Brokerage Clerk  Cashier

Careers with Certification/Associate Degree
Accountant  Brokerage Clerk  Loan Officer
Claim Adjuster  Financial Institution Manager
Insurance Agent  Personal Property Appraiser

Bachelor Degree, Pre-Professional, or Higher Degree
Accountant  Actuary
Auditor  Brokerage Clerk
Business & Industry Consultant  Controller
Credit Analyst  Credit Card Operations Manager
Insurance Underwriter  Investment Advisor

Pathway Courses

<table>
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<tr>
<th>Year</th>
<th>Pathway Courses</th>
<th>Related Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>• Business Documents</td>
<td>• AP U.S. History</td>
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<tr>
<td></td>
<td>• Microsoft Office Ste/Publish</td>
<td>• Calculus</td>
</tr>
<tr>
<td></td>
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<td>• Spanish 1, 2, 3, Medical / Business Spanish, CAPP Spanish</td>
</tr>
<tr>
<td>Year 2</td>
<td>• Intro to Accounting</td>
<td>• Core Performance 1, 2</td>
</tr>
<tr>
<td>Year 3</td>
<td>• Sociology</td>
<td>• The Future</td>
</tr>
<tr>
<td>Year 3</td>
<td>• Intro to Business</td>
<td>• Symphonic Band, Jazz Band</td>
</tr>
<tr>
<td>Year 3</td>
<td>• AP Psychology</td>
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<tr>
<td>Year 3</td>
<td>• Accounting</td>
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<td>Year 4</td>
<td>• Economics</td>
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<tr>
<td>Year 4</td>
<td>• AP Statistics</td>
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<tr>
<td>Year 4</td>
<td>• Financial Planning</td>
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</tr>
</tbody>
</table>

Career Related Activities:  Student Council / Chess Club / Athletics / Forensics / Math Team
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.

Career Options:

From High School:
- Mail Carrier
- License Examiner
- License Clerks
- Military Forces

Careers with Certification/Associate Degree
- Title Examiner
- Building Inspector
- City Planning Aid
- Accountant
- Translator/Interpreter
- Association Executive
- Inspector

Bachelor Degree, Pre-Professional, or Higher Degree
- Legislator
- City Manager
- Political Scientist
- Urban Planner
- Lawyer
- Infantry Officer
- Apprenticeship Specialist
- Emergency Management Specialist

Pathway Courses

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>•Spanish 1</td>
<td>•Social Issues</td>
<td>•AP US History</td>
<td>•AP Psychology</td>
</tr>
<tr>
<td>•Relationships</td>
<td></td>
<td>•Sociology</td>
<td>•Life on Your Own</td>
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<td></td>
<td>•Leadership for Life</td>
<td>•Intro to Business</td>
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<td>•Economics</td>
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</table>

Related Electives

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<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>•Interpersonal Business Skills</td>
<td>•Green Sing Gold, Women’s Chorale</td>
<td>•Symphonic Band, Jazz Band</td>
<td>•Spanish 2, Conversational Spanish</td>
</tr>
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<td>•Lifetime Activities 1, 2</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>•Intro to Art, Photography</td>
</tr>
</tbody>
</table>

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.

Career Options:

From High School:
Certified Nursing Assistant  Clerk  Food Service Worker  Hospital Admitting

Careers with Certification/Associate Degree
Emergency Medical Technician  Home Health Aide  Surgical Technician
Massage Therapist  Physical Therapy Aide  Ultrasound Technician
Radiology Technologist  Registered Nurse  Translator and Interpreter

Bachelor Degree, Pre-Professional, or Higher Degree
Athletic Trainer  Chiropractor  Primary Care Physician  Psychiatrist
Dentist  Radiation Therapist  Laboratory Scientist
Occupational Therapist  Physical Therapist  Surgeon

Pathway Courses  Related Electives

Year 1  • Spanish 1  • Sociology
• Relationships  • AP Statistics
Year 2  • Child Development  • Spanish 2, 3, 4, Spanish Medical / Business, CAPP Spanish
Year 3  • Medical Terminology  • Core Performance 1, 2
• Chemistry  • Intro to Art, Sculpture
• AP Psychology  • Symphonic Band, Jazz Band
• Anatomy & Physiology  • Green Sing Gold, Women’s Chorale
• Nursing Assistant Training  • Green Sing Gold, Women’s
Year 4  • AP Chemistry  • Adolescent Psychology
• AP Biology  • Genetics
• Intro to Health Careers/People Sk.

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 Medical Terminology, Intro to Health Careers/People Skills, and Nursing Assistant
Workplace Learning Experiences:  Youth Apprenticeship
Hospitality and Tourism

The focus the management, marketing, and operations of restaurants and other foodservices, lodging, attractions, recreation events, and travel related services.

Career Options:

From High School:
Day Worker
Gaming Change Person

Career Options:

Food Attendant
Cashier

Career Options:

Usher
Waiter/Waitress

Career Options:

Cake Decorator
Concierge

Careers with Certification/Associate Degree:
Club Manager
Household Manager

Career Options:

Food Service Supervisor
Hotel Manager

Career Options:

Conference Planner
Restaurant Manager

Career Options:

Recreation Director
Taxidermist

Bachelor Degree, Pre-Professional, or Higher Degree:
Archivist
Curator

Career Options:

Coach
Historian

Career Options:

Zoo Keeper
Translator/Interpreter

Career Options:

Park Ranger
Recreation Director

Pathway Courses

| Year 1      | Foods 1                   | Symphonic Band, Jazz Band |
|            | Decorating, Design, Sewing | Interpersonal Business Skills |
|            | Relationships              | The Future               |
| Year 2     | Intro to Accounting       | Team Sports 1, 2         |
|            | Intro to Art/ Photography | Spanish 1, 2, Conversation |
|            | Foods 2                   | Chemistry                |
| Year 3     | AP Psychology             | Sociology                |
|            | Baking Fundamentals       | Senior Survival          |
|            | Basic Interior Design     | Technical College Math   |
| Year 4     | Digital Art & Graphics    | Green Sing Gold, Women’s |
|            | AP Biology                | Chorale                  |
|            | Intro to Business         | Cooking in Spanish       |

Career Related Activities: FFA / Spanish Club / Athletics / Bio Club / Forensics / Creative Writing Club / NHS / Drama / NAHS / Tech Club / Art Club

Accreditation: Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math.

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.

