

**High School Course Description Guide
2019-2020**



Wayne-Westland
COMMUNITY SCHOOLS

Mission Statement

The Wayne Westland Community Schools, in cooperation with parents and community, will educate and prepare all of our students to be knowledgeable, responsible, contributing members of a global society.

Wayne-Westland Community Schools

Shelley Holt Ed.D., Superintendent

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MINIMUM GRADUATION REQUIREMENTS
Classes of 2019-2022

ENGLISH LANGUAGE ARTS – 4 credits

Must include credits in:

English 9 (1cr.)
English 10 (1cr.)
English 11 (1cr.)
English 12 (1cr.)

SOCIAL STUDIES– 3 credits

Must include credits in:

Civics (½ cr.)
Economics (½ cr.)
World History & Geography (1cr.)
U.S. History & Geography (1cr.)

SCIENCE – 3 credits

Must include credits in:

Biology (1cr.)
Chemistry (1cr.)
Physics (1cr.)

PHYSICAL EDUCATION/HEALTH –1 credit

Health can be taken in PE (P6100) (½ cr.) or Life Skills (H6350) (½ cr.)
PE requirement can be met by taking Personal Fitness (P5055) (½ cr.)

MATHEMATICS – 4 credits

Credit must be taken in last year of high school

Must include credits in:

Algebra 1 (1cr.)
Geometry (1cr.)

AND Algebra 2 (1 cr. over two semesters) plus one credit in a math elective **OR** math related course in last year of high school, **OR** Embedded Algebra 2 with specific Career Tech courses

***WORLD LANGUAGE (required for all classes 2016 and after)- 2 credits in the same language**

VISUAL, PERFORMING OR APPLIED ARTS (or approved course for VPAA credit) – 1 credit

OTHER ELECTIVES - 4 credits

22 CREDITS REQUIRED FOR GRADUATION

**** Personal Curriculum**

In certain situations, parents may request a personal curriculum based upon Michigan Department of Education guidelines. This personal curriculum allows for some modification of a student's subject area requirements for graduation. These modifications include requesting that classes in Social Studies (not Civics), PE, Health, Visual and Applied Arts can be substituted for additional credits beyond the required credits in English Language Arts, Math, Science, or World Languages. Contact your counselor for more information.

***** Testing Out**

Students may earn credit in any course by testing out and demonstrating mastery of the content in the course. The assessment used may be a final exam or a combination of assessments used to measure student learning of the course content expectations. A grade of C+ or higher will demonstrate mastery and credit will be granted but will not count towards grade point average. NOTE: Students MAY NOT test out of a Career-Tech course.

COURSES THAT QUALIFY FOR MATH-RELATED CREDIT

The following courses may qualify for math-related credit in the student's final year.

Traditional High School Courses

Any course in mathematics area	Finance and Investment Skills I
Consumer Education	Finance and Investment Skills II
Chemistry*	Accounting/ Computing I
Accelerated Chemistry*	Accounting/ Computing II
Advanced Placement Chemistry*	Accounting/ Computing III
Physics*	Accounting/ Computing IV
Accelerated Physics*	Dual Enrollment/Direct College

*Denotes these courses can only count for math-related credit IF they are not used as Science credit for the Michigan Merit Curriculum (MMC).

Career-Technical Courses

All Career-Technical Courses qualify for 4th year Math related credit

COURSES THAT QUALIFY FOR VISUAL, PERFORMING, OR APPLIED ARTS (VPAA) CREDIT

The following courses may qualify for VPAA credit at any point in student's high school course selection.

Traditional High School Courses

Any course that is listed in the Fine Arts	Basic Sewing	JROTC Course 1
Automotive Technology I	Drama I	Marketing I
Automotive Technology II	Drama 2	Nutrition and Foods
BST/Software Applications I	BST/Software Appl. II	Intro to CADD
Newspaper	Yearbook	
Any Dual Enrollment/Direct College course taken for high school credit		

Career-Technical Courses

All Career-Technical Courses qualify for VPAA credit

Diploma Requirements

Students who meet all Board of Education requirements as of June their senior year will receive a district high school diploma. The student must attend a district high school both semesters of his/her senior year and must earn at least 22 credits in grades 9-12 or, earn at least 19 credits from a district high school before moving to another district and completing our graduation requirements. If the graduation requirements are not met in the allotted four (4) years, students may complete their high school credits through the Wayne-Westland Adult Education Program.

