

The background of the cover is a large graphic of interlocking puzzle pieces. The pieces are arranged in a diagonal pattern from the top-left to the bottom-right. The colors of the pieces include black, white, grey, and orange. The top-left corner is a solid black triangle, and the bottom-left corner is a solid orange triangle. The text is placed on these two triangles.

Course Handbook

**Mishicot
High School**

2020-2021

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Department Offerings

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GRADUATION REQUIREMENTS

Total Required Credits for Graduation = 28.5

- **4.5 credits – English** – *English 9 (1 credit), English 10 (1 credit), R and I (.5 credit), English 11 or AP Literature (1 credit) and English 12 or Written Communication, or Honors English (1 credit)*
- **3.5 credits – Social Studies** – *World History or AP World History (1 credit), US History 10 or AP US History (1 credit), Government or AP Government (.5 credit), US History 11 (.5 credit), Financial Literacy (.5 credit)*
- **3 credits – Science** – *Earth Science (1 credit), Biology (1 credit), and one of the following: Introduction to Horticulture, Large Animal Science, AP Biology, Chemistry, Physics, Medical Terminology, or Anatomy and Physiology*
- **3 credits – Mathematics** – *Algebra (1 credit) and Geometry (1 credit) and Algebra II (1 credit)*
- **1.5 credits – Physical Education** *recommended Fit Freshmen (.5 credit), Fit for Life 1 or Performance Enhancement 1 (.5 credit), and any other PE course (.5 credit), must be taken in three different grade levels*
- **.5 credit – Health** *If this was met in Middle School, this will not be a credit on your transcript*
- **11.5 elective credits** *if you need to take Health in High School or 12 elective credits*
- **1 Credit -- Career Portfolio**

Academic Excellence Scholarship

Academic Excellence Scholarships (AES) are awarded to Wisconsin high school seniors who have the highest grade point average in each public and private high school throughout the State of Wisconsin.

The number of scholarships each high school is eligible for is based on total student enrollment grades 9-12. In order to receive a scholarship, a student must be enrolled on a full-time basis by September 30th of the academic year following the academic year in which he or she was designated as a scholar, at a participating University of Wisconsin, Wisconsin Technical College, or independent institution in the state. The value of the scholarship is \$2,250 per year, to be applied towards tuition. Half of the scholarship is funded by the state, while the other half is matched by the institution. Eligibility must not exceed 8 semesters.

Technical Excellence Scholarships (TES) are to be awarded by the State of Wisconsin to Wisconsin high school seniors who have the highest demonstrated level of proficiency in technical education subjects.

Technical Excellence Scholarship

The new TES scholarship program began awarding scholarships in the 2015-2016 college academic year. The scholarships are only for use at a school within the Wisconsin Technical College System (WTCS) located within the state. The value of the scholarship is up to \$2,250 per year, to be applied towards tuition for six semesters.

Eligible students must attend one of the following Wisconsin Technical Colleges to qualify for TES funding.

LAUDE SYSTEM

The Laude system will be used at Mishicot High School as our recognition of graduates for both high academic standing and rigorous course selections. Class GPA shall be maintained starting with the first semester of ninth grade and continuing through second semester of 12th grade. Only full-time students shall qualify for Laude status. Semester grades for courses running as a “skinny” and term grades for courses running as a block shall be used to calculate grade point average (GPA) for Laude calculation and recognition. Only high school level academic subjects approved by the Board, or its designee, shall be included in computing semester grades. Official Laude calculation will be completed after final semester grades are earned.

The Laude system at Mishicot High School will consist of three levels of recognition for academic grades earned and rigorous courses selected. From most rigorous decreasing, the levels are Summa Cum Laude, Magna Cum Laude, and Cum Laude. Class rank will be determined by the Laude calculation when needed for external purposes (i.e. scholarship requests).

Laude calculations and eligible courses will be updated and described annually in the student handbook for Mishicot High School.

CALCULATION INFORMATION AND RANGES

Students with a **3.0 GPA** or better are eligible for the Laude recognition. Only MHS’s approved list of advanced level courses (in addition to College/Technical College Youth Options and “advanced standing” courses) will be considered advanced courses for the purpose of the Laude recognition process.

Step 1: Count # of Laude courses (1/2 credit = 1 point)

Step 2: Multiply your G.P.A. by the number of Laude courses. (example: 3.44 X 13.5 = 46.4 cum laude)

Step 3: Use the ranges below to determine your Laude status.

_____	X	_____	=	
G.P.A.		# of Laude points		
				* Summa Cum Laude: 74.28 - Above
				* Magna Cum Laude: 52 – 74.27
				* Cum Laude: 28.4 – 51.9

* Subject to change each year depending upon number of Laude courses

(NOTE: Students earning 3 college credits through LTC Youth Apprenticeship should receive 1 point cum laude credit at the high school level.)

** Any course not listed above that earns college credit or AP credit may be considered with prior approval by the principal.

Mishicot High School Laude Recognition

Mishicot High School (MHS) is proud to offer a comprehensive high school experience. The Laude System is meant to recognize students taking relevant and rigorous courses while in high school. The Association for Career and Technical Education (ACTE) outlines 16 Career Clusters and 79 Career Pathways (<https://careertech.org/career-clusters>). Students at MHS are able to complete course work in all of the 16 nationally established Career Clusters. We are able to offer several Programs of Study for students to explore while in high school. Students that earn a 3.0 GPA or higher cumulative Grade Point Average (GPA) are eligible for laude recognition. Laude recognition will be based on 8 semesters of high school. Students earning laude recognition will wear designated stoles during the graduation ceremony. Successful completion of 4 courses in a Program of Study, the student will earn 1 laude point. Successful completion of dual credit and/or Advanced Placement (AP) course(s) will also earn laude point per term. Successful completion of a course equals earning a passing grade for the term.

Agriculture/Food/Natural Resources Career Cluster

Animal Systems Program of Study

- | | | |
|--|---|---|
| <input type="checkbox"/> Introduction to Agriscience | <input type="checkbox"/> Small Animal Science | <input type="checkbox"/> Biotechnology |
| <input type="checkbox"/> Large Animal Science | <input type="checkbox"/> Wildlife Management | <input type="checkbox"/> General Anatomy & Physiology |
| <input type="checkbox"/> Medical Terminology | <input type="checkbox"/> Spanish I and II | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> Physics | <input type="checkbox"/> Pre-Calculus | |

Plant Systems Program of Study

- | | | |
|--|---|---|
| <input type="checkbox"/> Introduction to Agriscience | <input type="checkbox"/> Introduction to Horticulture (WBL) | <input type="checkbox"/> Biotechnology |
| <input type="checkbox"/> Landscape & Design (WBL) | <input type="checkbox"/> Introduction to Soil Science | <input type="checkbox"/> Spanish I and II |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> AP Biology | <input type="checkbox"/> Pre-Calculus |

Natural Resources Systems Program of Study

- | | | |
|---|---|---|
| <input type="checkbox"/> Introduction to Agriscience | <input type="checkbox"/> Small Animal Science | <input type="checkbox"/> Wildlife Management |
| <input type="checkbox"/> Natural Resources | <input type="checkbox"/> Principles of Sustainability | <input type="checkbox"/> Introduction to Soil Science |
| <input type="checkbox"/> Introduction to Horticulture (WBL) | <input type="checkbox"/> AP Biology | <input type="checkbox"/> Pre-Calculus |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Spanish I and II | <input type="checkbox"/> Physics |

Food Production and Processing Systems Program of Study

- | | | |
|--|--|---|
| <input type="checkbox"/> Introduction to Agriscience | <input type="checkbox"/> Family Foods | <input type="checkbox"/> Culinary Arts I |
| <input type="checkbox"/> Culinary Arts II (WBL) | <input type="checkbox"/> Food Science and Technology | <input type="checkbox"/> Introduction to Horticulture |
| <input type="checkbox"/> Biotechnology | <input type="checkbox"/> Large Animal Science | <input type="checkbox"/> Natural Resources |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Physics | <input type="checkbox"/> Pre-Calculus |

Architecture and Design Career Cluster

Construction Program of Study

- | | | |
|---|---|---|
| <input type="checkbox"/> General Woodworking | <input type="checkbox"/> Drafting | <input type="checkbox"/> Drawing |
| <input type="checkbox"/> Home Repair & Construction | <input type="checkbox"/> Advanced Woodworking | <input type="checkbox"/> First Aid & Safety |
| <input type="checkbox"/> Spanish I and II | <input type="checkbox"/> Statistics | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> Psychology | | |

Arts/AV Technology and Communication Career Cluster

Visual Arts 2 D Arts Program of Study

- | | | |
|--|---|---|
| <input type="checkbox"/> Art Foundations | <input type="checkbox"/> Design Foundations | <input type="checkbox"/> 2D Art |
| <input type="checkbox"/> Drawing | <input type="checkbox"/> Advanced Painting | <input type="checkbox"/> Advanced Drawing |
| <input type="checkbox"/> Art Portfolio | <input type="checkbox"/> Psychology | <input type="checkbox"/> Physics |

Visual Arts 3 D Arts Program of Study

- | | | |
|---|--|--|
| <input type="checkbox"/> Art Foundations | <input type="checkbox"/> Design Foundations | <input type="checkbox"/> 3D Art |
| <input type="checkbox"/> Ceramics | <input type="checkbox"/> Contemporary Metals & Jewelry | <input type="checkbox"/> Wearable Art |
| <input type="checkbox"/> Modern Arts and Crafts | <input type="checkbox"/> Advanced Ceramics | <input type="checkbox"/> Art Portfolio |
| <input type="checkbox"/> Psychology | <input type="checkbox"/> Physics | |

Graphic Design Program of Study

- | | | |
|--|--|--|
| <input type="checkbox"/> Art Foundations | <input type="checkbox"/> Design Foundations | <input type="checkbox"/> Drawing |
| <input type="checkbox"/> Publications (WBL) | <input type="checkbox"/> Computer Art | <input type="checkbox"/> Web Development I |
| <input type="checkbox"/> Web Development II | <input type="checkbox"/> Advanced Computer Art | <input type="checkbox"/> Photo |
| <input type="checkbox"/> Introduction to Manufacturing (WBL) | <input type="checkbox"/> Pre-Calculus | <input type="checkbox"/> Psychology |

Performing Arts/Instrumental and Vocal

- Symphonic Band 3 years (1 point)
- Concert Choir 3 years (1 point)
- Symphonic Band/Concert Choir 3 years (1 point)
- Sound Wave 3 years (1 point)
- Exploring Theater (WBL)
- Physics
- Psychology

} **take any of these courses for 4 years to earn an additional laude point**

Business Management and Administration Career Cluster

General Management Program of Study

- | | | |
|---|---|--|
| <input type="checkbox"/> Introduction to Business | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Microsoft Office I |
| <input type="checkbox"/> Microsoft Office II | <input type="checkbox"/> Leadership & Professionalism | <input type="checkbox"/> CAPP Communications |
| <input type="checkbox"/> Statistics | <input type="checkbox"/> Math with Business Applications | <input type="checkbox"/> Mishicot Enterprise (WBL) |
| <input type="checkbox"/> Accounting | <input type="checkbox"/> Pre-Calculus | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> Physics | <input type="checkbox"/> Introduction to Horticulture (WBL) | <input type="checkbox"/> Publications (WBL) |

Education and Training Career Cluster

Teaching/Training Program of Study

- | | | |
|--|---|--|
| <input type="checkbox"/> Parent & Child | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Health Promotion & Wellness |
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> First Aid & Safety | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Sociology | <input type="checkbox"/> Leadership & Professionalism | <input type="checkbox"/> School to Work (WBL) |
| <input type="checkbox"/> CAPP Communications | <input type="checkbox"/> CAPP Spanish | <input type="checkbox"/> Statistics |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Physics | |

Finance Career Cluster

Accounting Program of Study

- | | | |
|--|--|---|
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Introduction to Business |
| <input type="checkbox"/> Accounting | <input type="checkbox"/> Leadership & Professionalism | <input type="checkbox"/> Personal Finance |
| <input type="checkbox"/> Statistics | <input type="checkbox"/> Microsoft Office II | <input type="checkbox"/> Pre-Calculus |
| <input type="checkbox"/> Mishicot Enterprise (WBL) | <input type="checkbox"/> Math with Business Applications | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> Physics | <input type="checkbox"/> Psychology | |

Government and Public Administration Career Cluster

Governance Program of Study

- | | | |
|---|---|--|
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> World Geography |
| <input type="checkbox"/> AP Human Geography | <input type="checkbox"/> AP Government | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Sociology | <input type="checkbox"/> Leadership & Professionalism | <input type="checkbox"/> CAPP Communications |
| <input type="checkbox"/> CAPP Spanish | <input type="checkbox"/> Written Communications | <input type="checkbox"/> Statistics |