Career Options:

From High School:
- Aerobics Instructor
- Household Cook
- Nanny
- Crossing Guard

Careers with Certification/Associate Degree
- Community Organization Worker
- Cosmetologist
- Shoe Repairer
- Funeral Director
- Preschool Teacher
- Skin Care Specialist

Bachelor Degree, Pre-Professional, or Higher Degree
- Dietician
- Psychiatrist
- Sociologist
- Social Worker
- Placement Counselor
- School Counselor
- Athletic Trainer
- Psychologist

Pathway Courses

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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</thead>
<tbody>
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<td>• Relationships</td>
<td>• AP US History</td>
<td>• AP Psychology</td>
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<td>• Sociology</td>
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<tr>
<td></td>
<td></td>
<td>• Medical Terminology</td>
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<td>• Intro to Health Careers/People Sk.</td>
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<tr>
<td>Related Electives</td>
<td>Intro to Art, Sculpture</td>
<td>Interpersonal Business Skills</td>
<td>Adolescent Psychology</td>
</tr>
<tr>
<td></td>
<td>Life on Your Own</td>
<td>Spanish 2, Conversation</td>
<td>Genetics</td>
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<td></td>
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<td></td>
<td>Cooking in Spanish</td>
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</tr>
<tr>
<td>Career Related Activities:</td>
<td>Chess Club / Spanish Club / Athletics / Forensics / Creative Writing Club / NAHS / Art Club / Drama / NHS</td>
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<tr>
<td>Workplace Learning Experiences:</td>
<td>Youth Apprenticeship</td>
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</tbody>
</table>
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.

Career Options:

From High School:
Careers in this field require more than minimal or on-the-job training

Careers with Certification/Associate Degree
Computer Programmer
Computer Systems Analyst
Tool Programmer
Computer Support Specialist
Data Communications Analyst
Webmaster

Bachelor Degree, Pre-Professional, or Higher Degree
Animator
Computer Network Coordinator
Illustrator
Software Engineer
Computer Engineer
Database Administrator
Scientific & Engineering Programmer
Webmaster

Pathway Courses

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<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Tech Ed</td>
<td>Computer Programming</td>
<td>AP Statistics</td>
<td>The Future</td>
</tr>
<tr>
<td>Microsoft Office Ste/Publish</td>
<td>Advanced Computer Programming</td>
<td>Concepts of Programming</td>
<td>Economics</td>
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<tr>
<td>Business Documents</td>
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<td></td>
<td>Programmable Logic Controllers</td>
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<tr>
<td>Power and Energy</td>
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<td></td>
<td>Ladder Logic &amp; Control Devices</td>
</tr>
<tr>
<td>Intro to Art, Drawing</td>
<td>Photography</td>
<td>Core Performance 1, 2</td>
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</tr>
<tr>
<td>Technical College Math</td>
<td>Calculus</td>
<td>AP Psychology</td>
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<tr>
<td>Physics</td>
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<td></td>
<td>Mixed Media and Fibers</td>
</tr>
</tbody>
</table>

Related Electives

Career Related Activities:  Tech Club / Robotics / VICA / Math Team / Chess Club / Art Club
Accreditation:  Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math.
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.

Career Options:

From High School:
Correctional Officer
Crossing Guard
Parking Enforcement Officer
Dispatcher
Security Guard

Careers with Certification/Associate Degree
Bailiff
Firefighter
Park Ranger
Court Reporter
Legal Secretary
Police Officer
Emergency Medical Technician
Paralegal Assistant
Private Detective

Bachelor Degree, Pre-Professional, or Higher Degree
Adjudicator
Judge
Park Ranger
Arbitrator
Judicial Law Clerk
Probation/Parole Officer
FBI Agent
Lawyer
Forensic Science Technician

Pathway Courses

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tbody>
<tr>
<td>• Spanish 1</td>
<td>• Spanish 1</td>
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<tr>
<td>• Relationships</td>
<td>• Relationships</td>
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<tr>
<td>• Social Issues</td>
<td>• Core Performance 1</td>
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<tr>
<td>• Core Development</td>
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<tr>
<td>• Child Development</td>
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<tr>
<td>• AP Psychology</td>
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<tr>
<td>• AP US History</td>
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<tr>
<td>• Leadership for Life</td>
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<td></td>
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<tr>
<td>• Core Performance 2</td>
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<td></td>
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</tr>
<tr>
<td>• Sociology</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>• AP Psychology</td>
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</tbody>
</table>

Related Electives

| • Auto Body 1, 2 |
| • Auto 1 & 2 |
| • Interpersonal Business Skills |
| • Intro to Art, Drawing |
| • Chemistry |
| • Spanish 2, Conversational Spanish |
| • Senior Survival |

Career Related Activities: Student Council / Spanish Club / Athletics / Forensics / Creative Writing Club / NAHS / Bio Club / Tech Club / NHS

Workplace Learning Experiences: Youth Apprenticeship, Job Shadow
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.

Photography courtesy of Photography 1 student, Kaylee Crews.

Career Options:

From High School:
- Apparel & Home Furnishings
- Hand Worker
- Production and Planning Clerk
  - Dyer
  - Oil Well Driller
  - Production Assembler
  - Brush Painter
  - Order Filler
  - Engraver
  - Tire Builder

Careers with Certification/Associate Degree
- Apparel Pattern Maker
- Electrical Appliance Repair
- Musical Instrument Repairer
  - Combination Welder
  - Electric Motor Technician
  - Quality Control Electrician
  - Computer Technician
  - Locksmith
  - Tool and Die Maker

Bachelor Degree, Pre-Professional, or Higher Degree
- Communications Operations
- Electronic Engineer
- Industrial Engineer
- Occupational Health & Safety Inspector
  - Manager
  - Engineering Manager
  - Mechanical Engineer
  - Electrical Engineer
  - Environmental Engineer
  - Production Supervisor

Pathway Courses

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<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Tech Ed</td>
<td>Drafting &amp; Engineering 1, Metal 1</td>
<td>Metals 2, 3</td>
<td>Manufacturing Enterprise</td>
</tr>
<tr>
<td>Power and Energy</td>
<td>The Future</td>
<td>Drafting &amp; Engineering 2</td>
<td>Economics</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Technical College Math</td>
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</tbody>
</table>

Related Electives

<table>
<thead>
<tr>
<th>Intro to Art, Drawing, Dig Art &amp; Graph 1, 2, Mixed Media Fibers</th>
<th>AP US History</th>
<th>Spanish 1, 2, Medical/Business Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woods 1, 2</td>
<td>Auto 1, 2</td>
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<tr>
<td>Intro to Business</td>
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<tr>
<td>Core Performance 1, 2</td>
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<tr>
<td>Statistics</td>
<td></td>
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<tr>
<td>Mold Making and Casting</td>
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<tr>
<td>Small Engines</td>
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</tr>
</tbody>
</table>

Career Related Activities: Student Council / Math Team / Athletics / Auto Club / FFA / NHS / Skills USA (VICA) / Tech Club / Robotics

Accreditations: Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math.