Grade Classifications

9th Grade status - 0-4.5 credits

10th Grade status - 5-9.5 credits and at least 2 completed semesters at high school

11th Grade status - 10-14.5 credits and at least 4 completed semesters at high school

12th Grade status - 15 or more credits and at least 6 completed semesters at high school

Honors

A senior who has met all of the Wayne-Westland graduation requirements will be issued a high school diploma. The following is a list of the types of Honors awarded by Wayne-Westland Schools to represent the various levels of academic achievement.

Cumulative G.P.A. Honors Awards

3.0 - 3.29	Honors
3.3 - 3.59	Cum Laude
3.6 - 3.79 ..	Magna Cum Laude
3.8 - 4.0	Summa Cum Laude

NCAA Freshman – Eligibility Standard Quick Reference Sheet

NCAA initial-eligibility rules

If you plan to participate in any Division I or Division II college or university athletic programs, please read this information carefully. Students should indicate their desire to participate in NCAA athletics on their course selection sheet.

Core Courses

NCAA Division I requires 16 core courses. Ten core courses must be completed before the start of your senior year. Seven of the ten must be in English, math, or natural/physical science.

Test Scores

Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on the next page.

Division II requires a minimum SAT score requirement of 820 or an ACT sum score of 68.

The **SAT** score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.

The **ACT** score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade-Point Average

Only core courses are used in the calculation of the grade-point average.

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's

Website to make certain that courses being taken have been approved as core courses. The Website is

Division I- GPA required to receive athletics aid and practice **on or after August 1, 2016**, should use the sliding scale on the next page. GPA

Division II grade-point-average requirement is a minimum of 2.000.

Division I

16 Core-Course Rule

4 years of English
3 years of mathematics (Algebra 1 or higher)
2 years of natural/physical science (1 year of lab if offered by high school)
1 year of additional English, mathematics or natural/physical science
2 years social science
4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy)

Division II

16 Core-Course Rule

3 years of English
2 years of mathematics (Algebra 1 or higher)
2 years of natural/physical science (1 year of lab if offered by high school)
3 years of additional English, mathematics or natural/physical science
2 years social science
4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy)

**DIVISION I
CORE GRADE-POINT AVERAGE
TEXT-SCORE SLIDING SCALE
NEW CORE GPA/TEST SCORE
INDEX**

CORE GPA	SAT	ACT
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59

CORE GPA	SAT	ACT
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

The **SAT** score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used. The **ACT** score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.

NAIA Eligibility

NAIA Eligibility Center at PlayNAIA.org determines eligibility of all first-time NAIA student-athletes

The NAIA Eligibility Center, at **PlayNAIA.org**, is responsible for determining the NAIA eligibility of first-time student-athletes. Students must have their eligibility determined by the NAIA Eligibility Center, and all NAIA schools are bound by the center's decisions.

Every student interested in playing sports at NAIA colleges for the first time needs to register online with the NAIA Eligibility Center. This applies to high school seniors and transfers from both two- and four-year colleges.

What information will I need to provide? You'll create a personal profile with the basic facts about your academic history and sports participation to date.

- You'll need your current contact information, previous residences and addresses, high schools attended and history of your sports participation during and after high school graduation.
- When you register for the ACT or SAT, include the NAIA Eligibility Center (9876) on the list of places test scores should be sent.
- Ask your high school counselors to send the NAIA Eligibility Center a final official transcript that verifies high school graduation, class rank and cumulative grade point average

Do I meet the freshman eligibility requirements?

If you will graduate from a U.S. high school this spring and enroll in college this coming fall, the requirements are simple. An entering freshman must:

- Be a graduate of an accredited high school or be accepted as a regular student in good standing as defined by the enrolling institution and
- Meet **two of the three** following requirements. If as an entering freshman you do not meet at least two of the three standards, you cannot participate in athletics for the first full year of attendance (2 semesters, 3 quarters, or equivalent).