Health Science Career Cluster

Health Science Program of Study

- | | | |
|--|---|--|
| <input type="checkbox"/> Health Promotion & Wellness | <input type="checkbox"/> Introduction to Health Occupations | <input type="checkbox"/> First Aid & Safety |
| <input type="checkbox"/> AP Biology | <input type="checkbox"/> General Anatomy & Physiology | <input type="checkbox"/> Medical Terminology |
| <input type="checkbox"/> CAPP Spanish | <input type="checkbox"/> Culture of Health Care | <input type="checkbox"/> Digital Lit. in Health Care |
| <input type="checkbox"/> Nursing Assistant | <input type="checkbox"/> Physics | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Sociology | <input type="checkbox"/> Chemistry | <input type="checkbox"/> Statistics |

Sports Science Program of Study

- | | | |
|---|--|--|
| <input type="checkbox"/> Health Promotion & Wellness | <input type="checkbox"/> Intro to Health Occupations | <input type="checkbox"/> First Aid & Safety |
| <input type="checkbox"/> General Anatomy & Physiology | <input type="checkbox"/> Psychology | <input type="checkbox"/> Performance Enhancement |
| <input type="checkbox"/> Sociology | <input type="checkbox"/> Statistics | <input type="checkbox"/> Sports Officiating |
| <input type="checkbox"/> Physics | | |

Hospitality and Tourism Career Cluster

Restaurant & Food/Beverage Services Program of Study

- | | | |
|--|--|---|
| <input type="checkbox"/> Family Foods | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Food Science & Technology |
| <input type="checkbox"/> Culinary Arts I | <input type="checkbox"/> World Geography | <input type="checkbox"/> Spanish I and II |
| <input type="checkbox"/> Introduction to Horticulture | <input type="checkbox"/> Culinary Arts II (WBL) | <input type="checkbox"/> Leadership & Professionalism |
| <input type="checkbox"/> Math with Business Applications | <input type="checkbox"/> Accounting | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> Large Animal Science | <input type="checkbox"/> Statistics | <input type="checkbox"/> Physics |
| <input type="checkbox"/> Psychology | <input type="checkbox"/> Marketing | |

Human Services Career Cluster

Human Services Program of Study

- | | | |
|---|--|---|
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Health Promotion & Wellness |
| <input type="checkbox"/> Parent & Child | <input type="checkbox"/> World Geography | <input type="checkbox"/> Leadership & Professionalism |
| <input type="checkbox"/> Psychology | <input type="checkbox"/> Sociology | <input type="checkbox"/> CAPP Communications |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> CAPP Spanish | |

Information Technology Career Cluster

Programming and Software Development Program of Study

- | | | |
|---|---|--|
| <input type="checkbox"/> Introduction to Business | <input type="checkbox"/> Programming I | <input type="checkbox"/> Web Development I |
| <input type="checkbox"/> Programming II | <input type="checkbox"/> Web Development II | <input type="checkbox"/> Computer Science Principles |
| <input type="checkbox"/> Pre-Calculus | <input type="checkbox"/> Chemistry | <input type="checkbox"/> Calculus |
| <input type="checkbox"/> Physics | | |

Law and Public Safety Career Cluster

Law and Public Safety Program of Study

- | | | |
|--|---|---|
| <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Health Promotion & Wellness | <input type="checkbox"/> Parent and Child |
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> World Geography | <input type="checkbox"/> First Aid & Safety |
| <input type="checkbox"/> Psychology | <input type="checkbox"/> Sociology | <input type="checkbox"/> AP Government |
| <input type="checkbox"/> Written Communications | <input type="checkbox"/> CAPP Communication | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> CAPP Spanish | <input type="checkbox"/> Leadership & Professionalism | <input type="checkbox"/> Physics |

Manufacturing Career Cluster

Manufacturing Production Program of Study

- | | | |
|--|--|---|
| <input type="checkbox"/> Introduction to Manufacturing | <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> Drafting |
| <input type="checkbox"/> Machine Tool | <input type="checkbox"/> Welding | <input type="checkbox"/> Industrial Print Reading |
| <input type="checkbox"/> Metals Manufacturing | <input type="checkbox"/> CNC Machining & Turning | <input type="checkbox"/> Engineering Applications |
| <input type="checkbox"/> Pre-Calculus | <input type="checkbox"/> Statistics | <input type="checkbox"/> Psychology |

Marketing Career Cluster

Marketing Program of Study

- | | | |
|---|--|--|
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> Introduction to Business | <input type="checkbox"/> Art Foundations |
| <input type="checkbox"/> Web Development I | <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Publications |
| <input type="checkbox"/> Design Foundations | <input type="checkbox"/> Marketing | <input type="checkbox"/> Computer Art |
| <input type="checkbox"/> Psychology | <input type="checkbox"/> CAPP Communications | <input type="checkbox"/> Statistics |
| <input type="checkbox"/> Leadership & Professionalism | <input type="checkbox"/> Mishicot Enterprise (WBL) | <input type="checkbox"/> Pre-Calculus |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Physics | |

Science Technology, Engineering & Mathematics Career Cluster

Engineering & Technology Program of Study

- | | | |
|---|---|--------------------------------------|
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> Drafting | <input type="checkbox"/> Drawing |
| <input type="checkbox"/> Solid Works | <input type="checkbox"/> Engineering Applications | <input type="checkbox"/> Electricity |
| <input type="checkbox"/> Pre-Calculus | <input type="checkbox"/> Calculus | <input type="checkbox"/> Chemistry |
| <input type="checkbox"/> Calculus II | <input type="checkbox"/> Physics | <input type="checkbox"/> Statistics |
| <input type="checkbox"/> World Geography | | |

Transportation and Logistics Career Cluster

Transportation and Logistics Program of Study

- | | | |
|--|---|--|
| <input type="checkbox"/> Customer Service Techniques | <input type="checkbox"/> Power & Ag Mechanics | <input type="checkbox"/> Introduction to Business |
| <input type="checkbox"/> Microsoft Office I | <input type="checkbox"/> World Geography | <input type="checkbox"/> Electricity |
| <input type="checkbox"/> Engineering Applications | <input type="checkbox"/> Accounting | <input type="checkbox"/> Mishicot Enterprise (WBL) |
| <input type="checkbox"/> Pre-Calculus | <input type="checkbox"/> Chemistry | <input type="checkbox"/> Calculus |
| <input type="checkbox"/> Physics | | |

Dual Credits/Work Based Learning (WBL)

- | | | |
|---|--|---|
| <input type="checkbox"/> AP Art Studio = 2 | <input type="checkbox"/> Calculus II = 2 | <input type="checkbox"/> Medical Terminology = 2 |
| <input type="checkbox"/> AP Biology = 2 | <input type="checkbox"/> CAPP Communications = 1 | <input type="checkbox"/> Pre-Calculus = 2 |
| <input type="checkbox"/> Calculus = 2 | <input type="checkbox"/> Honors English = 2 | |
| <input type="checkbox"/> AP Government & Politics = 1 | <input type="checkbox"/> CAPP Spanish = 2 | <input type="checkbox"/> Ag Coop = 1-4 |
| <input type="checkbox"/> AP Human Geography = 2 | <input type="checkbox"/> Digital Literacy in Health Care = 1 | <input type="checkbox"/> Youth Apprenticeship yr. 1 = 2 |
| <input type="checkbox"/> AP US History = 2 | <input type="checkbox"/> The Culture of Health Care = 1 | <input type="checkbox"/> Youth Apprenticeship yr. 2 = 2 |
| <input type="checkbox"/> AP World History = 2 | <input type="checkbox"/> Nursing Assistant = 2 | <input type="checkbox"/> Other Approved Course(s): |
| <input type="checkbox"/> AP Literature = 2 | <input type="checkbox"/> Introduction to Horticulture = 2 | |
| | <input type="checkbox"/> Large Animal Science = 2 | |

Courses considered for programs of study and/or dual credits for the Laude System are subject to change as agreements with the Technical Colleges and 4-year colleges change, as staffing changes, and for any other reason deemed appropriate by the School District of Mishicot.

Mishicot High School Laude Recognition Ranges

- **Summa Cum Laude** = 74.28 and above
- **Magna Cum Laude** = 52-74.27
- **Cum Laude** = 28.4-51.9

How to Calculate Laude Status:

- Step 1 – Count the number of laude points earned
- Step 2 – Multiply your GPA by the number of laude points
- Step 3 – Use the range chart above to determine your laude status

Example

You have earned 24 laude points.
 Your current GPA is a 3.8.
 Take $3.8 \times 24 = 91.2$
 You would be recognized as Summa Cum Laude.

Calculations

Your GPA _____

of Laude Points x _____

Total for laude range _____

Course Handbook Terminology

- Advanced Placement** - Courses leading to examinations. A score of 3 or above on these examinations may earn a student college credits. Students are responsible for paying for the test fee.
- Advanced Standing** – Also referred to as “credit in escrow” because the application of the credit is delayed until students enroll in a technical college program.
- Elective Class** - A class that students can choose to take to fulfill graduation requirements.
- Online Class** - A class completely delivered electronically using the internet and both student and instructor communicate via the computer.
- Required Class** - A class that all students are required to take to meet graduation requirements.
- Transcripted** – Referred to as “dual credit courses” as high schools also give credit, and “direct credit” because students are earning technical college credit directly from the technical college.

Abbreviations

- CAPP** - College Advanced Placement Program – Students have the option of paying a reduced cost to earn 3 credits at a college or university.
- LTC** - Lakeshore Technical College
- FVTC** - Fox Valley Technical College
- UW-O** - University of Wisconsin - Oshkosh

COURSE OFFERINGS

In addition to MHS graduation requirements, there are more specific requirements listed by the various schools of higher learning. It is your responsibility to become aware of these requirements. This information is available to you through the guidance office.

Mishicot High School encourages all students to take at least:

- Eight academic credits each year which would include the following:
 - At least one credit of math beyond Algebra II
 - Computer class
 - At least two credits of the same World Language (with a grade of C or better)
 - Additional electives from a variety of areas

CLASS CHANGES

The following restrictions apply when a change of class is being considered. Because teacher assignments are based upon the number of students registering for a particular course, changes in student programs will be allowed in very few situations and then only when class size will permit it. Allowing changes indiscriminately could result in the overcrowding of certain subject areas or even reducing the number in others too low to be offered for reasons of economics. Reasons for class changes may include failing a course, not meeting prerequisites, or switching career plans.

Schedule changes will be made prior to the start of the school year for all terms during the August drop/add period. Any additional schedule changes for any term can be made up until the first two days of the term.

- First term classes can be changed through the first two days of term one
- Second term classes can be changed during the first term and the first two days of second term
- Third term classes can be changed during first or second term and the first two days of the third term
- Fourth term classes can be changed during first, second, or third term and the first two days of fourth term

These changes will only be made if there is a legitimate reason for the change and will require signatures/approval from all teachers involved, parents, counselor and principal. No one enrolled as a full-time student at Mishicot High School will be allowed to carry fewer than four contact hours per term.

BEYOND THE TWO DAY time period, NO student will be allowed to drop a class without permission of the counselor, principal, parent and the teacher of the class involved. Students dropping out of a class after the first two days of a term (even with such permission) will receive a "grade of F" for that particular course.

When all other conditions governing the dropping or transferring of a class have been met, the following procedure below must be adhered to in order for the change to be finalized.

- 1. Obtain program change request form from your school counselor.**
- 2. Obtain signatures of all teachers involved in the changes.**
- 3. Obtain signatures from parent and school counselor.**
- 4. Obtain principal signature for all courses dropped after the appropriate drop time.**
- 5. All 9th – 11th graders must be taking 2 credits each term. 12th graders need to take a minimum of 1.5 credits each term, with the possibility of being eligible for senior release.**

AGRICULTURE/AGRI-SCIENCE DEPARTMENT

Animal Science Program of Study

Intro to Ag, Small Animal Science, Large Animal Science, Biotechnology, General Anatomy and Physiology, Wildlife Management, Spanish, AP Biology, Medical Terminology, Chemistry, Physics, Pre-Calculus

Food Science Program of Study

Intro to Ag, Family Foods, Culinary Arts I, Culinary Arts II, Food Science and Technology, Introduction to Horticulture, Biotechnology, Natural Resources, Large Animal Science, Chemistry, Pre-Calculus, Physics

Plant Science Program of Study

Intro to Ag, Introduction to Horticulture, Biotechnology, Landscape Design, Introduction to Soil Science, Chemistry, AP Biology, Spanish, Pre-Calculus

Natural Resources Program of Study

Intro to Ag, Wildlife Management, Natural Resources, Introduction to Horticulture, Principles of Sustainability, Introduction to Soil Science, Small Animal Science, AP Biology, Chemistry, Spanish, Pre-Calculus, Physics

Ag. CO-OP

Grade: 12

.5 - 2 credits (**Elective**)

Instructor Approval Required – Application Available in Student Service

Work based learning

The Agricultural Cooperative Education Program combines school-based academic and occupational instruction with work-based learning with an employer. CO-OP students must master a majority of skills through a combination of work-based instruction and experience. Students will work in agribusinesses that support the animal or plant industries. The competency areas covered include sales, customer relations, marketing, technical assistance, communications, professional development, and animal/plant science. Core employability skills are also measured. Knowledge and skills gained through participation in FFA also apply toward attainment of the skill certificate. Students will be required to track work hours, portfolio assignments and competencies gained from the program.