Workplace Learning Experiences: Youth Apprenticeship, Job Shadow
Marketing, Sales, & Service

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

Career Options:

From High School:
- Antique/Collectible Dealer
- Counter Clerk
- Customer Service Representative

Career Options With Certification/Associate Degree
- Advertising Layout Designer
- Buyer
- Real Estate Agent

Bachelor Degree, Pre-Professional, or Higher Degree
- Advertising Account Executive
- Marketing Manager
- Research Analyst

Marketing, Sales & Service

Pathway Courses

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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</thead>
<tbody>
<tr>
<td>• Microsoft Office Suite/Publisher</td>
<td>• Intro to Art, Digital Art &amp; Graphics, Mixed Media and Fibers, Photography 1, 2, Painting 1, 2</td>
<td>• AP US History</td>
<td>• AP Psychology</td>
</tr>
<tr>
<td>• Intro to Accounting</td>
<td>• Natural Resources &amp; Alt. Energy</td>
<td>• The Future</td>
<td>• Technical College Math</td>
</tr>
<tr>
<td>• Intro to Accounting</td>
<td>• Team Sports 1, 2</td>
<td>• Sociology</td>
<td>• Intro to Entrepreneurship</td>
</tr>
<tr>
<td>• Business Documents</td>
<td>• Calculus</td>
<td>• Intro to Business</td>
<td>• Statistic</td>
</tr>
<tr>
<td>• AP US History</td>
<td>• Spanish 1, 2, Conversational Spanish</td>
<td>• Interpersonal Business Skills</td>
<td>• Green Sing Gold, Women's Chorale</td>
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<tr>
<td>• The Future</td>
<td>• Leadership for Life</td>
<td>• Computer Programming</td>
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<tr>
<td>• Intro to Business</td>
<td>• Leadership for Life</td>
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<td>• Leadership for Life</td>
<td>• Computer Programming</td>
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</tbody>
</table>

Career Related Activities: Forensics / Student Council / Spanish Club / NHS / Creative Writing Club / Athletics / Math Team

Accreditation: Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math.

Workplace Learning Experiences: Youth Apprenticeship
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.

Photography courtesy of Photography 1 student, Leah Vosters.

Career Options:

From High School:
Statistical Clerk

Careers with Certification/Associate Degree
Biological Technician  Environmental Technician  Chemical Technician
Mathematical Technician  Civil Engineering Technician

Bachelor Degree, Pre-Professional, or Higher Degree
Aerospace Engineer  Industrial Engineer  Astronomer  Chemical Engineer
Anthropologist  Solar Engineer  Mining Engineer  Mathematician
Physicist  Statistician  Metallurgist  Electrical Engineer

Science, Technology, Engineering, & Mathematics

<table>
<thead>
<tr>
<th>Pathway Courses</th>
<th>Related Electives</th>
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</thead>
<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>• Computer Programming</td>
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<td></td>
<td>• Advanced Computer Programming</td>
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<td></td>
<td>• Biotechnology</td>
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<td><strong>Year 2</strong></td>
<td>• Symphonic Band, Jazz Band</td>
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<td></td>
<td>• CAPP English 101</td>
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<td></td>
<td>• Intro to Art, Digital Art &amp; Graphics 1&amp;2</td>
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<td>• Economics</td>
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<td>• Technical College Math</td>
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<td><strong>Year 3</strong></td>
<td>• AP Statistics</td>
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<td>• AP Biology</td>
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<td>• AP Literature and Composition</td>
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<td>• Concepts of Programming</td>
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<tr>
<td><strong>Year 4</strong></td>
<td>• Core Performance 1, 2</td>
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<td></td>
<td>• Calculus</td>
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</tbody>
</table>

Career Related Activities:  Math Team / Tech Club / Bio Club / Athletics / Chess Club
Accreditation:  Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math.
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.

Career Options:

From High School:
- Bus Driver
- Delivery Driver
- Highway Maintenance Worker
- Traffic Clerk
- Reservation and Ticket Clerk
- Deckhand
- Service Station Attendant
- Shipping and Receiving Clerk
- Deckhand

Careers with Certification/Associate Degree
- Aircraft Mechanic
- Auto Body Technician
- Automobile Painter
- Flight Attendant
- Cartographic Technician
- Diesel Technician
- Motorcycle Technician
- Railroad Conductor
- Security Consultant
- Travel Agent

Bachelor Degree, Pre-Professional, or Higher Degree
- Travel Agency Manager
- Air Traffic Controller
- Airline Pilot
- Environmentalist
- Locomotive Engineer
- Mechanical Engineer
- Astronaut
- Public Health Sanitarian

Pathway Courses

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Pathway Courses</th>
<th>Related Electives</th>
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</thead>
<tbody>
<tr>
<td>Intro to Tech Ed</td>
<td>Manufacturing Enterprise</td>
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<tr>
<td>Auto 1</td>
<td>Intro to Accounting</td>
<td>Interpersonal Business Skills</td>
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<tr>
<td>Metals 1</td>
<td>Physics</td>
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<tr>
<td>Power and Energy</td>
<td>Senior Survival</td>
<td>Statistics</td>
</tr>
<tr>
<td>Auto Body 1</td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td>Auto 2</td>
<td></td>
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<tr>
<td>Metals 2</td>
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</tbody>
</table>

| Year 2          |                                 |                              |
| Auto Body 2     | Intro to Business                | Core Performance 1, 2         |
| Senior Auto     | Small Engines                    |                              |
| Math for the Trades |                          |                              |

Career Related Activities: Student Council / Math Team / Athletics / Auto Club / FFA / NHS / Skills USA (VICA) / Tech Club / Robotics

Accreditation: Advanced Standing Credit for students attending FVTC available depending on the cumulative final exam for semesters 1 and 2 of Technical College Math.

Workplace Learning Experiences: Youth Apprenticeship
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.

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
*Four Year College Core Courses via Early College Credit/Start College Now Programs

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.

FHS Grading Scale

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Point Value</th>
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</thead>
<tbody>
<tr>
<td>A</td>
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<tr>
<td>A-</td>
<td>3.67</td>
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<tr>
<td>B+</td>
<td>3.33</td>
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<tr>
<td>B</td>
<td>3.0</td>
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<tr>
<td>B-</td>
<td>2.67</td>
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<tr>
<td>C+</td>
<td>2.33</td>
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<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
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<tr>
<td>D+</td>
<td>1.33</td>
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<tr>
<td>D</td>
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<tr>
<td>D-</td>
<td>0.67</td>
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<tr>
<td>F</td>
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</tbody>
</table>

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.

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.

*Student must have a 2.5 GPA or better in high school. Student 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.

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.

**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.
Advanced Standing Credit
Students may take a course at FHS that matches a Fox Valley Tech course. The high school credit is not 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.

Technical College Math AS
Math for the Trades
*Greenhouse Management
*Horticulture
**Veterinarian Science
**Animal Science/Intro Pet Care
*/** Both courses must be successfully completed to receive advanced standing credit.