MUST MEET TWO OF THE THREE

1. **TEST SCORE REQUIREMENT** – Achieve a minimum of 18 on the ACT or 860 on the SAT.
2. **HIGH SCHOOL GPA REQUIREMENT** – Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale.
3. **CLASS RANK REQUIREMENT** – Graduate in the top half of your high school class.

Do I need to register with the NAIA Eligibility Center if I'm registering with the NCAA?

Determining if you meet eligibility requirements for NAIA eligibility is separate from NCAA eligibility certification. The NAIA and NCAA are two separate associations, with two different sets of rules and certification processes.

NAIA Eligibility Center

Phone: 816-595-8300

Toll free: 866-881-6242

Email: ecinfo@naia.org

Hours: Monday-Friday, 8:30 am to 5 pm Central

Transcripts & Fee Waiver Confirmations

NAIA Eligibility Center

P.O. Box 15340

Kansas City, MO 64106

-BUSINESS EDUCATION CURRICULUM-

What Business Education can do for you . . .

- ✓ Develop personal business skills needed by all consumers
- ✓ Provide two educational options in one—college preparation and job preparation
- ✓ Offer yourself a path to success
- ✓ Help acquire lifelong skills and habits to apply to any career
- ✓ Broaden your lifelong career and educational options
- ✓ Help pay for college
- ✓ Expand career interests before going to college or employment
- ✓ Provide opportunities to apply academic content
- ✓ Enhance communication and social skills

The mission of Business Education is to provide instruction for and about Business. The business curriculum prepares students to become contributing citizens who are capable of making personal economic decisions. In addition, business courses play a prominent role in developing the knowledge, skills, and attitudes necessary for students to succeed in a global work force. Further, Business Education courses provide the skills for students to successfully complete college programs in one of several business areas. Whatever the individual purpose, no student can function in today's society and escape the need for the lifelong lessons that are taught in the Business Education curriculum.

Grades 9-12

*Accounting/Computing I
*Accounting/Computing II
**Marketing I
Marketing II
Business and Personal Law for the Young Adult I
Business and Personal Law for the Young Adult II
**BST/Software Applications I
**BST/Software Applications II

Grades 10-12

*Accounting/Computing III
*Accounting/Computing IV
Marketing III
Marketing IV
*Finance and Investment Skills I
*Finance and Investment Skills II
Sports and Entertainment Marketing

***CLASSES THAT QUALIFY FOR 4TH YEAR MATH RELATED CREDIT.**

****CLASSES THAT QUALIFY FOR VPAA CREDIT**

B5010 Finance and Investment Skills I*

Grade 10-12

1 sem. 1/2 cr.

This course will focus on the student's role as a citizen, student, family member, consumer, and active participant in the business world. The student will learn about various financial responsibilities and explore opportunities for self-awareness, expression, and satisfaction in a highly technical and competitive society. This course will investigate concepts to assist students in making good personal financial decisions. Students will use various methods such as essays, discussion, simulations, and projects to apply their knowledge.

This class qualifies as a math related credit in student's final year.

B5020 Finance and Investment Skills II* Grade 10-12 1 sem. 1/2 cr.

Recommendation: Successful completion of Finance and Investment Skills I

Personal Finance II is a semester course designed to increase the students' knowledge gained in Personal Finance I. Students will understand the impact of individual choices on occupational goals and future earnings potential. Students will evaluate and understand all insurance options; investigate savings options, which include mutual funds, savings bonds, certificate of deposits and stocks; they will be exposed to purchasing and renting a residence and a vehicle; and investigate possible career options. Throughout the course students will be exposed to simulations such as an online Stock Market Simulation, JumpStart Coalition and Virtual Business Personal Finance. Students will experience real world scenarios and use strategies covered in the course to help them make sound financial decisions.

This class qualifies as a math related credit in student's final year.

B5150 Accounting/Computing I* Grade 9-12 1 sem. 1/2 cr.