Agribusiness Fundamentals

Grade: 10 – 12

.5 Credits (One Term – **Elective**)

Prerequisite: Intro to Business and encouraged to have Intro to Ag

Work based learning

This course provides students with basic business management practices that include development of a business plan, establishment of short and long-range goals, identification and implementation of alternatives for reaching goals, and development of strategies to monitor progress. This is a perfect class for any student going into a business and/or agriculture career. Hands on learning align this class with local business through use of student SAE (supervised agricultural experiences).

Farm Business Management (LTC) is a college level course transcribed through Lakeshore Technical College.

Biotechnology

Grade: 10-12

.5 Credit (One Term – **Elective**)

Next offered in 2020-2021

Prerequisite: Biology

Humans have used biotechnology for thousands of years. However, it is only within the past 50 years that we have truly begun to understand how organisms live and reproduce. Understanding how traits are passed on from one generation to the next has opened many possibilities for improving our lives. Explore some of these possibilities in this course as we investigate the application and implications of current day agricultural biotechnology processes, products, and issues. This is a hands-on, lab-orientated course.

Food Science & Technology

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Intro to Agriscience is recommended

Interested in learning about the science behind the food? This course addresses the processing of “turning raw farm” products into finished foods ready for the consumer to prepare and eat at home. Students will practice food processing and preservation techniques, develop new food products and investigate all sectors of the food science industry while working in a hands-on lab setting. Students will obtain a vast knowledge of how different foods get from “the field to the fork”.

Introduction to Horticulture

Grade: 9-12

1.0 Credit (Two Terms – **Elective**) ***Can count for 1 Mishicot High School science credit***

Prerequisite: Intro to Agriscience and Biology is recommended

Work based learning

The world of horticulture is one of the largest growing areas of agriculture. This Horticulture class will deal with many areas associated with the production of greenhouse plants and landscaping. After a review of basic plant science, course work will include forms of plant propagations, raising of plants for ornamental, greenhouse, and landscaping purposes. Beyond the production of plants, the student will look in the areas that related to strong plant growth. Specific course topics will be covered include pest management, growth regulation, and greenhouse management. Students will be working hands on in our greenhouse, community garden and exploring hydroponic projects.

Transcribed through FVTC, 3 FVTC Credits

Course name at FVTC: Intro to Horticulture for 3 credits

Introduction to Agriscience

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

Introduction to Agriscience will introduce students to the diverse world of agriculture. Today, agriculture provides us many things like the food we eat, the clothes we wear, and the jobs that many of us have. Students will explore animals, plants, food technology, careers and leadership through hands-on activities and group settings. Students will work on a term long supervised agricultural experience which will carry over to future agriculture classes. Any student interested in taking agriculture classes should start with this course to set a foundation that other classes will build on.

Introduction to Soil Science

Grade: 9-12

.5 Credit (One Term – **Elective**)

Next offered 2020-2021

Prerequisite: Intro to Agriculture

This is a transcribed course through Lakeshore Technical College which focuses on the fundamentals of Soil Science as it relates to modern agriculture industry practices and techniques. Students will have the opportunity to earn transcribed credits toward their respective education/career plans. Emphasis will be made towards establishing safe, hazard free learning environments. Employability skills will be fostered through a variety of methods including, but not limited to, hands-on applications, collaborative projects, student presentations, research inquiries, and guest speakers. Organization skills as well as record keeping will be emphasized through the in class binder portfolio, and the SAE Record Book.

Transcribed with Lakeshore Technical College 3 Credit Class

iCEV

Grade: 9-12

1 Credit (Two Terms – Elective)

Prerequisite: Instructor Approval

This would be a personalized career readiness course to allow students more course offerings similar to Edgenuity online courses that the district uses. However, Edgenuity has a few CTE offerings included in our subscription that focus only on business and health (no FACS, Ag or Tech Ed) Where iCEV focuses on CTE offerings and each course is backed by an industry certification. This has already been used for students who are already meeting expectations to continue to challenge them, Youth Apprenticeship and Ag-Coop students to expand their skills and Career Development Event Team.

Landscape and Design

Grade: 9-12

1 Credit (Two Terms – **Elective**)

Next offered 2021-2022

Recommended: Encouraged to take Introduction to Agriscience and Introduction to Horticulture

Work based learning

This advanced course focuses on the landscape design industry. Units of student instruction include: identifying landscape plants, designing landscape plans, and installing a variety of landscape plants and plans. Students will be given the opportunity to develop plans and installation for the Mishicot School District as well as other community contract properties. Supervised Agricultural Experiences (SAEs) are integral components of this course, students are required to maintain a SAE during the course.

Large Animal Science

Grade 11-12

1.0 Credit (Two Terms – **Elective**) **Can count for 1 Mishicot High School science credit**

Livestock production is an important part of agriculture in Wisconsin. People are dependent on livestock for production for supplies of food and clothing. Dairy, beef cattle, sheep, goats, poultry and other exotic animals have been domesticated by man to provide these commodities. The production of these livestock, including selection breeding, feeding, husbandry and showing, will be examined. This class is strongly recommended for students with interest in animals and animal or human health related fields.

Transcripted with Fox Valley Technical College 3 Credit Class

Course Name at FVTC: Animal Science Fundamentals for 3 credits

Natural Resource Management

Grade: 9-12

.5 Credit (One Term – **Elective**)

Next offered 2020-21

Recommended: Intro to Agriscience

Agriculture is directly tied to our environment. Natural Resources Management is essential for students interested in wildlife, forestry and the environment we live in. Topics will include management practices of Wisconsin's wildlife where students will begin identifying wildlife in our school forest and learning about how to maintain a healthy population. Other topics will focus on advanced forestry techniques, energy conservation, outdoor recreation and survival methods. Invasive species and conservation will be important topics of interest. Labs, work in our school forest/M.E.C.C.A. trail, and guest speakers will be used to enforce learning.

Principles of Sustainability

Grades 9-12

.5 Credit (One Term – **Elective**)

Next offered in 2021-2022

Prerequisite: Intro to Agriscience is recommended

This course prepares students to develop sustainable literacy, analyze interconnections among physical and biological sciences and environmental systems, summarize effects of sustainability on health and well-being, analyze connections among social, economic, and environmental systems, employ energy conservation strategies to reduce use of fossil fuels, investigate alternative energy options, evaluate options to current waste disposal/recycling in the U.S., and analyze approaches used by the community to promote and implement sustainability.

Advanced Standing credit through Lakeshore Technical College

Course name at LTC: Principles of Sustainability for 3 credits

Small Animal Science

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Intro to Agriscience is recommended

This course will explore a selection of companion animals including cats, dogs, gerbils, rabbits and chickens in regard to feeding, reproduction, health and behavior. Students will work hands on with animals in the classroom and perform labs related to animal health and care. Students will learn basic care, handling and safety related to veterinary science. This course is strongly recommended for students pursuing health related careers or intending to be animal owners.

Wildlife Management

Grade: 9-12

.5 Credit (One Term – **Elective**)

Offered 2021-2022

Recommended: Introduction to Agriscience

If you enjoy the outdoors and animals of the outdoors, this is the class for you! Wildlife is a very important part of our natural world. This course explores the history of wildlife, their populations, habitats, diseases, and protection. Units will also include hunting and fishing. Topics will include a detailed look at many big and small game species native to the United States, endangered species, and the devastation of species in other countries. Units will also include quality deer management, Wisconsin's hunting and fishing industry, aquaculture production of tilapia, trout and walleye, and other wildlife. Ethics, regulations, and citizen responsibilities will also be discussed. Each student will have the opportunity to perform pan fish taxidermy.

ART DEPARTMENT

Visual Arts 2D Art Program of Study

Art Foundations, Design Foundations, 2D Art, Drawing, Advanced Painting, Advanced Drawing, Art Portfolio, Psychology, Physics

Visual Arts 3D Art Program of Study

Art Foundations, Design Foundations, 3D Art, Drawing, Ceramics, Contemporary Metals & Jewelry, Wearable Art, Modern Arts and Crafts, Advanced Ceramics, Art Portfolio, Psychology, Physics

Graphic Design Program of Study

Art Foundations, Design Foundations, Drawing, Publications, Computer Art, Web Development I, Web Development II, Advanced Computer Art, Photo, Introduction to Manufacturing, Pre-Calculus, Psychology

2 Dimensional Art

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Art Foundations

2 Dimensional Art will explore painting, drawing, and printmaking. Students will learn to work in a large range of media including but not limited to; ink, pencil, marker, linoleum, color pencil, charcoal, pastels, acrylic, water color, and oil paint. Art Foundations should be taken prior to or while enrolled in this course.

3 Dimensional Art

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Art Foundations

3 Dimensional Art will introduce students to the basic techniques used in ceramics as well as other sculptural materials used to create 3 dimensional designs. Concepts will be explored through materials like clay, plaster, found objects and more.

AP Studio Art: 2D or 3D

Grade: 11-12

1 Credit (Two Term - **Elective**)

Instructor approval required – Application available in Student Services

Students will take either a 2D or 3D emphasis and will be able to demonstrate mastery through any two-dimensional medium or process or three-dimensional approach. Students will develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course. This course will run as an independent all year.

Art Foundations

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

This is an introductory course with special emphasis on the elements and principles of design: color, line, shape, space, texture, value, form, contrast, unity, rhythm, variety, emphasis, balance, movement, and repetition. Students are assigned problems in both two-dimensional and three-dimensional form that encourages imaginative solutions and critical thinking.

Art Portfolio

Grade: 11-12

.5 Credit (One Term – **Elective**)

Prerequisite: One Advanced Art Studio Class; with instructor's approval

This course is designed for the serious student who is considering a career in art. This course will allow you to work independently on developing a portfolio for interviews. Ideally a second semester Junior or 1st semester Senior will want to take this class.

Ceramics

Grade 9-12

.5 Credit (One Term-**Elective**)

Next offered 2020-2021

Prerequisite: Art Foundations and Design Foundations and 3D Art

Students will receive a broad scope introduction to all of the basic methods and techniques of working with clay. The course will progress from a survey of ceramic past to contemporary design and function, clay and its properties, hand built to wheelwork, glazes and glazing and kiln firing.

Computer Art

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Art Foundations

Next offered 2021-2022

This course provides students with simulated actual on-the-job problems that graphic artists and film makers may encounter. Students work on developing a team ethos, responsibility to time, and multi-media vocabulary. Students will be able to prepare a portfolio of work and presentations for prospective colleges or employers.

Contemporary Metals and Jewelry Design

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Art Foundations

Next offered 2020-2021

This course introduces students to the process of metalsmithing and the creation of functional and non-functional metal jewelry and other objects. Students will experience professional metalsmithing techniques such as soldering, cold connections, glass fusing, glass bead making, and more.

Design Foundations

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Art Foundations

This course focuses on problem solving in the area of design. Students will receive several problems that need to be solved using their knowledge as well as their skill as an artist in both the 2-dimensional and 3-dimensional form. These problems deal with spatial areas in an architectural format, packaging, logos, and experience design. Prerequisite for this course is Art Foundations. This course may also be taken concurrently with any studio course providing the student has already taken Art Foundations.

Drawing

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: Art Foundations, 2D Design

Next offered 2020-2021

This basic drawing course includes drawing techniques in a variety of black and white and color media. Special emphasis is given to the analysis of the line, shape, form, structure, value, texture, pattern, perspective and the fundamentals of composition, working from nature, figures, still life and architectural objects as a basis for the expression of pictorial ideas. The discipline of collecting and organizing thoughts, ideas and images is emphasized through the use of a sketchbook.

Modern Arts and Crafts

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

Next offered 2020-2021

This course will explore several modern craft movements looking at their world origins. Students will have a chance to explore glass design, rug, paper, soap making, and more.

Photography

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

This course gives students the opportunity to have instruction on operating a camera, recording visual images using a SLR 35mm camera as well as digital cameras. Darkroom skills for creating B/W images will be developed. Strong emphasis on composition as well as Photoshop skills will be pursued.

Publications

Grade: 9-12

1.0 credit (One Term – **Elective**)

This class maybe taken multiple times

Work based learning

Have an impact on how memories are recorded! Students in Publications will be responsible for the production of the yearbook, newspaper, and graduation program. This class focuses on photography, page layout, and computer design. Students in this course will work both independently and as a team in creating memories that last a lifetime.

Wearable Art

Grade: 9-12

.5 Credit (One Term – **Elective**)

Next offered 2020-2021

Prerequisite: Art Foundations

Every day we get up, get dressed and head off to school. Have you ever thought about all the work that went into creating the outfit and accessories? What about the person who designed your shirt or your shoes or your scarf? This class will look at **fashion design** and how those designs are created and allow you to be the designer.