Dual Transcribed 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 not weighted. If completed with a C or better, the student will receive dual transcribed credit. In addition to receiving credit on their high school transcript, they will receive an official technical college transcribed 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
Manufacturing Enterprise
Metal 3
Basic Interior Design
Intro Health Careers/People Skills
Medical Terminology
Nursing Assistant
Intro to Accounting
Intro to Business
Intro to Entrepreneurship
Microsoft Office Ste/Publisher
Programmable Logic Controllers
Ladder Logic & Control Devices
CAPP English 101
CAPP WOT-Engineering Technology
CAPP Spanish

S.P.E.C.s
Student/Parent Education & Career Conference
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”

30 to 45 minute meeting
*An individual meeting 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

Freshman SPECs- Summer Conference of all incoming Freshmen (at home visits)
-Individual Learning Plan
-9th Grade Course Selections
-Graduation Requirements
-Career Cruising
-Career Assessment
-Career Awareness

Junior SPECs – Fall Counseling Office conferences for all Juniors
-Student Performance Review
-Career Cruising Development
-Career Goals and Plans
-4 Year Plan review
-Junior Checklist
-Future Possibilities & Opportunities
-Additional Resources

Academic and Career Planning (ACP) – Career Cruising
FHS is a member of Career Cruising that will assist students, parents, teachers & counselors in education opportunities and career exploration. Students will meet standards to the development and completion of “My Plan” for Career Cruising. FHS students have free will to navigate through information and other activities which assist in the process. ACP will assist in exploring the website’s assessments, careers, education, financial aid, and employment pieces of Career Cruising.

Irish Hour
FHS has a time of the day that is opposite of 30 minute lunch in which students will have 30 minutes of study and/or enrichment opportunity. Students will have weekly responsibilities to ACP (Academic Career Planning) and/or RtI (Response to Intervention). The other days of the week will be 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.
Testing Information

ASPIRE - ACT
The ACT Aspire Assessment System will provide standards-based reporting — with reporting categories based on the ACT College Readiness Standards — and aligned to the Common Core State Standards.
> Freshmen test in the Spring
> Sophomores test in the Spring
> Measures progress in Math, Science, English, Reading and Writing.
http://www.discoveractaspire.org/

PSAT
> 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.org/student/testing/psat/

ACT – 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 will be required to submit ACT scores.
> 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

STAR – 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.

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 test 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/
www.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.witechcolleges.org
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 ASVAB.
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 2020 GRADUATION REQUIREMENTS:

<table>
<thead>
<tr>
<th>SUBJECT AREA</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td><strong>ENGLISH</strong></td>
<td></td>
</tr>
<tr>
<td>1 credit of English 9 or Honors English 9</td>
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<tr>
<td>1 credit of English 10 or Honors English 10</td>
<td></td>
</tr>
<tr>
<td>1 credit of English 11 or AP Literature &amp; Composition</td>
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<tr>
<td>1 credit of English 12 or CAPP English 101</td>
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<tr>
<td><strong>MATHEMATICS</strong></td>
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<tr>
<td>1 credit of Algebra</td>
<td></td>
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<tr>
<td>1 credit of Geometry</td>
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<tr>
<td>1 credit of Advanced Algebra or Algebra 2</td>
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<tr>
<td><strong>SCIENCE</strong></td>
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<tr>
<td>1 credit of Physical Science</td>
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<tr>
<td>1 credit of Biology</td>
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<tr>
<td>1 credit of Science elective</td>
<td>3</td>
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<tr>
<td><strong>SOCIAL STUDIES</strong></td>
<td></td>
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<tr>
<td>0.5 credit of World Geography</td>
<td></td>
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<tr>
<td>0.5 credit of Civics</td>
<td></td>
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<tr>
<td>1 credit of United States History</td>
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<tr>
<td>0.5 credit of 20th Century America or full completion of AP US History</td>
<td></td>
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<tr>
<td>0.5 credit of Social Studies elective</td>
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<tr>
<td><strong>PHYSICAL EDUCATION</strong></td>
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<tr>
<td>0.5 credit of PE9</td>
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<tr>
<td>1 credit of PE electives</td>
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<tr>
<td><strong>HEALTH</strong></td>
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<td><strong>FINANCE</strong></td>
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<td>Financial Planning or Agribusiness &amp; Personal Finance</td>
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<tr>
<td><strong>ELECTIVES</strong></td>
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<tr>
<td><strong>TOTAL CREDITS NEEDED TO GRADUATE</strong></td>
<td>25</td>
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</table>

Class of 2021 = 26; Class of 2022 = 28; Class of 2023 = 28
(Elective credit increases with each year)

**SEMESTER LOAD REQUIREMENTS:**

All students must be enrolled in a minimum of **eight (8) credits per year**.
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
- Semester course = 1 credit
- Three-Term course = 1.5 credit
- Semester Modified Block course (45 minutes) = 0.5 credit
- Year Modified Block course (45 minutes) = 1 credit
## Core High School Curriculum

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
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<tbody>
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<td>English 9</td>
<td>Algebra</td>
<td>Physical Science</td>
<td>World Geography</td>
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<td>Honors English 9</td>
<td>Geometry</td>
<td>Ag Science elective</td>
<td>Civics (Year 1 or Year 2)</td>
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<tr>
<td>YEAR 2</td>
<td>English 10</td>
<td>Geometry</td>
<td>Biology</td>
<td>Civics (Year 1 or Year 2)</td>
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<tr>
<td></td>
<td>Honors English 10</td>
<td>Advanced Algebra</td>
<td>Ag Science elective</td>
<td>Social Studies elective</td>
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<tr>
<td>YEAR 3</td>
<td>English 11</td>
<td>Algebra 2</td>
<td>Science elective</td>
<td>US History or</td>
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<td>AP Literature &amp; Comp</td>
<td>Advanced Algebra</td>
<td></td>
<td>AP US History</td>
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<td></td>
<td>Trigonometry</td>
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<td>Pre-Calculus</td>
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<td>Statistics</td>
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<td>Math Elective</td>
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<td>Trigonometry</td>
<td>Science Elective</td>
<td>20th Century America</td>
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<td>CAPP English 101</td>
<td>AP Calculus</td>
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<td>Social Studies Elective</td>
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<td></td>
<td>AP Statistics</td>
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<tr>
<td></td>
<td></td>
<td>Math Electives</td>
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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 extra-curricular activities and part time employment will have direct bearing on academic load.
- Be certain to take all required classes.
- Know the prerequisites for your class choices.
- Some courses are leveled (Honors, Advanced, Contemporary) to meet student’s needs.
- 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 you have the credits required for graduation.
- Every student is required 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 freshman will work on their 4 year plan as well at their SPEC conference.*

**FRESHMAN:**
- Complete the *Course Selection Sheet and be sure it is signed* by you and your parent(s).
- Return your completed *Course Selection Sheet & 4 Year Plan* to the Counseling Office.

**SOPHOMORE THROUGH SENIORS:**
- Complete the *Course Selection Sheet to use as a reference in the course selection process.*
- Counseling Office will present to each grade level and hand out the *Course Selection Sheets.*
- Students will input their courses on scheduled days arranged by the Counseling Office.
Grade 9 – 10 Course Options

It is recommended that students take both Ag Science 1 and 2 to enable easier access to the agriculture education programs

**AG SCIENCE 1-ES** .5 credit
Students will explore the agricultural science applications related to animals, wildlife and fish. WI DPI and the UW System have designated this class as a science equivalent course. Most UW System campuses will count completion of this course as a 3rd unit of science, as long as the student has taken some combination of biology/chemistry/physical science for the other 2 units.