Are you planning a college major in a business related field? Do you intend to own your own business? The field of accounting is alive and growing with a wide range of opportunities available to you. Enhance your employability with a marketable skill, equip yourself to maintain personal business records or prepare yourself for a 2 or 4-year business degree by enrolling in the growing career field of accounting. Students will demonstrate an understanding of accounting terminology, concepts, practices and procedures.

This class qualifies as a math related credit in student's final year.

B5160 Accounting/Computing II* Grade 9-12 1 sem. 1/2 cr.

Recommendation: Successful completion of Accounting/Computing I

Do you want a high paying job in a business career? If so, then build on your Accounting I skills. Expand your terminology, concepts, practices and procedures used in an accounting system, for a merchandising business organized as a partnership and a business organized as a corporation.

This class qualifies as a math related credit in student's final year.

B5170 Accounting/Computing III* Grade 10-12 1 sem. 1/2 cr.

Recommendation: Successful completion of Accounting/Computing II

Take the challenge! Pull away from job competitors with a defined skill in Accounting. This class gives you an advantage in college accounting and college business courses. Terminology, concepts, practices and procedures are taught for a departmentalized merchandising business organized as a corporation.

This class qualifies as a math related credit in student's final year.

B5180 Accounting/Computing IV* Grade 10-12 1 sem. 1/2 cr.

Recommendation: Successful completion of Accounting/Computing III

Continue to build your accounting knowledge with terminology, concepts, practices and procedures are taught for a departmentalized merchandising business organized as a corporation.

This class qualifies as a math related credit in student's final year.

B5310 Marketing I****Grade 9-12****1 sem. 1/2 cr.**

Marketing I generates basic business skills that will last a lifetime. For one semester students will explore basic principles of marketing that are needed for the job market. Upon successful completion of this course, students will be able to demonstrate an effective understanding of the following topics: basic selling principles, retail store operations, economic principles, marketing functions, marketing segmentation, and terminology.

This class qualifies for student's VPAA credit.

B5320 Marketing II/Sales & Promotion**Grade 9-12****1 sem. 1/2 cr.**

Recommendation: Student must have mastered basic competencies listed in Marketing I.

Marketing II is a one-semester course that is an extension of Marketing I. This course is for students who wish to explore advanced career marketing concepts. This course will sharpen students' knowledge of visual merchandising and display, advertising, sales promotion, branding, packaging and labeling, pricing, retail operations, and marketing careers.

B5330 Marketing III/School Store Operations**Grade 10-12 (2 hours) 1 sem. 1 cr.****B5335 Marketing III/School Store Operations****(1 hour) 1 sem. 1/2 cr.**

Recommendation: Successful completion of Marketing I and II.

Marketing III/School Store Operation course is a sequential course to Marketing I and II, as it builds upon prior knowledge developed in both of those courses. This course is designed to provide interested students with specialized vocational training in the field of marketing and management. Students are required to work in the school store. They must utilize hands-on experience in the school store from marketing concepts generated from classroom instruction. Students will have group and individual projects from classroom instruction, by applying real world applications to develop skills in management decision-making, inventory development, risk management, and computer application in marketing.

B5338 Marketing IV/School Store Management**Grade 10-12 (2 hours) 1 sem. 1 cr.****B5340 Marketing IV/School Store Management****(1 hour) 1 sem. 1/2 cr.**

Recommendation: Successful completion of Marketing I, II, and III.

Students successfully completing this course will be able to demonstrate their understanding of working with and training of employees, handling customers, human resource development, productivity, business leadership, and management/supervisory training. They will be expected to master written assignments outside of class, and to utilize these skills in working with and training employees in the school store.

B5355 Sports and Entertainment Marketing**Grade 10-12 1 sem. 1/2 cr.**

Recommendation: Successful completion of Marketing I

Sports and Entertainment Marketing will be a semester long course, offered during the fall semester to 10-12 graders. Students will be able to expand on their skills and knowledge acquired in Marketing I. The class will cover the key elements of sports marketing through the creation of a fantasy sports team. Using this fantasy sports team, the student will take the team from its planning stages through the fantasy sports draft and into the week-to-week operation of the league. The student will receive a wide range of experience in such diverse areas as team building, project management, sales, promotion, advertising and marketing.