Advanced Drawing

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: Drawing Studio or 2 Dimensional Art; with instructor's approval

Advanced Drawing is designed for students who have taken drawing and wish to continue working on developing their skills. Students will be working independently with teacher guidance. Students need to be self-motivated. Special areas for further development include perspective drawing, life drawing and problem solving spatial issues.

Advanced Painting

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: 2 Dimensional Art with instructor's approval

Advanced Painting is for students who wish to continue developing their painting skills. You must have taken painting already. Special emphasis will be given to painting from natural objects and still life. This is designed as an independent course.

Advanced Ceramics

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: 3 Dimensional Art; with instructor's approval

Advanced Ceramics is for the student who has taken 3D Art and wants to work on developing his/her skills to higher standards. The course is an independent course and the students will work on their own or with teachers' assistance.

Advanced Computer Art

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: Computer Art; with instructor's approval

Students will choose Photoshop, Illustrator or Video Editing to concentrate on. They will develop a portfolio of work that is related to school, community or global issue. Students will work independently in conjunction with instructors' guidance.

Advanced Photography

Grade: 11-12

.5 Credit (One Term – **Elective**)

Prerequisite: Photography Studio; with instructor's approval

This course is designed to develop photographic skills with investigation into the use of light, filters, colored slides, and digital photography.

Advanced Contemporary Metals & Jewelry Design

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: Contemporary Metals & Jewelry Design

Advanced Contemporary Metals & Jewelry Design is for the student who wants to further their skills in creating fine jewelry and small sculptural forms using semi precious metals and stones.

Business, Marketing & Information Technology

General Management Program of Study

Introduction to Business, Customer Service Techniques, Microsoft Office I, Microsoft Office II, Leadership and Professionalism, CAPP Communications, Statistics, Math with Business Applications, Mishicot Enterprise, Accounting, Pre-Calculus, Chemistry, Physics, Introduction to Horticulture, Publications

Accounting Program of Study

Microsoft Office, Customer Service Techniques, Introduction to Business, Accounting, Leadership and Professionalism, Personal Finance, Statistics, Microsoft Office II, Pre-Calculus, Mishicot Enterprise, Math with Business Applications, Chemistry, Physics, Psychology

Programming and Software Development Program of Study

Introduction to Business, Programming I, Programming II, Web Development I, Web Development II, Computer Science Principles, Pre-Calculus, Chemistry, Calculus, Physics

Marketing Program of Study

Microsoft Office I, Introduction to Business, Art Foundations, Web Development I, Customer Service Techniques, Publications, Design Foundations, Marketing, Computer Art, Psychology, CAPP Communications, Statistics, Leadership and Professionalism, Mishicot Enterprise, Pre-Calculus, Chemistry, Physics

Accounting

Grades 11-12

1 Credit (Two term – **Elective**)

Accounting is the language of business; the process of recording, analyzing, interpreting, and reporting financial information used by managers and owners of businesses. After completing this course, you will have a major advantage when taking college accounting and possess the skills necessary for entry-level accounting and bookkeeping careers. Knowledge of accounting is a crucial component for any student who will choose entrepreneurial ventures and small business ownership.

Advanced Standing credit through Lakeshore Technical College

Course name at LTC: Accounting I for 4 credits

Computer Science

Grade 10-12

.5 Credit (One Term – Elective)

Prerequisite: Algebra I

Looking for creative thinkers! Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Computer Science is more than coding. Topics studied throughout the course include the internet, Big Data and Privacy, and Programming and Algorithms.

Introduction to Business

Grades 9-12

.5 Credit (One term – Elective)

Students are introduced to the business concepts and skills required in today's marketplace. Abundant practical applications help students learn about the business world and how to make business decisions in our global economy.

Marketing

Grades 10-12

.5 Credit (One term – Elective)

Suggested Prerequisite: Microsoft I and Intro to Business

Principles of Marketing introduces the student to the consumer decision process model, the bases used to segment a market, basic concepts about goods, services, and ideas, the nature of supply chain and distribution, integrated marketing communications, and the stages of the product life cycle and their impact on the marketing mix. Many hands on activities will be used to show how different companies get consumers to purchase their goods and services without the consumer knowing it is happening.

Advanced Standing credit through Lakeshore Technical College

Course name through LTC: Principles of Marketing for 3 credits

Math with Business Applications

Grades 9-12

.5 Credit (One term – Elective)

This course covers real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, apply math concepts to the purchasing/buying process, apply concepts to the selling process, and basic statistics with business/consumer applications.

Advanced Standing credit through Lakeshore Technical College Course name at LTC: Math with Business Applications for 3 credits

Microsoft Office Level I

Grades 9-12

.5 Credit (One term – Elective)

Microsoft Office Level I is a .5 credit course that introduces the student to the Microsoft Office Suite. We will learn Microsoft Word word-processing features such as creating, saving, editing, formatting and printing documents; creating basic diagrams, and applying these concepts to produce usable documents. Microsoft Office Level I also introduces the student Microsoft Excel features such as creating, modifying and formatting worksheets; entering formulas and functions; working with charts; and developing multiple-sheet workbooks. Introductory concepts of PowerPoint presentation and Access date based software are also covered.

Transcripted credit through Lakeshore Technical

Course Name through LTC: Microsoft Word Level I, Microsoft Excel Level I, Microsoft Power Point Level I, Access Level 1 for 1 LTC credit for each class for a total of 4 LTC credits

****NOTE: Successful completion (C or better) of Microsoft Office I will earn students the Lakeshore Technical College Introduction to Microsoft Certification.**

Microsoft Office Level II

Grades 10-12

.5 Credit (One term – **Elective**)

Prerequisite: Microsoft Office Level I

Microsoft Office Level II is a .5 credit course that prepares the student to work in Microsoft Word with multi-column documents, templates, and the mail merge feature while applying WordArt, Themes, Styles, and other advanced document formatting features. Concepts of Microsoft Excel also prepare the student to create templates, work with PivotTables and PivotCharts, insert hyperlinks, sort and filter tables, apply subtotals, integrate Excel with other programs, write formulas referencing multiple worksheets, and use complex functions. Advanced PowerPoint and Access concepts are also covered.

Advanced standing through Lakeshore Technical College

Course Name through LTC: Microsoft Word Level II, Microsoft Excel Level II, Microsoft Power Point Level II

1 LTC credit for each class for a total of 3 LTC credits

Mishicot Enterprise

Grades 9-12

1 Credit (Yearlong – Elective)

Prerequisite: Recommended but not required: Intro to Business and Web Development

Work Based Learning

The School-based enterprise will provide students with real-world work experience in a hands-on learning environment as an e-commerce based entrepreneurial operation located within Mishicot HS. The purpose is to identify, create, and sell goods that meet the needs of a specified market or target audience. The students will identify the need and a target market, establish and write a business plan, make or acquire inventory, engage in marketing of their products, and sell the goods to generate revenue.

Personal Finance

Grades 9-12

.5 Credit (One term – **Elective**)

Next offered 2018-2019

Suggested Prerequisite: Microsoft I and Intro to Business

Would you like to learn how to make an informed purchase? Do you plan on living alone after high or college? Then think about taking Personal Finance. Personal Finance is a term course studying personal and family resources considered important in achieving financial success which involves how people spend, save, protect, and invest their financial resources. Topics typically include budgeting, major expenditures, risk management, investments, retirement planning, and estate planning. A solid understanding of personal finance topics will offer you a better chance of success in facing the financial challenges, responsibilities, and opportunities of life. Such successes might include paying minimal credit costs, not paying too much in income taxes, purchasing automobiles at low prices, financing housing on excellent terms, buying appropriate and fairly priced insurance, selecting successful investments that match your personality, planning for a comfortable retirement, and passing on your estate with minimal transfer costs.

Programming I

Grades 9-12

.5 Credit (One term – **Elective**)

Programming I is a highly visual, dynamic, and interactive course that introduces fundamental programming concepts with an emphasis on helping students develop logical thinking and problem solving skills. Students will develop an understanding of top down design, algorithms, variables, functions, data types, decision structures, looping structures and arrays through unplugged activities, developing solution flow charts, and writing and running code in a browser.

Advanced Standing credit through Lakeshore Technical College

Course Name through LTC: Programming I, 1 LTC Credits

Programming II

Grades 10-12

.5 Credit (One term – **Elective**)

Prerequisite – Pass Programming I with a C or better.

Programming II builds on the concepts mastered in Programming 1 by introducing coding techniques using the Java programming language. Students will learn how to write code using an Integrated Development Environment (IDE) and compile a program. In addition to the concepts covered in Programming 1, topics covered will also include inheritance, exception handling, and advanced class and object concepts.

Advanced Standing credit through Lakeshore Technical College

Course Name through LTC: Programming II, 3 LTC Credits

Web Development I

Grades 9-12

.5 Credit (One term – **Elective**)

Web Development I introduces the students to web page design principles and proceeds to teach students how to create their own visually appealing designs for the web. Students will have hands-on experience using current versions of Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to code and format accessible, valid, and optimized web sites. The course culminates with the students creating a personal website.

Advanced Standing credit through Lakeshore Technical College

Course Name through LTC: Web Development 1, 3 LTC Credits

Web Development II

Grades 10-12

.5 Credit (One term – **Elective**)

Prerequisite – Pass Web Development I with a C or better.

Students wanting to further their knowledge of website design and development will find Web Development 2 quite interesting. Web Development 2 introduces the student to DHTML, JavaScript, AJAX, and framework libraries. Students learn how to add JavaScript and AJAX to existing programs, and design new applications to exploit the power of Web 2.0. Students learn the three layers of AJAX framework, and when (and how) to use each. Students learn how to create rich clients, use visual effects, add client-side validation, and handle forms.

Advanced Standing through Lakeshore Technical College

Course Name through LTC: Web Development 2, 4 LTC Credits

ENGLISH DEPARTMENT

AP Literature

Grade: 11

1.0 Credit (Two Terms – **Must take this class or English 11 to fulfill 11th grade English Credit**)

Prerequisite: Completion of English 9 & 10

Recommendations for success: Earned a B or higher in 9th and 10th grade English, scored proficient on standardized tests

This is a college level course that engages students in the study of imaginative literature. The amount of work and the intellectual challenges during this course is comparable to an undergraduate, college level course. Students read closely and observantly to deepen their understanding and appreciation of literature in order to develop interpretations on the effects of an author's use of language and structure. Students also study language, writing, and speaking skills which allows them to express their interpretations. In order to earn credit, students must take the AP College Board exam in May (\$91) and meet individual college entry requirements.

Requirements of the course:

Summer Homework: reading and annotating a novel, completing a writing study, essay writing, vocabulary study, poetry work

Work Days: three work days in the summer from 8-noon in August with the option to schedule more if needed

CAPP Communication

Grade: 11 & 12

.5 Credit (One Term – **Elective**)

Prerequisite: Completion of Research and Inquiry

This course allows students to earn 3 college level credits and satisfy the speech graduation requirement for all UW schools. It is designed to help students develop broad knowledge and transferable skills, and build upon their sense of values, ethics, and civic engagement. Throughout the course, students will be encouraged to articulate and practice an ethical and audience-centered approach to public speaking; develop research, organizational, and delivery skills for the preparation and presentation of speeches; analyze differing rhetorical situations and create speeches that are appropriate to the situation; and critically listen to and assess public speeches.

****CAPP UW-Oshkosh ****

(One Term – Comm 111 – 3 Credits)

UW-Oshkosh Eligibility Requirements:

Must meet at least one of the following requirements:

- Class Rank in the top 25 percent
- 3.25 GPA or above
- ACT score of 24 or higher AND
 - rank in the top 50 percent OR
 - 2.75 GPA or above
- Teacher Recommendation

Creative Writing (Online Class)

Grade: 9-12

1.0 Credit (Two Terms - **Elective**)

Prerequisite: None

In this online course, students will survey a variety of creative writing genres including creative nonfiction, poetry, fiction, drama, and multimedia writing. Students will use the writing process to evaluate and analyze their own work, as well as the work of others. In addition, students will read a variety of creative texts and will apply that knowledge to their writing. Learning activities include, but are not limited to reflective journals, reading, discussing, writing, self-evaluative assignments, and writing games. After each unit, students will have created a finished written work/project. At the end of the course students will have developed a writing portfolio to showcase his/her learning development and finished works.

English 9

Grade: 9

1.0 Credit (Two Terms - **Required**)

Prerequisite: None

In this course students will develop proficiencies in reading, writing, literary analysis, grammar and usage, vocabulary, oral communication, and research. Students explore the overarching theme through the study of fiction and non-fiction literature. Through their reading and inquiry, students are introduced to various stylistic techniques which help them learn strategies to improve their reading, writing, listening, and speaking skills. Students write with MLA format in multiple genres throughout the year, including narrative, expository, and argumentative, which is a framework for critical thinking. Authentic class discussion plays a vital role in enhancing their literacy skills. This holistic approach to literacy learning introduces students to the benefits of reflecting and learning to think deeply about the ways they interact and communicate with the world around them.