**AG SCIENCE 2-ES** .5 credit
Prerequisite: Ag Science 1
Students will explore the agricultural science applications related to plants and food. Also included in this course is an introduction to agricultural communications and marketing. WI DPI and the UW System have designated this class as a science equivalent course. Most UW System campuses will count completion of this course as a 3rd unit of science, as long as the student has taken some combination of biology/chemistry/physical science for the other 2 units.

Grade 9 – 10 Course Options

**INTRO TO FOOD SCIENCE** .5 credit
Prerequisite: B or better in Biology/Instructor approval
Learn about the process of making food from the products bought at a grocery store: preparation, processing, equipment, and safety with a better understanding of the world of food.

**PLANT SCIENCE-ES** .5 credit
All aspects of plants will be explored including requirements of growth, structures management and care. 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. WI DPI and the UW System have designated this class as a science equivalent course. Most UW System campuses will count completion of this course as a 3rd unit of science, as long as the student has taken some combination of biology/chemistry/physical science for the other 2 units.

**WILDLIFE CONSERVATION & HABITAT MGMT 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 affect humans have on wildlife and natural resources.

Grade 10 – 12 Course Options

**Alternate year courses:**
Horticulture - **OFFERED 2019-2020**
Greenhouse Management - **NOT OFFERED 2019-2020**

**CONSERVATION & POND MANAGEMENT** .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.

**DAIRY & MEAT PRODUCTS PROCESSING** .5 credit
Prerequisite: Intro to Food Science/Instructor approval
This course focuses on the processing of milk into various products such as cheese, butter, and ice cream. We will also learn processing techniques including smoking, and will make many different sausage and jerky products.
FRUIT & VEGETABLE PROCESSING .5 credit
Prerequisite: Intro to Food Science/Instructor approval
Students learn how to process many different types of fruits and vegetables and will gain hands-on experience using various methods of processing. This course will include activities like making salsa and canning various vegetables such as pickles.

ADVANCED AQUACULTURE PRODUCTION & LAB .5 credit
Prerequisite: Intro to Aquaculture Production
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.

FORESTRY .5 credit
This course will include information on resource management in the area of forestry and wood lot 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 wood lot and other areas around the school.

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.

GREENHOUSE MANAGEMENT .5 credit
Alternate year class – NOT OFFERED 2019-2020
This course is designed to examine all areas of greenhouse operation as it relates to plant care and maintenance. Significant time will be spent propagating, monitoring and caring for plants in the greenhouse. The course will also examine greenhouse strategies from irrigation systems to pest control as well as heating and cooling equipment. This course combined with the Horticulture course receives advanced standing from FVTC.

HORTICULTURE .5 credit
Alternate year class – OFFERED 2019-2020
This beginning year course is a study of plants, how they grow and reproduce. Much time will be spent propagating plant cuttings, seedlings, and starting seeds. Students will plant and monitor the growth of different plants. Introduction in the use and operation of a greenhouse will be included. This course combined with Greenhouse Mgmt course receives advanced standing from FVTC.

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.

LANDSCAPE MAINTENANCE NEW! .5 credit
Prerequisite: Landscape Design
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.

LARGE ANIMAL SCIENCE .5 credit
Prerequisite: Animal Science/ Intro to Pet Care
This course will focus on large animals, commonly known as “food animals”. The various large animals produced for food will be the focus of this class, i.e. beef, sheep, swine, etc. Projects will be designed to relate to the individual student’s interests in the various food animal categories.

NATURAL RESOURCES & ALT. ENERGY .5 credit
We will investigate a broad range of natural resources and environmental systems as well as alternative energy resources. Areas investigated will include ethanol, bio-diesel, wind energy, methane digestion, and geo-thermal. Students will look at the economic impact of our current energy systems and compare and contrast them with the new and emerging alternative choices.

SMALL ANIMAL SCIENCE .5 credit
Prerequisite: Animal Science/ Intro to Pet Care
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.
SOIL SCIENCE AND HYDROPONICS  NEW!  .5 credit
This course focuses on the importance of soil in growing and producing crops and plants of all types, including garden and flowering plants. In addition, students will design, build and manage various hydroponic systems to grow various vegetables and herbs. Students will learn about nutrient management, soil structure and fertilizer options. We will conduct different labs to enhance understanding of soil and soil management.

VETERINARIAN SCIENCE-ES  .5 credit
Prerequisite: Animal Science/ Intro to Pet Care, Horse Science or instructor consent
This hands-on course is directed at students looking to explore the area of veterinary medicine or veterinary technician, exploring the many concepts of veterinary medicine and help prepare students for related career fields.

LEADERSHIP FOR LIFE – ADVANCED  .5 credit
Prerequisite: Leadership for Life
Building on the previous course this course will further enhance students understanding and abilities in leadership and communication: values, character, beliefs, integrity groundwork, and high levels of understanding of leadership styles and group dynamics.

Grade 11 - 12 Course Options

AG BUSINESS & 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.

AGRICULTURAL 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.
Intro to Art is a prerequisite for all other Art courses

Grade 9 - 12 Course Options

**INTRO TO ART**  1 credit
Intro to Art offers a strong fundamental knowledge of the elements and principles of art through the use of several two and three dimensional media. Introductory experience is gained in drawing, painting, ceramics, sculpture, and printing.

**CERAMICS 1**  .5 credit
Students work on wheel throwing including hand building & decorative techniques. Surface techniques include acrylic, low fire, high fire, and Raku firing.

**CERAMICS 2**  .5 credit
Students further their knowledge on wheel throwing; demonstrating a working knowledge of loading and firing a kiln understanding temperature and flux reactions.

**CERAMICS 3**  .5 credit
Students expand on wheel throwing technique and experiment with alternating firing techniques as well as load and stack kilns for both inside and outside firings.

**DRAWING 1**  .5 credit
Students learn the use of several media including pencil, charcoal, ink, and pastel. Styles include gestures, contour, realistic, and abstract. Subjects include still life, figure, fantasy, and landscape.

**DRAWING 2**  .5 credit
Students expand their experience with mixed media and development of singular media as an extension of Drawing 1.

**DRAWING 3**  .5 credit
Students are challenged to draw realistic and abstract designs. This expands to drawing with unique methods.

**DIGITAL ART & GRAPHICS 1**  .5 credit
Students will incorporate art and technology, exploring Adobe Photoshop and Illustrator programs.

**DIGITAL ART & GRAPHICS 2**  .5 credit
Students will further their knowledge of incorporating art with technology, using Adobe Photoshop and Illustrator.

**MIXED MEDIA AND FIBERS**  .5 credit
This course will offer in-depth exploration of techniques and new ways to see, use, and interpret found objects and fibers. Students will create original artwork using a variety of materials. Techniques will include collage, screen printing, edible art, paper and book making, weaving, etc. Students will develop technical skills and personal style.