B5530 Business and Personal Law for the Young Adult I Grade 9-12 1 sem. 1/2 cr.

“Ignorance of the law is not an excuse”. Know your legal, personal and business rights. The purpose of this class is to explain laws that directly affect young people. This course will focus on understanding legal procedures, recognizing situations that call for legal advice, understanding precise legal language, analyzing and summarizing complex legal situations and learning the court system. Students will be able to express facts, principles and arguments orally and in writing. This course will cover the following units: civil and criminal law, individual rights and responsibilities, family law, consumer and juvenile law. The use of mock trial and group projects will be used to allow students to apply the knowledge gained to authentic situations.

B5540 Business and Personal Law for the Young Adult II Grade 9-12 1 sem. 1/2 cr.

Recommendation: Business and Personal Law for the Young Adult I.

Students successfully completing this course will be able to demonstrate a continued understanding of business and personal law. This course will cover the following units: contract law, housing law, employment law, business ownership, and expanding on consumer law. The use of mock trial and group projects will be used to allow students to apply the knowledge gained to authentic situations.

B8210 BST/Software Applications I Grade 9-12 1 sem. 1/2 cr.**

Students will develop and create web pages with multiple functions, desktop publishing projects, digital presentations, advanced functions of word processing, spreadsheet and database activities. Projects will include everything from creating your own business cards to personal newsletters. Mastery of these areas will be demonstrated through hands-on activities, group and/or individual projects.

This class qualifies for student’s VPAA credit.

B8220 BST/Software Applications II Grade 9-12 1 sem. 1/2 cr.**

Recommendation: Software Application I

This course is a continuation of Software Application I. Activities will continue utilizing advanced digital presentation software, web page design, desktop publishing, word processing, spreadsheets and database. Mastery of these areas will be demonstrated through hands-on activities, group and/or individual projects.

This class qualifies for student’s VPAA credit.

-CAREER AND TECHNOLOGY EDUCATION CURRICULUM-

The Career and Technology Education Department's course offerings are listed below. It is recommended that students who plan to take Auto Body Repair I, Auto Body Repair II, Automotive Technology II or Auto Technology III courses at the William D. Ford Vocational/Technical Center select related classes through the Career and Technology Education Department.

Grades 9-12

*Material Processing
Technology Education
Intro to CADD A and B **
Automotive Technology 1**

Grades 10-12

Technical Design
Architectural Design
*Automotive Technology 2**

* **CLASSES THAT CAN BE TAKEN MORE THAN ONCE**

****CLASSES THAT QUALIFY FOR VPAA CREDIT**

I5110 Material Processing (Woods)

Grade 9-12

1 sem. 1/2 cr.

The material-processing course is a class in the safe use and operation of woodworking machines and safety in the shop. The related areas of studies will be the drawing and planning of a project, which includes an extensive review of measuring skills, steps and procedures needed to complete the project, tool selections and use for project work, an evaluation as it relates to the completed project. The student will prepare for the job market after high school by being introduced to many problem solving job skills needed in any occupation. This is a project oriented class.

I5160 Technology Education (Ind. Arts)

Grade 9-12

1 sem. 1/2 cr.

The student will explore the world of technology. Four areas will be introduced--communication, construction, manufacturing and transportation. Projects in each area will provide a perspective of the technologies and skills used in industry today. Emphasis will be placed on the use of technology, machinery, safety in the workshop, and tools to build a project. Careers in areas of study will be researched and explored.

I5260 Intro to CADD A **

Grade 9-12

1 sem. 1/2 cr.

No prior training or skill in technical drawing is assumed. Course emphasis is placed on accuracy and the use of a computer-aided-design drafting (CADD) system as a tool for constructing drawings. Students will develop a variety of drafting skills, sketching, and modeling techniques. Students use industry standard 2D and 3D modeling software to help them design solutions to solve proposed problems. Students will be developing skills involving applying the commands and functions of different CAD programs - AutoCAD, and Inventor.

This class qualifies for student's VPAA credit.