English 10

Grade: 10

1.0 Credit (Two Terms - **Required**)

Prerequisite: Completion of English 9

This course emphasizes a collaborative approach in creating self-directed learners who will use a variety of thinking strategies to analyze, understand and create text for multiple purposes: personal enrichment, inquiry, and problem solving. In this course, students continue to develop their proficiencies in reading, writing, literary analysis, grammar and usage, and research. Students read and write to collect, analyze and synthesize information as well as cite specific evidence with MLA format in response to narrative texts, mythology in words and art, transcending themes in literature, and historical fiction. Students will further develop their abilities to formulate questions, construct and critique arguments, make informed decisions and change perspectives and thinking. Students will study various literary forms to analyze themes, read and respond to informational texts, use inquiry to promote social awareness of issues impacting teens around the world, write for change and study informational texts. This will give students the necessary skills to be successful in the upper level literature and writing courses they will take as juniors and seniors.

English 11

Grade: 11

1.0 Credit (Two Terms – **Must take this class or AP Literature to fulfill 11th grade English Credit**)

Prerequisite: Junior Standing

In this course, students will develop critical reading, writing, speaking, and listening skills imperative to 21st century learning. Emphasis will be placed on developing an inquisitive stance while reading, writing and discussing increasingly complex pieces of texts. Students will encounter a wide range of literature and informational text, with focus on American authors. Students will write using MLA format in the modes of narrative, argumentative, and informational. In addition, students will use multiple types of technology to produce and present ideas. Ongoing instruction in grammar, vocabulary, and ACT test prep is embedded in all modules of the curriculum.

English 12

Grade: 12

1.0 Credit (Two Terms – **Must take this class or Written Communication or Honors English to fulfill 12th grade English Credit**)

Prerequisite: Senior Standing

This course engages in a survey approach to reading and writing. Students will gain a deeper understanding of the historical context of world literature and be asked to relate their worldview with the perspectives of others. Throughout the course, students will be expected to continue to develop their knowledge of literary terms related to fiction and nonfiction texts. This course is a comprehensive class in which students will use the writing process to develop and produce literary responses, essays, and research papers in MLA format focusing on the Common Core State Standards. Writing will be supported by grammar usage and vocabulary instruction to create sophisticated expressions of analytical interpretation in written form.

Honors English

Grade: 12

1.0 Credit (Two Terms – **Must take this class or Written Communication or English 12 to fulfill 12th grade English Credit**)

Prerequisite: Senior Standing

Recommendations for success: Earned a B or higher in 11th grade English course, planning to attend a four year college, and meets the criteria put forth by UW-Oshkosh as listed below

This course is offered through dual credit. Besides the regular high school credits they will receive from taking the class, they will also be eligible to receive six (6) college credits. **Students wanting college credit will be responsible for tuition.** The class consists of an introduction to the college principles of writing and composition beginning with an investigation of the writing process: pre-writing, drafting, revising, and editing in a variety of essay genres in preparation for and writing of a research paper in MLA format. The second term of this course is an introduction to content, structure and techniques of British Literature including literary genres, the terminology of literature, and the elements of literature interpretation through an analysis of the English culture.

****CAPP UW-Oshkosh (Term 1 English 101 – 3 credits – Term 2 English 211 – 3 credits) (\$100 per credit \$300 for each term)**

Oshkosh Eligibility Requirements:

Must meet at least one of the following requirements:

- Class Rank in the top 25 percent
- 3.25 GPA or above
- ACT score of 24 or higher AND
 - rank in the top 50 percent OR
 - 2.75 GPA or above
- Teacher Recommendation

Research & Inquiry

Grade: 10

.5 Credit (One Term – **Required**)

Prerequisite: Sophomore Standing

This course emphasizes the development of speaking, listening, reading, and writing. Topics included in the course are public speaking, the communication process, listening, interpersonal communication, researching, outlining, grammar, and vocabulary. MLA format is used to document sources cited within presentations. Technology integration is emphasized with group presentations and individual speeches in order to prepare students with 21st century skills.

Advanced Standing through Lakeshore Technical College

Course Name through LTC: Speech or Oral/Interpersonal Communications, 3 LTC Credits

Written Communication

Grade: 11-12

1.0 Credit (Two Terms – **Must take this class or English 12 or Honors English to fulfill 12th grade English Credit**)

Prerequisite: English 9 and 10 must be completed with a passing grade.

This course assumes competence at the high school level in writing coherent, effective, well organized, and grammatically correct texts. The objective of Written Communication is to help students refine their strategies for communicating ideas clearly and to deepen students' understanding of how they must adapt their strategies to fit a variety of writing structures, purposes, and audiences. Students will engage in weekly grammar and writing assignments completed at college level standards and proficiencies. Students will also be offered opportunities to prepare for skills assessed on the ACCUPLACER exam. Students taking this class may be eligible to earn advanced standing credit through Lakeshore Technical College by maintaining a semester average of a C or higher. Placement recommendations for this course include students interested in earning a LTC college credit, students able to maintain the rigor of weekly writing assignments and quizzes, and students interested in or who need to take the ACCUPLACER exam for technical college application.

Advanced standing through Lakeshore Technical College

Course Name through LTC: Written Communication, 3 LTC Credits

FAMILY AND CONSUMER SCIENCES DEPARTMENT

Restaurant & Food/Beverage Services Program of Study

Family Foods, Customer Service Techniques, Food Science and Technology, Culinary Arts I, World Geography, Spanish, Introduction to Horticulture, Culinary Arts II, Leadership and Professionalism, Math with Business Applications, Accounting, Chemistry, Large Animal Science, Statistics, Physics, Psychology, Marketing

Teaching and Training Program of Study

Parent and Child, Customer Service Techniques, Health Promotion and Wellness, Microsoft Office I, First Aid and Safety, Psychology, Sociology, Leadership and Professionalism, School to Work, CAPP Communications, CAPP Spanish, Statistics, Chemistry, Physics

Customer Service Techniques

Grade 11-12

.5 credit (One Term - **Elective**)

The Customer Service Certificate is designed to provide the training and preparation to be successful in all aspects of customer service. Developing long term relationships with consumers is critical to remain competitive in business today. The Customer Service Certificate will assist manager, marketers, and employees in developing customer service skills to meet the needs of consumers in the service sector.

Transcripted agreement with Lakeshore Technical College

Course Name through LTC: Customer Service Techniques, 2 LTC Credits

Family/Foods

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

Join in and explore ways to make foods healthier and more nutritious. We will explore the six essential nutrients and their effect on your body. We will also explore special diets and learn how to incorporate nutrition information into our everyday life. This class is beneficial to any student considering careers in health sciences, food preparation or just for your own personal knowledge.

Leadership and Professionalism

Grade 9-12

.5 credit (One Term - **Elective**)

Leadership Development allows the learner to apply the skills and tools necessary to fulfill his/her role as a modern leader. Each learner will demonstrate the application of evaluating leadership effectiveness and organization requirements, individual and group motivation strategies, implementing mission and goals, ethical behavior, personal leadership style and adaptation, impacts of power, facilitating employee development, coaching, managing change, and effective conflict resolution.

Transcripted or Advanced Standing credit through Lakeshore Technical College depending on the MHS teacher

Course Name through LTC: Leadership and Professionalism, 3 LTC Credits

Parent & Child

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

In this course, students will focus on the development of infants, toddlers, preschool and early elementary age children. Students will work in individually and in cooperative learning groups to explore the social, emotional, physical, and cognitive development of each age group of children from birth through middle childhood. Each student will plan developmentally appropriate activities for young children and maintain a portfolio to showcase their acquired knowledge and skills.

Culinary Arts I

Grade 10-12

.5 credit (One Term-Elective)

Part 1 towards earning certification through the National Restaurant Association and Education Foundation

The Purpose of this course is to enhance your knowledge about the cuisines of different cultures within the world and better understand the factors that influence your food choices. Not only will you obtain skills that can be used throughout your lifetime, but the class will help prepare you for a future in the Hospitality and Tourism Field, Health Sciences/Nutrition Field and /or the Food Service Industry.

Culinary Arts II

Grade 11-12

.5 credit (One Term – **Elective**)

Work Based Learning

Part 2 of earning the certification through the National Restaurant Association and Education Foundation

This course will concentrate on the service area. You will learn how to coordinate and plan a restaurant and complete cater services for the public. We will turn our class into the restaurant of your choice. Advanced techniques in food preparation and service will be taught. If you are interested in food production, or hospitality and tourism as a career or just a summer job in the restaurant industry this class is for you. The ProStart National Certificate of Achievement (COA) is an industry-recognized certificate that signifies a strong foundation in the basic management and culinary skills considered critical to success by industry leaders. To earn the ProStart National COA, a student must pass the National Restaurant Association's Year 1 and Year 2 exams, and complete 400 hours of mentored work experience.

****NOTE – Successful completion (C or better in both courses) of Leadership & Professionalism and Customer Services Techniques will earn students the Lakeshore Technical College Customer Service Certification.**

MATHEMATICS DEPARTMENT

Algebra I

Grade: 9

1.0 Credit (Two Terms - **Required**)

Required unless taken as an 8th grader

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. Because it is built on the middle grades standards, this is a more ambitious version of the Algebra I that has generally been offered. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students further engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem solutions.

Algebra II

Grade: 10-12

1.0 Credit (Two Terms – **Required**)

This is the third year in a three year college and career readiness math sequence that focuses on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling, periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.

Calculus

Grade: 12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Completion of four years of secondary math, including Algebra, Geometry, Algebra 2 and Pre-Calculus

Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its applications and methods. The course will emphasize a multirepresentational approach to calculus, with concepts, results and problems expressed graphically, numerically, analytically, and verbally. Technology will be used regularly by students to reinforce the relationships among the multiple representations of functions, to confirm written work, and to assist in interpreting results. Taking the AP exam is an option for students who wish to earn college credits. There is a fee for this exam. ***Students wanting college credit will be responsible for tuition and book costs.***

*****CAPP UW-Oshkosh *****

Course Name through UW Oshkosh: (Math 171 - 4 UW Oshkosh credits \$100.00 per credit = \$400.00)

Oshkosh Eligibility Requirements:

Must meet at least one of the following requirements:

- Class Rank in the top 25 percent
- 3.25 GPA or above
- ACT score of 24 or higher AND
 - rank in the top 50 percent OR
 - 2.75 GPA or above
- Teacher Recommendation

Calculus II

Grade: 12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Successful completion of AP Calculus AB

Calculus II provides an understanding of the fundamental concepts and methods of integral calculus with an emphasis on their application, and the use of multiple representations incorporating graphic, numeric, analytic, algebraic, and verbal and written responses. Topics of study include: integrals, applications of integrals, and series. Technology is an integral part of the course and includes the use of graphing calculators. On a regular basis, graphing calculators are used to explore, discover, and reinforce concepts of calculus.

****CAPP UW-Oshkosh ****

Course Name through UW Oshkosh: (Math 172 – 4 UW Oshkosh \$100.00 per credit = \$400.00)

Oshkosh Eligibility Requirements:

Must meet at least one of the following requirements:

- Class Rank in the top 25 percent
- 3.25 GPA or above
- ACT score of 24 or higher AND
 - rank in the top 50 percent OR
 - 2.75 GPA or above
- Teacher Recommendation

College Mathematics

Grade: 11-12

.5 Credit (One Term – **Elective**)

This course is designed to review and develop fundamental concepts of mathematics pertinent to the areas of: (1) arithmetic and algebra; (2) geometry and trigonometry; and (3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions, solving linear equations and inequalities in one variable, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, finding areas and volumes of geometric figures, applying Pythagorean Theorem, solving right and oblique triangles, calculating probabilities, organizing data and interpreting charts, calculating central and spread measures, and summarizing and analyzing data.

Transcribed credit through Lakeshore Technical College

Course Name through LTC: College Mathematics, 3 LTC Credits

Geometry

Grade: 9-11

1.0 Credit (Two Terms – **Required**)

This course focuses on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concept of formal proof, exploring the properties of two-and-three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events.

Pre-Calculus

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Algebra II with a minimum of a C average

Pre-Calculus develops the skills you will need for college mathematics, in particular Calculus, by building on your learning from Algebra 2 and Geometry. The course will focus on the study of polynomial, exponential, logarithmic, polar, and trigonometric functions, as well as limits, area, and slope that are essential building blocks for derivation and integration. These concepts will be studied using technology, group work, problem solving, collaboration skills, projects, and daily assignments.