**MOLD MAKING AND CASTING**  NEW!  .5 credit
Prerequisite: Sculpture 1
Students will mold, build, and cast a silicone rubber mold to create a mask and prosthetic body parts, and makeup design.

**PAINTING 1**  .5 credit
Students explore pastel, watercolor, and acrylic characteristics.

**PAINTING 2**  .5 credit
Students develop their own style and explore mix media. Students learn to stretch their own canvas and work on various grounds as an extension of Painting 1.

**PAINTING 3**  .5 credit
Explore different grounds: furniture, sculpture/glass. Air brushing is introduced. This is for the self motivated painting enthusiast to expand techniques & style.

**PHOTOGRAPHY 1**  .5 credit
Students will be introduced to the basics of black and white photography using a manual 35mm camera. Students will learn about depth of field, shutter speed and will learn the basics of the dark room.

**PHOTOGRAPHY 2**  .5 credit
Students further their study of photography through digital SLR cameras and computer software with a focus on composition.

**SCULPTURE 1**  .5 credit
Students explore addition and subtraction methods of sculpture. Work will be done on media of metal, plaster and clay. Students will work with static and kinetic aspects of sculpture.

**SCULPTURE 2**  .5 credit
Students will experiment with mixed media in the composition of a sculpture. Work will be done in relief and in-the-round forms. Students will learn to work with casting of metal and plaster.

**SCULPTURE 3**  .5 credit
Students will continue their work to advance in their sculpting ability working on stone sculpture, wood carvings dealing with scale, and design and building of a form in clay.
BUSINESS DOCUMENTS .5 credit
The focus of this course is on learning how to create basic business documents. These documents include: Personal Business Letters, Business Letters, Modified Letters, Memos, Envelopes, Labels, 2-Page Letters and Memos, Reports, Tables, Mail Merges, Flyers, Forms, Newsletters, Program Booklets, Brochures, and Business Cards.

MICROSOFT OFFICE SUITE/PUBLISHER .5 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, Access, PowerPoint, and the basic integration of the components of this integrated Microsoft application. This course also develops skills in Publisher: working with different types of office documents such as brochures, newsletters, and reports; introduces page layout, graphics, styles, and fonts as well as the creating of letterheads, borders, and logos. Students can earn 3 FVTC transcripted credits per FVTC approval

Grade 10 - 12 Course Options

INTRO TO ACCOUNTING 1 credit
Not available to Accounting students at same time
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 course.

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 products and employment. Students will become aware of their responsibility for personal and work-related financial success. The Ag Business & Personal Finance course can fulfill this requirement.

ACCOUNTING A .5 credit
Recommended: Intro to Accounting
This course is the first of two available in double entry accounting. This course 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.

ACCOUNTING B .5 credit
Prerequisite: Accounting A
This course is the second of two available in double entry accounting. This course 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.

INTRO TO ENTREPRENEURSHIP 1 credit
This course provides students with opportunities to investigate, understand, and apply the process of choosing entrepreneurship as a career path. It explores the entrepreneurial experience by focusing on an awareness of entrepreneurship, opportunity recognition, business concept development, and experimentation. Students can earn 3 FVTC transcripted credits per FVTC approval.
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. An outside reading component will be required in order to assist students with the continued development of reading skills.

HONORS ENGLISH 9 1 credit
Prerequisite: teacher recommendation
Parallels regular English in content. The higher levels include advanced vocabulary assignments, collegiate reading material and a fast-paced, creative challenging learning environment facilitating advanced communication and reading levels. B or better must be maintained or student may be placed in English 9.

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.

HONORS ENGLISH 10 1 credit
Designed for students that can stay on the advanced track for English. Emphasis on oral communication, writing skills, and survey of literary genres is the focus of the class. Expectations include reading at a faster pace, sophisticated discussion levels, and writing with greater depth analysis. B or better must be maintained or student will be placed in English 10.

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.

AP LITERATURE AND COMPOSITION 1 credit
This course focuses on literature and writing about literature and will prepare students for the AP Literature and Composition Exam. Students will be expected to complete extensive reading of challenging texts both in and out of class including two eworks to be completed over summer break. The AP Literature and Composition course will culminate with the College Board directed AP exam near the end of second semester. Students who pass this exam may earn up to three college credits. The awarding of credits and the necessary AP exam score to earn these credits is up to the individual university.

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 $300 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.

Grade 11 - 12 Course Options

THE HERO’S JOURNEY .5 credit
Students will explore the literary archetype of the Hero’s journey. Students will study the concept of the monomyth 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.

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.
Family and Consumer Science

Grade 9 - 12 Course Options

**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. 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.

**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. Projects cost will be the responsibility of the student.

**FOODS 1** .5 credit
Foods 1 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** NEW! .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 theatre. 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.

Grade 10 - 12 Course Offerings

**BAKING FUNDAMENTALS** .5 credit
Prerequisite: Foods 1
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 some 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.

**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 Options

**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.

**INTRO TO HEALTH CAREERS/PEOPLE SKILLS FOR HEALTH PROFESSIONALS**  
.5 credit  
(Two part course) Intro to Health Careers is an opportunity for students to explore a variety of health care careers and will also discuss other pertinent information which may be helpful in making a career choice. This class will include educational requirements for specific careers, job responsibilities, appropriate personal attributes which would be helpful, an understanding of diversity, an introduction to medical terminology and ethical and legal responsibilities. People Skills for Health Professionals explores professional/social skills required for healthcare workers and investigates values, ethical dilemmas, helping roles, assertiveness skills, and communication with special populations, death/dying issues and stress management. *FVTC dual/ transcripted credit may be available per FVTC approval.*

**MEDICAL TERMINOLOGY**  
.5 credit  
Students will focus on the component parts of medical terms to aid in understanding the medical terminology. Emphasis will be placed on spelling, definition and pronunciation. The students will also be introduced to diagnostic, therapeutic, symptomatic, and surgical terminology for the body systems. *FVTC dual/ transcripted credit may be available per FVTC approval.*

**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 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 may be available per FVTC approval.*

Fee: $30 FVTC application fee.
SPANISH 1

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

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

Prerequisite: Spanish 1 and 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.

MEDICAL/BUSINESS SPANISH

Prerequisite: “C” or better in 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 volunteer their services for 8 hours to a farm, clinic, school or business. This class is conducted primarily in English.

SPANISH 3

Prerequisite: Spanish 2 teacher’s signature
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

Prerequisite: Spanish 3 or teacher’s signature
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 LITERATURE, FILM, AND ART

NEW! Prerequisite: Spanish 3
This class uses literature, film, and art to explore the history and culture of various Spanish-speaking countries. While this class will have some grammar and vocabulary, the primary focus is on the integration and practice of speaking and writing skills. This class, along with Spanish 3 and Spanish 4, is recommended to students who wish to gain retroactive college credit.