I5260 Intro to CADD B ****Grade 9-12****1 sem. 1/2 cr.**

No prior training or skill in architectural drawing is assumed. Course emphasis is placed on accuracy and the use of a computer-aided-design drafting (CADD) system as a tool for constructing drawings. Students will develop a variety of drafting skills, sketching, and model-making techniques. Students use industry standard 2D and 3D modeling software to help them design solutions to solve proposed problems. Students will be developing skills involving applying the commands and functions of different CAD programs - AutoCAD, and Revit.

This class qualifies for student's VPAA credit.

I5270 Technical Design**Grade 10-12****1 yr. 1 cr.**

Recommendation: Successful completion of Intro to CADD

Students in this course will further develop their technical drafting skills introduced in the Intro to CADD course. Students will be challenged with developing assemblies and design projects and will have the opportunity to compete in various technical design-drafting competitions. Greater emphasis is placed on developing their skills involving 3D design engineering programs: Inventor and Solidworks.

I5280 Architectural Design**Grade 10-12****1 yr. 1 cr.**

Recommendation: Successful completion of Intro to CADD

Students in this course will further develop their architectural drafting skills introduced in the Intro to CADD course. Understanding the procedures in designing and developing a residential structure is emphasized. This includes: site plans, floor plans, foundation plans, exterior and interior elevations. Greater emphasis is placed on constructing foam core and balsa wood models. The class will build on the student's skills involving 2D AutoCAD by emphasizing 3D programs for architecture: Revit 9.0 and SketchUP Pro 6.

I5350 Automotive Technology 1****Grade 9-12****1 sem. 1/2 cr.**

Auto Tech 1 is an introductory class that will teach students about basic car maintenance and service. Students will have the opportunity to learn about many of the car's systems and service them in our lab. Students need no prior knowledge before taking this course. A combination of textbook and hands-on activities will be covered.

This class qualifies for student's VPAA credit.

I5360 Automotive Technology 2****Grade 9-12****1 sem. 1/2 cr.**

Recommendation: Students must pass Automotive Technology 1 to enroll This course is will give students the opportunity to diagnose and repair everyday problems on vehicles. Students will focus on brake systems, suspensions systems, and electrical systems. Students will learn to use diagnostic and other equipment to troubleshoot vehicle problems. This course will review topics covered in Automotive Technology 1 and may be repeated. Projects for repeating students will vary as each student progresses.

This class qualifies for student's VPAA credit.

-ENGLISH LANGUAGE ARTS CURRICULUM-

The English Language Arts Departments at Wayne-Westland Community Schools believe in the ability of all students to learn when given enough time and support. We provide the opportunity for individual growth, given differences in abilities and learning styles, through a curriculum that accepts and appreciates diversity. Our program of study is designed to produce lifelong learners who have communication skills, critical thinking skills and an appreciation of literature and the arts. The English elective curriculum is designed to prepare students for various post-secondary fields of study.

English Language Arts Required Courses

English 9/Accelerated

English 10/Accelerated

English 11

English 12

English Language Arts Elective Courses

Communications

Public Speaking

Drama I**

Drama II**

Media Productions

Literature

Women's Studies

Science Fiction and the Supernatural

Humanities

Mythology

Writing

Creative Writing

Expository Composition for College

Journalism

Newspaper Production**

General

Advanced Placement English Language

Advanced Placement English Literature

English Strategies

Yearbook**

****CLASSES THAT QUALIFY FOR VPAA CREDIT**

E5120 English 9

Grade 9

1 yr. 1 cr.

This two-semester course is a foundation class for all ninth grade students. It will focus on both literature and composition. Students will develop effective communication and literary skills through rigorous and relevant units of instruction and engaging learning experiences. Students will strengthen their skills by viewing, listening to, and reading many forms of literature. Plays, short stories, poems, non-fiction, biographies, and essays will be used to inspire and model writing. Students will employ the writing process to write paragraphs for various purposes, to improve sentence structure and style, and to write a variety of multi-paragraph compositions throughout the school year, in accordance with the Common Core State Standards.