****CAPP UW-Oshkosh ****

Course Name through UW Oshkosh: (Math 108 – 5 UW Oshkosh \$100.00 per credit = \$500.00)

Oshkosh Eligibility Requirements:

Must meet at least one of the following requirements:

- Class Rank in the top 25 percent
- 3.25 GPA or above
- ACT score of 24 or higher AND
 - rank in the top 50 percent OR
 - 2.75 GPA or above
- Teacher Recommendation

Statistics

Grade: 11-12

.5 Credit (One Term – **Elective**)

Prerequisite: Algebra II

This class is designed for the student who has completed the Algebra 2 course. Its purpose is to expose upper level mathematics students to college-level statistics. This course is an overview of statistics which covers descriptive statistics, probability, discrete probability distributions and normal probability distributions. Students are also introduced to statistical functions on the graphing calculators.

MUSIC DEPARTMENT

Performing Arts: Instrumental and Vocal Program of Study

Symphonic Band, Concert Choir, Sound Wave, Exploring Theater, Physics, Psychology

Concert Choir

Grade: 9-12

1.0 Credit (Four Terms – **Elective**)

Prerequisite: None

The Concert Choir is a performing ensemble which rehearses daily and is open to all students. Students will have weekly lessons which will cover a variety of musical skills including, vocal technique, rhythmic skills, sight singing, and music theory. The concert Choir sings music that represents various time periods and styles of music to explore how music has developed and changed over time. In addition to this, students learn basic vocal health care, and the mechanics of singing. The fall musical is a required performance for all choral ensemble members. **ATTENDANCE AT SCHEDULED PERFORMANCES AND MUSICAL ARE REQUIRED.**

Exploring Theatre I, II, III

Grade: 9-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: None

Exploring Theatre covers a wide range of topics and is designed for the student who enjoys being creative and thinking on their feet. Some of the most important skills employers are looking for today are the abilities to communicate effectively, be self-motivated, and work productively in a group setting. Through the use of group projects, set building and fun improvisational games and techniques, these skills are taught in Exploring Theatre. As you become more comfortable and confident with your acting, you can re-take this course up to 3 times. Each time you take it, course content will become more advanced to allowing you to fully explore your capabilities. Projects will include, but are not limited to: Set design and construction, stage lighting and sound, basic to advanced acting tools, monologue preparations, skit presentations, and writing, directing, and acting in original screenplays.

Sound Wave

Grade: 9-12

1.0 Credit (Four Terms – **Elective**)

Prerequisite: Audition or Prior Instructor Approval

Sound Wave is an auditioned performing ensemble, which rehearses daily. Students must be involved in a choral ensemble the year prior to auditioning for this ensemble, or have instructor approval to audition. Performances will include but are not limited to: Concerts, the Fall Musical, Solo and Ensemble, and various community functions. Students will learn performances techniques for various genres of music – Jazz, Pop, Swing, etc. The fall musical is a required performance for all choral ensemble members.. **ATTENDANCE AT SCHEDULED PERFORMANCES IS REQUIRED.**

Symphonic Band

Grade: 9-12

1.0 Credit (Four Terms – **Elective**)

Prerequisite: None

Symphonic Band is a performing ensemble that rehearses daily. The material covered is chosen to present members with a well-rounded experience in relation to history, style, and form of music. Students will have individual lessons each week which will cover lesson books, band music, and other aspects of performance music. Symphonic Band will represent our school as a marching band and pep band during fall and winter sport seasons. **ATTENDANCE AT SCHEDULED PERFORMANCES IS REQUIRED.**

PHYSICAL EDUCATION DEPARTMENT

Sports Science Program of Study

Health Promotion and Wellness, Introduction to Health Occupations, First Aid and Safety, General Anatomy and Physiology, Psychology, Performance Enhancement, Sociology, Statistics, Sports Officiating, Physics

Fit for Life

Grades 10 - 12

.5 Credit (One Term)

Recommended: Successful completion of Fit Freshmen

This course will have students exploring ways to enhance fitness levels while participating in a variety of activities and classroom lectures. Students will participate in health related fitness activities such as: step aerobics, inline skating, Swiss ball, resistance bands, fitness walking, Pilates, circuit training, and fitness gram. Participation levels established by the use of heart rate monitors and pedometers, activities in and outside of class, fitness and written assessments will determine grades. Students will also be required to design and implement their own personal fitness program.

Fit Freshmen

Grade: 9

.5 Credit (One Term)

Prerequisite: None

This course is required for all freshmen. Students will experience a variety of activities that will enhance personal fitness levels through physical movement. Emphasis will be placed on citizenship, sportsmanship, teamwork, development of basic skills, and improvement in fitness levels. Grading will be determined by participating in activities in and outside of school, individual fitness assessments, written and performance assessments.

Hand-Eye Fitness

Grade 11 - 12

.5 Credit (One Term)

Recommended: Successful completion of Fit Freshmen and Performance Enhancement or Fit for Life I

This course will focus on fitness by emphasizing activities that utilize hand-eye coordination while increasing heart rate. Students will participate in the following units: badminton, pickle ball, floor hockey, softball, lacrosse, tennis, table tennis, and Frisbee games. Health related fitness activities and fitness assessments, "Fitness Gram", will also be incorporated into this class. Grades will be determined by participation in activities in and outside of class, fitness assessments, written assessments, and classroom work.

Outdoor Pursuits

Grade 11 - 12

.5 Credit (One Term)

Recommended: Successful completion of Fit Freshmen and Performance Enhancement or Fit for Life I

This course will have students exploring ways to enhance fitness while participating in outdoor and indoor activities. The goal of this course is to improve skills and fitness levels while focusing on leadership, sportsmanship, and teamwork. Students will participate in orienteering, recreation games, archery, snow shoes, cross country skiing, fitness walking, team building, fitness activities, and fitness gram. Grades will be determined by participating in activities in and outside of school, fitness and written assessments and classroom assignments.

Performance Enhancement

Grade 10 - 12

.5 Credit (One Term)

Recommended: Successful completion of Fit Freshmen (Can be taken multiple times)

This course is designed for students who are interested in improving strength, speed, flexibility, agility, and managing their overall physical fitness levels. It is designed to teach the students the fundamentals of weight training and enhance fitness levels through lifting, agility workouts, plyometrics, speed, flexibility workouts, and lectures. Students will be graded on fitness assessments, program logs, daily activities in and out of class and written assessments. Leadership aspects will also be incorporated into this course.

SCIENCE DEPARTMENT

AP Biology

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Biology and recommendation of Biology Teacher

This course is designed to be the equivalent of a college introductory biology course to prepare students to be successful in their post-secondary educational plans. AP Biology is designed to be taken after successful completion of biology. The key concepts and related content that define the revised AP Biology course and exam are organized around a few underlying principles called the big ideas, which encompass the core scientific principles, theories and processes governing living organisms and biological systems.

Big Idea 1: Evolution

The process of evolution drives the diversity and unity of life.

Big Idea 2: Cellular Processes: Energy and Communication

Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.

Big Idea 3: Genetics and Information Transfer

Living systems store, retrieve, transmit, and respond to information essential to life processes.

Big Idea 4: Interactions

Biological systems interact, and these systems and their interactions possess complex properties.

Students who choose to take and who pass the AP examination at the conclusion of the course may be eligible for college credit.

Advanced Chemistry

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

4 college credits

Prerequisite: Chemistry

Advanced Chemistry class will be a more in depth study which builds on material developed in Chemistry. New topics will be introduced such as acid-base reactions, pH and pOH, oxidation and reduction equations, solutions, enthalpy, resonance, and energy diagrams. This course is offered to students who have successfully completed two terms of Chemistry.

Advanced Standing credit through Lakeshore Technical College

LTC Equivalent of 4 credits for General Chemistry. This requires completion of Chemistry and receiving a minimum of a 3.0 grade point on a 4.0 scale.

Biology

Grade: 10

1.0 Credit (Two Terms – **Required**)

Prerequisite: None

This is the study of living organisms. The course emphasizes the relationships between organisms and their environment. Both plants and animals are studied in order to understand their structure and function with laboratory sessions to further develop concepts that are introduced in class.

Chemistry

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

Recommendations: C or better in Algebra

Chemistry is the study of the interactions and changes in matter. Students will study topics such as Dimensional Analysis, Significant Figures, Atomic Structure, Electron Configurations, The Periodic Table, Periodic Trends, Chemical Formulas and Bonding, Chemical Reactions and Equations, Stoichiometry, Oxidation and Reduction, Gas Laws and States of Matter. Much of the learning will take place in the laboratory.

Earth Science

Grade: 9

1.0 Credit (Two Terms – **Required**)

Prerequisite: None

Students will study the four major branches of Earth Science. Geology is the study of the earth's origin, history, and structure. Meteorology is the study of weather and climate. Oceanography is the study of ocean features, life forms, and physical properties. Astronomy is the study of the Universe and objects within the Solar System. Many of the concepts are developed through laboratory experiments.

Physics

Grade: 11 - 12

1.0 Credit (Two Terms – **Elective**)

Recommendations: C or better in Algebra

Physics is the study of one and two dimensional motion. Some of the topics include forces, vectors, work, energy, momentum and Newton's three laws. Many of these topics are developed through different lab activities. Basic concepts in algebra are used to solve problems.

HEALTH SCIENCE DEPARTMENT

Health Science Program of Study

Health Promotion and Wellness, Introduction to Health Occupations, First Aid and Safety, AP Biology, Chemistry, General Anatomy and Physiology, Medical Terminology, CAPP Spanish, The Culture of Healthcare, Digital Literacy in Healthcare, Physics (if pursuing Physical Therapy/Kinesiology), Nursing Assistant, Psychology, Sociology, Chemistry, Statistics

Digital Literacy for Healthcare

Grade: 11-12

.5 credits **Elective** - online through LTC

Focuses on the use of technology in healthcare. Learners use common business software applications, including word processing, presentation, spreadsheet, and databases. Communication methods using technology are addressed. Learners gain experience with using the electronic health record (EHR). Healthcare EHR security issues, social media use, and digital healthcare resources are examined.

Start College Now through LTC

First Aid & Safety Training

Grade: 10-12

.5 Credit (One Term – **Elective**)

Students will gain the knowledge and skills necessary in an emergency to call for help, to keep someone alive, to reduce pain, and to minimize the consequences of injury or sudden illness until advanced help arrives. The course will include information on the prevention of injury and illness, with a focus on personal safety. Students will assess their environment and personal habits to help reduce their risk of injury and illness.

General Anatomy & Physiology

Grade: 11-12

1.0 Credit (Two Terms – **Elective**) ***Meets 3rd year science requirement***

Prerequisite: Biology & Recommendation of Biology Teacher

This course examines concepts of human anatomy (the structure of systems) and physiology (the function of systems). Using a body systems approach the course emphasizes the interrelationships between structure and function within the entire human body. Human Anatomy & Physiology is designed to be taken after the successful completion of biology. Through instruction and laboratory activities, this course will cover the essentials of human function at the level of genes, cells, tissues, organs, and organ systems. This course will enable students to apply basic concepts of whole body anatomy and physiology to informed decision making in their post-secondary plans and everyday life.

Advanced Standing credit through Lakeshore Technical College

Course Name through LTC: General Anatomy & Physiology, 4 LTC Credits

Health

.5 Credit (One Term – **Required**)

Prerequisite: None

This course deals with the individual, his/her environment and the influences they have on each other. It is structured to guide the student in making more intelligent decisions concerning his/her physical health. Students may have met this graduation credit in middle school.

The Culture of Healthcare

Grade 11-12

.5 credits - **Elective** - online through LTC

Culture of Health Care is an introduction to the culture of healthcare for students interested in working in various healthcare settings. Learners examine professionalism, interpersonal and written communication skills, problem-solving skills and patient privacy and confidentiality issues as they relate to healthcare.

Start College Now through LTC

Health Promotions & Wellness

Grade: 9-12

.5 Credit (One Term – **Elective**)

Next offered 2017-2018

Prerequisite: None

Students interested in pursuing careers in the health/medical field, human development/psychology, athletics/performance enhancement would be well suited taking this course to gain exposure into the physical and psychological components of wellness. The course provides an introduction to seven dimensions of wellness, career opportunities in wellness and occupational health and safety; skills and competencies required, content areas, areas of specialization, introduction to professional organizations and journals, facilitating behavior change and promotion of health care for active populations.

Introduction to Health Occupations

Grade: 11-12

.5 Credit (One Term – **Elective**)

Are you interested in a health related occupation as a career? Would you like to explore the growing field of health care? You can do so by exploring over 200 medical careers and match a career to your personal qualities. Major units of the course include an overview of health care facilities, personal health care qualities, legal responsibilities, and medical terminology. Field trips to hospitals, frequent health care professional speakers, and observations in the field of interest will be provided through this course. This course will give an opportunity to explore the different careers in the health field to those students who want to continue on after high school in a health occupation.

Medical Terminology

Grade: 11-12

1 Credit (Two Terms – **Elective**) *Meets 3rd year science requirement*

Suggested: Take Health Occupations or General Anatomy and Physiology

This course will focus on learning the prefixes, suffixes and root words associated with the field of medicine. Through this students will be able to identify the basic structure of medical terminology. This course will introduce students to the diagnostic, therapeutic and symptomatic terminology associated with each of the systems of the human body. Students will learn to relate medical terms to the structure and function of the human body.