SPANISH 4

Prerequisite: Spanish 3 teacher’s signature
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

NEW! Prerequisite: Spanish 4
Students in this weighted 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 in Spanish.

Students can earn 5 transcripted credits from UW Oshkosh for passing the class and an additional 11 retroactive credits if their average is a B (83%) or higher. For this university course, books are provided. Approximate cost is $500 for 5 college credits, which, when compared to the on campus cost, is a savings of $1,100 at UW Oshkosh. The savings is greater, if compared to a private University. There is no charge for retroactive credits. Students who qualify for Free and Reduced lunch may be eligible for a discounted price.
Math

**ALGEBRA** (required) 1 credit
This course is the basis for the type of math necessary in most careers open to students in our modern world.

**GEOMETRY** (required) 1 credit
Prerequisite: Algebra
This course helps students to develop proficiency in Geometry skills and apply understanding of Geometric concepts to real life situations.

**ALGEBRA 2** 1 credit
Prerequisite: Algebra and Geometry
In this course, students will revisit key concepts from Algebra, Geometry and other mathematical courses, building upon students’ prior knowledge to develop more advanced understanding of algebraic relationships. Students who need reinforcement of Algebra concepts are strongly encouraged to take this course. Students will also explore and strengthen mathematical concepts specifically selected for technical college and university preparation.

**ADVANCED ALGEBRA** 1 credit
Prerequisite: Teacher recommendation, C or better in Algebra & Geometry
A TI GRAPHING CALCULATOR IS REQUIRED. This course reviews basic Algebra skills and develops more advanced understanding of algebraic and trigonometric relationships. Students will also explore and develop mathematical concepts specifically selected for university preparation.

**TRIGONOMETRY** 1 credit
Prerequisite: Teacher recommendation & C or better in Advanced Algebra
A PROGRAMMABLE GRAPHING CALCULATOR IS REQUIRED. This course covers Trigonometry, Analytic Geometry and introduces Calculus. The course is suggested for any students planning a career involving business, science, or math.

**INTRO TO CALCULUS** 0.5 credit
Prerequisite: Teacher rec/B or better in Trigonometry
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 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.

**STATISTICS** .5 credit
Prerequisite: Teacher recommendation & Geometry
A TI-83 GRAPHING CALCULATOR WILL BE USED.
This course will provide general coverage of fundamental statistical theory and develop strong problem solving skills. The course is beneficial to most college bound students.

**AP STATISTICS** 1 credit
Prerequisite: Teacher recommendation & C or better in Advanced Algebra
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
USE OF A SCIENTIFIC CALCULATOR IS INTRODUCED. 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 (sem 1 and 2) they will qualify for Advanced Standing, meaning they have met the requirements for successful completion of College Tech Math 1A and College Tech Math 1B. This course receives advanced standing credit from FVTC after the exam is passed.

**TECHNICAL COLLEGE MATH-AS** 1 credit
Prerequisites: Teacher recommendation Advanced Algebra & 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. If a student scores 80% or higher on the cumulative final exam (sem 1 and 2) they will qualify for Advanced Standing, meaning they have met the requirements for successful completion of College Tech Math 1A and College Tech Math 1B. **This course receives advanced standing credit from FVTC after the exam is passed.**

### Programming Math Electives

#### Grade 9 - 12 Course Options

**COMPUTER PROGRAMMING**  .5 credit
Prerequisite: Algebra completion
This course introduces programming concepts and skills while developing computer software applications using the C# language.

**ADVANCED COMPUTER PROGRAMMING**  .5 credit
Prerequisite: Teacher rec. & a C or better in Computer Programming
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 10 - 12 Course Options

**GAME DEVELOPMENT**  .5 credit
Prerequisites: C or better in Advanced Programming
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.

### Grade 11 - 12 Course Options

**PROGRAMMABLE LOGIC CONTROLLERS / LADDER LOGIC & CONTROL DEVICES**  .5 credit
Prerequisites: Comp. Programming or Concepts of Programming
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**
Grade 9 Course Option

MUSIC APPRECIATION  NEW!  .5 credit
Prerequisite: None
This course introduces students to the elements, instrumentation, and historical periods of music. Students will learn the significance of surroundings and time periods and how they both influenced the music of the day. Students will listen to and evaluate several types of music, and will be assessed through projects, presentations, and exams on the knowledge and understanding of music.

Grade 9 – 12 Course Options

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 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.

VOCAL:

GREEN SING GOLD  1 credit
Prerequisite: Previous chorale experience and an audition with instructor
Recommended: Private chorale instruction
This auditioned choir studies exciting and challenging vocal music. Many genres of music are explored. The students in this choir have many performance opportunities, including school and community concerts. This group will also tour the Fox River Valley. Enrollment is limited to allow for a balanced sound.

WOMEN’S CHORALE  1 credit
Women’s Chorale provides an exciting opportunity for women who like to sing while learning the basic concepts of chorale singing.
The groundwork for excellent singing is formed through the study of vocal techniques, as well as sight singing and listening skills. This performance group will give concerts during the school year.
Physical Education & Health

Grade 9

Physical Education 9 (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 Options

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.

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, pickle ball, 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.
**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, magnetism and electricity. 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

*Biology-Holt* is the textbook used for the one year study of life. The course examines all aspects of the evolution of life including how structure and function interact, how organism behavior and interactions between organisms mold life history patterns, and how heredity and the molecular basis of development determine a population’s adaptations to its ecosystem. To develop a spirit of inquiry and first-hand experience in laboratory investigations are important and included when feasible and pertinent.

**Grade 10 - 12 Course Options**

**CHEMISTRY** 1 credit

Prerequisite: C or better in algebra or approval of Biology or Math 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** NEW! .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.

**FORENSIC SCIENCE** .5 credit

Prerequisite: Successful completion of at least 2 years of high school science including Biology. Chemistry is a prerequisite or co-requisite.

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.

**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 Advanced Algebra

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.
Grade 11 - 12 Course Options

**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.

**AP BIOLOGY**  1 credit
Prerequisite: B or better in Biology, Chemistry and/or instructors’ approval
This advanced course in the study of biology is designed to cover the material of two-semester collegiate biology course. The study of life will focus on four themes: evolution, energy, information, and interaction; students will engage in the material by practicing science. Special emphasis will be directed toward preparing for the Advanced Placement Exam in pursuit of acquiring college credits. Summer course work is required.

**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 of 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.

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

0.5 credit:  Ag Science 1, Ag Science 2, Animal Science/Pet Care, Biotechnology, Plant Science, Vet Science
1 credit: Contemporary Chemistry

NOTE: Physical Science and Biology are still required.
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 10 - 12 Course Options

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 of 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

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 credit
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 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.

Grade 11 - 12 Course Options

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: 3.0+ 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.

THE FUTURE .5 credit
This course will study economics, science, technology, social and political trends as well as history to discover the patterns and cycles of civilization in order to better understand the “expert” predictions. Students will make their own predictions. The course work will be primarily reading and writing with participation in discussions a factor in final assessment. An open mind as well as a good background in history and economics is recommended.