E5121 Accelerated English 9**Grade 9****1 yr. 1 cr.**

This two-semester course is designed to challenge students who are gifted in the area of English and who aspire to continue on an advanced placement track. It will focus on literary analysis, composition, and speaking and listening standards. Students will develop effective communication and literary skills through rigorous and relevant units of instruction, with an emphasis on collaborating with peers. Short stories, novels, poems, articles, biographies, and essays will be used for analysis, as well as to inspire and model writing. Students will engage in a year long, self-directed project. Additionally, students will employ the writing process for various purposes, to improve sentence structure and style, and to write a variety of multi-paragraph compositions throughout the school year, in accordance with the Common Core State Standards.

E5635 English 10**Grade 10****1 yr. 1 cr.**

This two-semester course is a foundation class for all tenth grade students. Students will develop effective communication and literary skills through rigorous units of instruction and engaging learning experiences focusing on argument, particularly making a claim and logically supporting it. Students will read, view, listen to, study, and respond critically to many forms of literature and informational text. After completing the course, students will be able to discuss, analyze, compare, and evaluate fiction, non-fiction, poetry, and drama, in accordance with the Common Core State Standards. They will be able to use the writing process to write multi-paragraph compositions and will be expected to write essays that include arguments with appropriate support and transitions.

E5636 Accelerated English 10**Grade 10****1 yr. 1 cr.**

This two-semester course is designed to challenge tenth grade students who excel and are interested in the area of English and who aspire to continue on an advanced placement track. It will focus on literary analysis, composition, and speaking and listening skills. Students will develop effective communication and literary skills through rigorous and relevant units of instruction, with an emphasis on collaborating with peers. Memoirs, novels, poems, articles, podcasts, and essays will be used for analysis and interpretation, as well as to inspire and model writing. Students will employ the writing process for various purposes, to improve style and craft, and to write a variety of complex compositions throughout the school year, in accordance with the Common Core State Standards.

E5740 English 11**Grade 11****1 yr. 1 cr.**

This two-semester course is a foundation class for all eleventh grade students and is aligned with Common Core State Standards. It will focus on reading literature and informational texts, writing, language, and speaking and listening. Students will develop effective communication and literary skills through rigorous and relevant units of instruction and engaging learning experiences. Students will read, view, study, listen to, analyze, and respond to a variety of texts. After completing the course, students will be able to individually and collaboratively discuss, analyze, compare, and evaluate fiction, non-fiction, poetry, and drama. Students will use the writing process to create and develop a variety of writing pieces that challenge the thought process and complete a writing portfolio. Finally, throughout this course students will prepare for the English, reading, and writing portions of the SAT.

E5800 English 12**Grade 12****1 yr. 1 cr.**

This two-semester course is a foundation class for all twelfth grade students and is aligned with Common Core State Standards. It will focus on reading literature and informational texts, writing, language, and speaking and listening. Students will develop effective communication and literary skills through rigorous and relevant units of instruction and engaging learning experiences. Students will read, view, study, listen to, analyze, and respond to a variety of texts. After completing the course, students will be able to individually and collaboratively discuss, analyze, compare, and evaluate fiction, non-fiction, poetry, and drama. Students will use the writing process to create and develop a variety of writing pieces that challenge the thought process, including a writing portfolio. Finally, throughout this course students will prepare for their futures beyond high school and will develop their skills with real world texts.

COMMUNICATIONS**C5140 Public Speaking****Grade 9-12****1 sem. 1/2 cr.****Departmental approval required for 9th grade students**

This course is designed for students who wish to improve their speaking abilities in front of small groups and larger audiences. After completing the course, the student should be able to discuss the impact that the speaking situation, the purpose, the method and the audience have on the communication process. Students should be able to write and present a demonstration speech, an informative speech, and a persuasive speech.

C5340 Drama I****Grade 9 - 12****1 sem. 1/2 cr.**

This course is designed for students interested in acting. Through assignments and activities, students will identify stage areas, define the elements of dramatic literature, analyze and create character, and critique dramatic performance. Students will demonstrate skills in vocal and bodily communication as well as text analysis while performing in pantomimes, improvisations, theatre games and memorized scenes.