Transcribed Credit through LTC

Course Name through LTC: Medical Terminology, 3 LTC Credits

Nursing Assistant

Grade 11-12 – *Must be 16 years old to take this course*

.75 Credits (**Elective**)

Nursing assistants play an important role in basic patient/resident care activities in hospitals, nursing homes, and other healthcare settings, including home healthcare. If you're a good communicator, compassionate, and interested in caring for people, becoming a nursing assistant may be a rewarding career choice for you.

SOCIAL STUDIES DEPARTMENT

Government and Public Administration Program of Study

Microsoft Office I, Customer Service Techniques, World Geography, AP Human Geography, AP Government, Psychology, Sociology, Leadership and Professionalism, CAPP Communications, CAPP Spanish, Written Communications, Statistics

Human Services Program of Study

Microsoft Office, Customer Service Techniques, Health Promotion and Wellness, Parent and Child, World Geography, Leadership and Professionalism, Psychology, Sociology, CAPP Communications, Chemistry, CAPP Spanish

Law and Public Safety Program of Study

Customer Service Techniques, Health Promotion and Wellness, Parent and Child, Microsoft Office I, World Geography, First Aid and Safety, Psychology, Sociology, AP Government, Written Communications, CAPP Communications, Chemistry, CAPP Spanish, Leadership and Professionalism, Physics

AP Government and Politics (US)

Grade 11-12

.5 credit (1 term- **Elective**) **Can be taken in place of Government or as an elective**

AP Government course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality.

AP World History

Grade 9-12

1.0 Credit (Two Terms) **Can be taken to replace World History or as an elective**

The AP World History course content is structured around the investigation of five course themes and 19 key concepts in six different chronological periods, from approximately 8000 B.C.E. to the present. The framework of the class defines a set of shared historical thinking skills and develops students' capacity and ability to think and reason in a deeper, more systematic way, better preparing them for subsequent college course.

AP United States History

Grade: 10-12

1 Credit (**Can be taken to replace US History or as an elective**)

Prerequisite: B or better in World History or teacher approval

This course will provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US history. The class rigorously prepares students for intermediate and advanced college level courses by making demands upon them equivalent to those college level courses. Students will learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance; in addition students will be able to weigh the evidence and interpretations presented in learning US historical situations, person, events, and issues both past and present. Students will also develop the skills necessary to arrive at conclusions on the basis of an informed judgment and present reasons and evidence clearly and persuasively within essay format. Lastly, students will be trained to analyze and interpret primary and secondary sources (maps, statistical tables, pictorial, and graphic evidence of historical events, etc.)

Current Events

Grade: 9-12

.5 Credit (One Term – **Elective**)

***Can be taken twice within high school career. ***

Prerequisite: None

The main objective is to develop an interest in events taking place in our contemporary world and will emphasize interpretation of perspective, and visual/graphic information, etc. Students will be encouraged to follow a variety of newsgathering media in order to obtain the information. They will also be required to assess and evaluate news events that will impact their personal lives, their family, American society and governmental structures around the world. Through the use of electronic media, newsprint, and class presentations, students will realize the impact of contemporary events on their everyday world.

Financial Literacy

Grade: 12

.5 Credit (One Term – **Required**)

In this semester course students examine current issues facing our economy and the historical background and theory behind these issues. Our national economy is the primary focus, but other world economic issues and concepts will be explored. Topics students will learn about will include: supply and demand, banking, government involvement in the economy, the money supply, interest rates, taxes, the stock market, inflation, unemployment and the Federal Reserve System. Students will use current events information and a variety of other resources to better understand and make decisions in our economy.

Government

Grade: 11

.5 Credit (One Term – **Required**)

The welfare of our nation depends on informed, responsible citizens. As citizens in a time of rapid change and complexity, students will learn how to obtain factual information, how to think about problems, and how to act in the best interests of our democracy. This course will be an in-depth study of the United States Government and the Constitution. Emphasis will also be placed on state and local governments,

Psychology

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

In this elective course, students will study basic human behavior. Major topics students will learn about include: the science of psychology, the principles and applications of learning, memory and the thought process, sensation and perception, altered states of consciousness, the human life span, mental illness and therapy, and personality development. This course will give students a better understanding of why people behave the way they do and will help students to be more aware of themselves and human behavior.

Sociology

Grade: 10-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

Contemporary Social Issues will have the goal of understanding human social life and its development over time. We will examine the connections between culture, social institutions, and individual personalities. Particular attention will be paid to racial and ethnic groups in the United States and their evolution over time. Groups to be studied: Native Americans, African Americans, Hispanic Americans, Mexican Americans, Asian Americans and Jewish Americans. Finally, a discussion of broad societal issues such as family, sports, social class, group dynamics, and racism/prejudice will be included as aspects of a growing industrial society.

US History

Grade: 10

1.0 Credit (Two Terms – **Required**)

This course examines historical events of the United States in chronological order from 1492 to the present in the context of themes such as “the American Dream,” “Science and Technology,” “Cultural Diversity,” “Constitutional Concerns,” “Democracy,” and “Immigration and Migration.” Skills such as analyzing and interpreting sources, identifying cause and effect, and evaluating conclusions will be developed as part of our study.

US History 11

Grade: 11

.5 Credit (One Term – **Required**)

This course examines historical events of the United States in chronological order from the Cold War through the present. During this semester students will study the impact of the cold War on American and the worlds. Students will trace the rise and fall of the Cold War and study the impacts this has on the world they live in today.

World Geography

Grade 9-12

.5 Credit (One Term – Elective)

Can be also taken online through the social studies department if needed

The World and You Geography course familiarizes students with the world using the five geographic themes by taking an interactive approach to discovering the world around them. Students will develop and use 21st century skills to gain knowledge about locations, places, human/environmental interactions, movements, and regions. In addition, students will compare and contrast these themes across all continents to provide students a well-rounded understanding of the world they live in. Students will discover that this course is connected and applicable with multiple career paths.

World History

Grade: 9

1.0 Credit (Two Terms – **Required**)

Prerequisite: None

The study of Modern World History is designed to assist students in understanding the world around them as citizens of an ever-increasingly global society. World History examines major eras in world history from 1500 AD to today. The seven social studies (geography, history, anthropology, political science, psychology, sociology, and economics) as well as World History themes (religious and ethical systems, interaction with the environment, cultural interaction, empire building, power and authority, economics, revolution, and science and technology) will be utilized to incorporate information into one’s understanding.

TECHNICAL EDUCATION DEPARTMENT

It is recommended that Manufacturing be taken before a student takes advanced courses. **TECHNICAL EDUCATION COURSES WILL HAVE REQUIRED PROJECTS WITH COSTS INVOLVED. SPECIFIC PROJECTS AND THEIR COSTS WILL BE OUTLINED AT THE BEGINNING OF THE COURSE.**

Construction Program of Study

General Woodworking, Advanced Woodworking, Drafting, Drawing, Home Repair and Construction, Electricity, First Aid and Safety, Spanish, Statistics, Chemistry, Psychology

Engineering and Technology Program of Study

Microsoft Office I, Drafting, Drawing, Solid Works, Engineering Applications, Electricity, Pre-Calculus, Calculus, Calculus II, Physics, Chemistry, Statistics and World Geography

Manufacturing Program of Study

Introduction to Manufacturing, Microsoft Office I, Drafting, Machine Tool, Welding, Industrial Print Reading, Metals Manufacturing, CNC Machining and Turning, Engineering Applications, Pre-Calculus, Statistics, Psychology

Transportation and Logistics Program of Study

Power and Ag Mechanics, Electricity, Engineering Applications, Intro to Business, Microsoft Office I, Accounting, Customer Service Techniques, World Geography, Accounting, Mishicot Enterprise, Pre-Calculus, Chemistry, Calculus, Physics

Advanced Woodworking

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: General Woodworking/Hand Tool

In Advanced Woodworking, new techniques will be introduced in the advanced projects that are built. Emphasis will be placed on cabinetmaking and casework techniques, along with fine finishing details such as inlays, dovetails, exotic woods, and other advanced techniques. A large scale, independent designed project will be built in this class with the advanced techniques learned. Woodworking related careers will also be explored. Successful completion of a previous woodworking course is strongly recommended.

CNC Machining and Turning

Grade 11-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Machine Tool

In this course students will build on the fundamentals learned in the Machine Tool class. Students will explore the world of Computer Numerical Control (CNC), the systems used in modern machine tools. Students will learn how to design parts using computer aided design software, program using G and M code, set-up for various machine operations and safely run both the CNC lathe and the CNC mill. In the end students will have some cool projects to take with them to show the skills they have learned.

Drafting

Grade: 9-12

.5 Credit (One Term – **Elective**)

Prerequisite: None

This course introduces two and three-dimensional drafting principles. Students will use hand drafting tools and techniques so they can gain a better understanding of how the computer aided design programs function. Students will learn to read multi-view drawings and measure to scale. Students will learn to quickly and accurately sketch items using Google Sketch-Up, and to convert those sketches to complex three-dimensional models using Solid Works. Students will design and model a variety of objects all while gaining a better understanding of the power of computers as a useful design and engineering tool. Students will have the opportunity to use Soft Plan to investigate architectural design, and learn basic construction sequence.

Electricity

Grade: 10-12

.5 Credit (One Term – **Elective**)

This course offers students a unique opportunity to explore the world of electricity and electronics. Electricity and electronics play an important role in our everyday lives. Students who take this course will learn the basics of electrical safety, electrical components and their functions, tools, measurement instruments, and basic electrical circuits. These concepts will be learned through their applications in simple devices and will include simple “make and take” projects.

Engineering Applications

Grade: 10-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Students must have passed a High School Technology Education course with a minimum of a C OR instructor approval to take this course.

Course can be taken two times

Is engineering in your future? Have you ever wanted to build a high mileage vehicle, or have an idea to make the world a better and more functional place to live? The Engineering Applications course will take you through the design, problem solving, and a project build from paper to final project. This 1 credit course is meant to take students through various types of engineering type of problems and **BUILD** solutions. Students will have the opportunity to take this course multiple times to further build upon their engineering skills.

General Woodworking

Grade: 9-12

1.0 Credit (Two Terms – **Elective**)

Students will learn hand and machine woodworking operations. Fabrication from blueprints is done with emphasis on all solid lumber construction techniques. Wood identification and simple joinery are taught. Processes in faceplate and spindle lathe turning, lamination bending, wood burning design, and plastic laminate work are explored as well as finishing classifications.

Home Repair & Construction

Grade: 9-12

1.0 Credit (Two Terms – **Elective**)

Recommended: Woodworking class

If you ever plan on living in a house, or owning your own home someday, then this is a great class for you! All phases of building a new home will be practiced by students. From subfloor to roof, students will be building their own full scale home section. Rough framing, finishing, doors and windows, flooring, trim, roofing, siding, and basic electrical and plumbing will all be covered and done in this class. This class is meant for the student who is eager to learn new construction techniques and also sharpen their own construction skills. Construction careers will also be emphasized with this class.

Introduction to Manufacturing

Grade: 9 – 12

.5 Credit (One Term – **Elective**)

Can take this class multiple times

Work Based Learning

This class will teach you about different materials and how we process them to create technologies that will increase our human potential. During this class, you will be studying the properties of materials such as hardwood, softwood, polycarbonate, acrylic, etc. and why they fit into the categories. This class will concentrate on developing your ability to accurately choose the proper material for the given application and manipulate it for the given function. Class activities will include studying statistical process control, building jigs and fixtures, setting up the assembly line, automation, production, assembly, creating and testing packages, designing advertising, etc. This course will be fabricating products for Mishicot Enterprises utilizing the FAB lab equipment; epilog laser engravers, 3D printers, and CNC Mill, in addition to the equipment in the metals and wood shop.

Industrial Print Reading

Grade: 10 - 12

.5 Credit (One Term – **Elective**)

This course will prepare the learner to read prints; make isometric sketches; interpret orthographic projection drawings to include sections, auxiliary views, threads, fasteners, surface finishes, geometric dimensions, tolerances, assembly prints, and to solve problems in metal trades, fabrication, and trouble shooting.

Industrial Wiring

Grade: 10 – 12

.5 Credit (One Term – **Elective**)

Prepares the learner to follow safety procedures; maintain a safe and healthy work environment; construct electrical circuits; measure electrical quantities using a VOM and/or DVM; analyze measured values using electrical circuit laws; construct typical industrial control circuits; and analyze typical industrial control circuits.

Machine Tool

Grade: 10-12

.5 Credit (One Term – **Elective**)

Students will be exploring the Machine Tool field. They will learn to read and interpret drawings, how to effectively layout projects using precision measuring tools. They will be learning how to safely operate Drilling machines, Metal Lathes, Milling Machines, and horizontal and vertical band saws while creating a variety of different projects.