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
(Juniors may be allowed to take this course)
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.

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 sub fields 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.
Technology Education

Grade 9 - 12 Course Options

**INTRO TO TECH ED** .5 credit
THIS CLASS IS IDEAL FOR GRADES 9 AND 10
This course introduces several types of technologies, tools, and equipment including: laser engraver, CAD 3D printing, CAD/CAM, and web design. Students will engineer, design, and construct 3D models of bridges, rockets, and other hands-on projects preparing them for more advanced Tech classes in Auto, Engineering, Metals, and Woods.

**SMALL ENGINES** NEW! .5 credit
Small engines are used on lawn mowers, trimmers, outdoor equipment, outboards, and cycles. Course outline is intended to show how small two-cycle and four-cycle gas engines are constructed and how they operate. It will also show what may go wrong, how to service and repair them. This class is also a basis for those who desire to learn about automobile engines.

**Grade 10 - 12 Course Options**

**DRAFTING & ENGINEERING 1** .5 credit
Recommended: Intro to Tech Ed
Emphasis will be on mechanical drafting used in industry using the updated AutoCAD system. This course will benefit those students interested in mechanical industries and/or an engineering career. FVTC dual/ transcripted credit may be available per FVTC approval.

**DRAFTING & ENGINEERING 2** .5 credit
Prerequisite: Drafting & Engineering 1
This course is designed to provide students an in depth views of mechanical drafting using 3D modeling software/3D printing. Students will solve problems by creating and designing solutions using 3D software. FVTC dual/ transcripted credit may be available per FVTC approval.

**METALS 1** .5 credit
Recommended: Intro to Tech Ed
This course is designed to expose students to the various types of metal related processes found in industry. The students will learn of the different types of metals and their applications in shop related activities. Applications include: hand tools, soldering, forging, welding, sheet metal and others.

**METALS 2** .5 credit
Prerequisite: Metals 1
This course deals with the use of metal working machines, and advanced welding techniques. Students will receive instruction on foundry work, lathes, mills, surface grinders, TIG welding, etc.

**POWER AND ENERGY** .5 credit
This course is designed to introduce students to the topics of tools, small engines, automobiles, energy, mechanics, and electricity. Students will experience diverse hands-on activities and participate in a variety of projects based on the topics of problem solving, basic engineering, & design.

**WOODS 1** .5 credit
Recommended: Intro to Tech Ed
This course is designed for students interested in advanced woodworking. Information covered and procedures practiced will aid in the designing and building of cabinets, interiors, furniture, and the work of a finish carpenter.

**WOODS 2** .5 credit
Prerequisite: Woods 1
This advanced course is intended for students interested in woodworking as a vocation: building construction, mill work, furniture and cabinet making, lumber sales and services, and other wood industries. Students will design, plan figure a bill of materials, and construct a major project.

**Grade 11 - 12 Course Options**

**CAPP WORLD OF TECHNOLOGY - ENGINEERING TECHNOLOGY** NEW! .5 credit
Prerequisite includes one of the following: GPA of 3.25, Class Rank of top 25%, ACT Score of 24 or higher and GPA above 2.75 or Class ranking in top 50%
This course expands upon concepts learned in World of Technology and students can earn transcripted credit from UW Oshkosh. See description below: 101 - Fundamentals of Engineering Technology (2 credits). This course is designed to equip engineering technology students with the necessary tools and background information to prepare them to be a successful student as well as a successful practicing engineering technologist. Topics covered in this course include ethics, project managements, team work, working with data, creating presentations, engineering design and a thorough understanding of the engineering technology profession. Students will engineer, design, and construct 3D models as well as research, collect, and present data on a number of different topics using statistics and Excel. Course fees are $90 per credit (total $180)
**AUTO 1** .5 credit
**Recommended:** Power & Energy
This course will explore the basics of automotive systems such as oil, ignition, cooling, tires and wheels, brakes, and more. Students will learn to care for, maintain, and repair different vehicles through a variety of classroom discussions and hands on experiences. Lab time is spent performing basic maintenance and repair on vehicles.

**AUTO 2** .5 credit
**Prerequisite:** Auto 1
Students will develop skills in the use of hand tools, machine tools and analyzing devices used to repair a vehicle. Experiences will vary from in class discussion of material to a hands-on lab with general vehicle maintenance and minor repair. Students also have the opportunity for customization of vehicles: adding performance parts, stereo and lighting equipment, body kits and other after-market parts.

**AUTO BODY 1** .5 credit
**Recommended:** Power & Energy
This course will introduce students to the skills and knowledge needed to perform auto body repairs. Students will experience various metal finishing and refinishing techniques involved in auto body repair through a variety of classroom and hands on experiences. Students will go through the entire process from dent repair and metal finishing through paint and refinishing. Hands on experiences include a fender repair project and customization, welding, restoration, or repair of various vehicles. *FVTC dual/transcripted credit may be available per FVTC approval.*

**AUTO BODY 2** 1 credit
**Prerequisite:** Instructors signature
Students will experience various metal finishing and refinishing techniques involved in auto repair through delivery of the I-CAR enhanced curriculum and hands-on experiences. Students will also learn to evaluate their work and the time required for a quality job for appraisal purposes. Fabrication, custom painting and design, welding, restoration, and body kits may also be involved in student projects. Students may have the opportunity to compete in the SkillsUSA collision repair contest at the state and national levels. *FVTC dual/transcripted credit may be available per FVTC approval.*

**MANUFACTURING ENTERPRISE** 1 credit
**Prerequisite:** Two of the following: Metals 1, Metals 2, Woods 1, Drafting 1 & Instructors signature
This course is designed for seniors who have a strong desire to pursue a career in the manufacturing area. In this class students will design, build, fabricate, market and sell products. Students will create a company to succeed and make a profit. Students in this class will use and demonstrate the skills they have gained at FHS both in and out of the tech ed. Department to create a successful business and be a productive manufacturer. *FVTC dual/transcripted credit may be available per FVTC approval.*

**METALS 3** .5 credit
**Prerequisite:** Instructors signature
The course is designed to allow the students to apply many advanced metal working techniques learned in prior classes. *FVTC dual/transcripted credit may be available per FVTC approval.*

**Grade 12 Course Options**

**SENIOR AUTO** .5 credit
**Prerequisite:** Any of the following: Auto 1, Auto 2, Auto Body 1 & Instructors 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 class projects. Student projects can include repair, vehicle customization, paint and body work, restoration, after market installation and more.

**SENIOR SURVIVAL** .5 credit
This introductory course is designed for senior girls and boys preparing for life after high school. Students will learn how to care for, repair and maintain basic parts of their vehicles and homes. Senior Survival is based on a variety of hands on experiences and class room discussions on topics such as how to buy a car, basic vehicle maintenance and repair, employability, and basic home maintenance. Students will spend one half of the course on automotive topics and the other on home repair.