Metals Manufacturing

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Welding

In this class students will expand on the knowledge gained from the Welding and Machine Tool classes. Some new machines or processes you will encounter are the CNC Plasma cutter, which creates decorative designs, sheet metal fabrication and the TIG welding process. You will be expected to create and read blueprints that will help you fabricate personal projects, along with projects such as can crushers, shepherd hooks and small toolbox.

Power & Agriculture Mechanics

Grade 9-12

.5 Credit (One Term – **Elective**)

This course is a ½ credit course that is separated into two parts. Part 1 of the course provides an introduction into the principles and operation of small engines as well as automotive engines. Energy sources, controlling and measuring it, as well as alternative energy sources will be studied. The operating principles of the internal four stroke engine will be covered, as well as cooling, lubrication, and ignition systems. Troubleshooting analysis will be done on small engines. Part II of the course focuses on the basic fundamentals of Agriculture Mechanics as it relates to modern agriculture industry practices and techniques. Emphasis will be made towards establishing safe, hazard free learning environments. Employability skills will be fostered through a variety of methods including but not limited to, hands-on applications, collaborative projects, student presentations, research inquiries, and guest speakers. Organization skills as well as record keeping will be emphasized through the in-class binder portfolio and SAE Record Book.

Solid Works

Grade 10 -12

.5 credit (one term – **Elective**)

Prerequisite: Drafting

This course takes a deeper look at the SolidWorks modeling software. Students will learn to create and manipulate lofted and surface component parts, create and manipulate sheet metal parts, manipulate configurations, create assemblies, and create dimensioned orthographic drawings using SolidWorks software. Course content includes lofting, sweeping complex contours, surfaces, basic sheet metal commands, forming tools, sheet metal drawings, designing sheet metal parts in the flat state, and top-down sheet metal assemblies.

Welding

Grade: 9-12

.5 Credit (One Term – **Elective**)

In this class students will explore the world of welding including welding careers and safety practices. They will create different projects using various welding processes. Instruction on various types of welding equipment and processes, basic welding gases, fluxes, rods, electrodes, symbols, and blueprints. In addition to welding students will be instructed in the safe operation of the Oxy/fuel cutting and plasma cutting processes.

Transcripted agreement through Lakeshore Technical College

WORLD LANGUAGES DEPARTMENT

Spanish I

Grade: 9-12

1.0 Credit (Two Terms – **Elective**)

Spanish I is the introduction to the Spanish language and the ability to communicate by using the language. Vocabulary development and grammatical skills are introduced, supported, and instructed through cultural aspects of the Spanish-speaking world.

Spanish II

Grade: 9-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Spanish I and Consent of Instructor

Building on the framework of Spanish I, emphasis is placed on the usage and creativity of previously learned material as new skills and content are added. At the end of this level, students should be able to function at a basic level in a living situation using the language.

Spanish III

Grade: 10-12

1.0 Credit (Two Terms – **Elective**)

Prerequisite: Spanish II and Consent of Instructor

A continuation of the previous two levels, greater emphasis is placed on comprehension and speaking while introducing new grammatical structures, vocabulary, and readings. Student projects and presentations are focused on developing effective communication skills in the Spanish language. If your goal is to one day communicate in Spanish, this is the class that will begin to help you reach that goal by using your language skills.

Spanish IV – CAPP Spanish

Grade: 11-12

1.0 Credit (Two Terms – **Elective**)

Prerequisites for Spanish IV: Completion of Spanish I-III

Prerequisites to earn CAPP Spanish credits: Completion of Spanish III with a B- or higher and meet at least one of the following criteria:

- You are in the upper 25th percentile of your class
- You have a GPA of at least 3.25 on a 4.0 point scale
- You have an ACT score of 24 or above and are in the upper 50th percentile of your class

This is a two term Spanish course taught in high school in which students have an option to earn college credit through the Cooperative Academic Partnership Program from UW-Oshkosh. **The coursework for Spanish IV – CAPP Spanish is identical; it is the same class.** Students will develop advanced intermediate conversational, reading, and writing skills through Spanish and Latin American literature and related materials. The class will be conducted in Spanish with the expectation that the students will challenge themselves to conduct all communication in the target language. The course will include an intensive grammar review, selections of short stories, a review and enrichment of vocabulary, and an analysis of a variety of cultural aspects. Five (5) university credits are available through this course through a reduced tuition fee if so desired. **Students choosing to take this course for college credit are responsible for the cost of tuition.**

SCHOOL-TO-WORK PROGRAM

The School-to-Work program is designed to help students make a smoother transition from the world of school to the world of work. The goal of this program is to provide training and educational opportunities in leadership and employability skills as well as give students the chance to explore their careers in business settings. **These courses are a privilege.** Students are required to maintain passing grades in all of their classes to be able to participate in these programs. Some of the courses are pass/fail. Please contact the school counselor or school-to-work coordinator to see if you qualify.

School-Supervised Work Experience

Grade: 11-12

.5 Credit/term (Up to Four Terms/per year – **Elective**)

Applications available in Student Services

This course consists of a set of planned educational experiences supervised by licensed school personnel and designed to enable learners to acquire attitudes, skills, and knowledge for work and other life roles through participating in actual or simulated work settings related to in-school instructional programs. This type of work experience can either be a paid experience or voluntary.

Youth Apprenticeship

Grade: 11-12

1.0 Credit/term (Up to Four Terms – **Elective**)

Prerequisite: Junior or Senior Status

Youth Apprenticeship is an intensive one- or two-year program which combines class work with work-based learning in a business or industry. Students who achieve the industry competencies earn a certificate of proficiency along with their high school diploma. The student's hands-on learning at the job site is combined with classroom instruction (either at the technical school or high school level) to help students make the connection between school and the world of work.

Students can apply for the Youth Apprentice program in February of their Sophomore or Junior year. After an initial job application review, applicants will be interviewed by employers and employment decisions will be made at that time. Currently the following programs are offered through the apprenticeship programs.

Get a jump start on your career while attending High School: Accounting, Agriculture – Agriculture Mechanic, Auto Technician, Banking, Carpentry, Certified Nursing Assistant, Dental Assistant, Diesel Technician, Engineering, Hospitality, HVAC, Industrial Maintenance, Information Technology, Insurance, Machining, Masonry, Plumbing, Sales and Marketing, Veterinary Technician, Welding

See Ms. Andre if you are interested in participating in Youth Apprenticeship. Info meeting will be held **2/11/19 from 7:00 to 8:30 PM** in the Lincoln High School Auditorium.

COLLEGE CREDITS IN HIGH SCHOOL

Early College Credit

The Early College Credit Program allows Wisconsin public and private high school students to take one or more courses at an institution of higher education for high school and/or college credit. Under this section, “institution of higher education” means an institution within the University of Wisconsin System, a tribally controlled college, or a private, nonprofit institution of higher education located in the state.

Start College Now

Start College Now is an opportunity for high school students to take college-level classes. While enrolled, students earn both high school and college credit. Credits may be applied toward a degree at Lakeshore Technical College or some other Wisconsin Colleges.

Dual Credit/CAPP courses.

These courses are offered at MHS and taught by a MHS faculty member. If the student chooses to take the course for college credit through UW-Oshkosh, the student is responsible for paying the reduced course tuition at approximately \$100 per credit. The grades earned in the HS course will be the grade recorded on the college transcript. The college or university reserves the right to determine how and if the credits will be accepted.

College Credit Courses from UW-Oshkosh

High School Class Name	College Class Name
Pre Calculus	Pre Calculus Mathematics Department Course number 108 5 credits
Calculus	Calculus I Mathematics Department Course number 171 4 credits
CAPP Communications	Fundamentals of Speech Communications Communications Department Course number 111 3 credits
CAPP Spanish	Spanish: Intermediate Structure and Expression II Spanish Department Course number 204 5 Credits
Honors English	College English 1 English Department Course number 101 3 Credits British Literature I English Department Course number 211 3 Credits

College Credit Courses from LTC:

Transcripted credits

Transcripted credits are courses taught by MHS teachers for dual credits through LTC. The grade you earn in the HS course will be the grade recorded on your college transcript. These credits may transfer to 4 year colleges. The college or university reserves the right to determine how and if the credits will be accepted. These courses are offered free of charge.

High School Class Name	College Class Name
College Mathematics	College Mathematics Mathematics Department Course number 10804107 3 Credits
Customer Service Techniques	Customer Service Techniques Business Department Course number 10104109 2 Credits
Leadership and Professionalism	Leadership and Professionalism Business Department Course number 10104128 3 Credits
Medical Terminology	Medical Terminology Health Department Course number 10501101 3 Credits
Microsoft Office I	Word Level I Business Department Course number 10103181 1 credit Excel Level I Business Department Course number 10103115 1 credit Power Point Level I Business Department Course number 10103134 1 credit Access Level I Business Department Course number 10103101 1 credit
Welding	Welding Advanced Manufacturing Course number 31442300 1 credit

Advanced Standing Courses

These are courses where we have an agreement with Lakeshore Technical College that allows students who receive a B or better in the class at MHS to earn credits at LTC. Students who are in programs that require these classes will not have to take them at LTC. These classes may be transferable to other technical colleges but not to universities. Upon successful completion of the class at MHS you will be awarded a certificate. You must keep this certificate if you want to have these classes articulated—this is your proof of completion. There is no LTC transcript for these classes.

High School Class Name	College Class Name and Credits
Accounting	Accounting I Business Department Course number 10101111 4 credits
Advanced Chemistry	General Chemistry General Education Department Course number 10806177 4 credits
General Anatomy & Physiology	General Anatomy & Physiology General Education Department Course number 10806177 4 Credits
Leadership and Professionalism (w/ Ms. Brossard)	Leadership and Professionalism Business Department Course number 10104128 3 Credits
Math with Business Applications	Math with Business Applications Business Department Course number 10804123 3 credits
Marketing	Principles of Marketing Business Department Course number 10104102 3 credits
Microsoft Office Level 2	Word Level II Business Department Course number 10103182 1 credit Excel Level II Business Department Course number 10103132 1 credit Power Point Level II Business Department Course number 10103135 1 credit
Research & Inquiry	Speech General Education Department Course number 10801198 3 Credits

Principles of Sustainability	Principles of Sustainability General Education Department Course number 10806112 3 credits
Programming II	Programming II Business Department Course number 10152121 3 Credits
Web Development I	Web Development I Business Department Course number 10152196 3 Credits
Web Development II	Web Development II Business Department Course number 10152199 4 Credits
Written Communication	Written Communications General Education Department Course number 10801195 3 Credits

College Credit Courses via Fox Valley Technical College:

Transcripted credits

Transcripted credits are courses taught by MHS teachers for dual credits through FVTC. The grade you earn in the HS course will be the grade recorded on your college transcript. These credits may transfer to 4 year colleges. The college or university reserves the right to determine how and if the credits will be accepted. These courses are offered free of charge.

Large Animal Science	Animal Science Fundamentals Agriculture Department Course number 10006140 3 credits
Intro to Horticulture	Intro to Horticulture Agriculture Department Course number 1001110 3 Credits

AP Courses/Tests

These are courses that are of a college level nature. However, credits are determined by how you place on the AP exam taken in May. Every college and every major at every college have different scores that are needed in order to award credit. Generally, students need scores of 3 or higher for them to count towards any type of college credit. The AP courses are taught by highly qualified high school teachers who use the *AP Course Descriptions* to guide them. The AP Examinations are administered each year in May and represent the culmination of college-level work in a given discipline in a secondary school setting. Rigorously developed by committees of college and AP high school faculty, the AP Exams test students' ability to perform at a college level. Any student has the right to take any AP exam. Students interested in taking an AP exam for a course they have not taken in the AP format should discuss this option with the faculty in that department area several months prior to get additional course materials and study materials needed to meet the rigor of the exam requirements.

AP Tests available to take are: (bolded indicates an AP course is available at MHS)

Art History

Biology

Calculus AB

Calculus BC

Chemistry

Chinese Language and Culture

Computer Science A

English Language and Composition

English Literature and Composition

Environmental Science

French Language

German Language

Government and Politics: Comparative

Government and Politics: United States

Human Geography

Italian Language and Culture

Japanese Language and Culture

Latin: Vergil

Macroeconomics

Microeconomics

Music Theory

Psychology

Physics B

Physics C: Electricity and Magnetism

Physics C: Mechanics

Spanish Language

Spanish Literature

Statistics

Studio Art: 2D Design

Studio Art: 3D Design

US History

World History

Non-Discrimination Notice

The School District of Mishicot does not discriminate on the basis of any characteristic protected under State or Federal law including, but not limited to, gender, race, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, or physical, mental, emotional, or learning disability in any of its student programs and activities. Specific complaints of alleged discrimination in any of the areas noted above should be referred to: Coordinator of Alternative Services, 660 Washington Street, Mishicot, WI 54228 (1-920-755-4633). Complaints may be filed with the Office for Civil Rights –Region V, 300 South WackerDrive, Chicago IL 60601