Students who intend to focus on Drama throughout high school should opt to take Drama I and Drama II during 9th and 10th grades in order to elect Drama III and Drama Directing (Drama IV). This class qualifies for student's VPAA credit.

C5440 Drama II****Grade 9 - 12****1 sem. 1/2 cr.****Recommendation: Successful completion of Drama I**

Students will advance acting skills through play and character analysis. Total production of a play will be emphasized with attention to set and property design, make-up, costume design, lighting, sound effects, and publicity. Emphasis will be on monologue and performance and character development. Attendance at rehearsals and performances outside of the school day may be required. **For Drama III and Drama Directing (Drama IV) see Fine Arts Department.**

This class qualifies for student's VPAA credit.

LITERATURE

L6040 Women's Studies

Grade 10 - 12

1 sem. 1/2 cr.

This literature course focuses on the theme of women and their role in society as seen primarily by women writers. Students will write about the literature and their own experiences. Students who complete the course should understand and appreciate the contributions and achievements of women in society.

L6130 Science Fiction and the Supernatural

Grade 9-12

1 sem. 1/2 cr.

Departmental approval required for 9th grade students

Students in Science Fiction will read supernatural and mystery stories, poems, and novels. Emphasis will be placed on reading and exploring the three categories, but classroom work will include discussions and written reactions to the materials covered. Students will understand the elements of the short story: setting, character, plot, theme, and mood or tone, and given any story be able to discuss it in terms of each element.

L7350 Humanities

Grade 11-12

1 sem. 1/2 cr.

In Humanities, students will develop an appreciation for their cultural heritage and broaden their understanding of human relations through literature, visual art, films, and discussion. Emphasis will be placed upon studying important aspects in the development of Western civilization. History, religion, fine arts, music and philosophy will be studied. Students will be able to gather, interpret, analyze, synthesize and evaluate information from a variety of sources.

L8040 Mythology

Grade 10 - 12

1 sem. 1/2 cr.

This course is an introduction to the Greek and Roman myths as part of the foundation of Western literature. Upon completion of this course, students will be able to explain the various types of myths, summarize the major stories of Greek and Roman myths, explain allusions to mythology, compare and contrast recurring themes in mythology (i.e. universal truths, the mythic hero, the hero cycle, etc.); create original projects based on myth; and evaluate the use of traditional myth material in contemporary literature and media.

WRITING

W6240 Creative Writing

Grade 9 - 12

1 sem. 1/2 cr.

Recommendation: Successful completion of English 10

Departmental approval required for 9th grade students

In this course, students will discover various forms of creative expression in writing. They will also practice divergent thinking methods in preparation for writing. Students will produce at least three individual creative projects in these forms: poetry, essay, short story, and drama. Students will participate in group projects that require them to interact and communicate with others in creating a presentation to the class. Students will demonstrate their knowledge of various techniques and evidence of application in a variety of writing activities. Journal keeping and a culminating project are required.

W6380 Expository Composition for College **Grade 11-12** **1 sem. 1/2 cr.**

Recommendation: Successful completion of English 10

Students entering this course should have good reading skills and a firm grasp on the basics of composition. In this course, students will use the writing process to produce various forms of expository writing. These will include analytical papers based on literature as well as additional writing that encourages deeper interpretation, personal expression, and persuasive arguments. Students will interact cooperatively to generate writing ideas, to critique and evaluate their own writing and examples from professional writers, to solve writing problems, and to edit their work. In addition, a research paper will be produced.

W6440 Journalism **Grade 9 - 12** **1 sem. 1/2 cr.**

Departmental approval required for 9th grade students

This course is an introduction to the fundamentals of journalism with an emphasis on the process of gathering and writing news. A brief history of journalism and an examination of related issues, such as freedom of the press, will also be covered. This course is recommended for those wishing to be on the newspaper or yearbook staff. Students who aspire to be editors should take this course in 10th grade.

W6450 Newspaper Production** **Grade 9 - 12** **1 yr. 1 cr.**

Recommendation: Successful completion of Journalism

Departmental approval required for 9th grade students

Students in this class will publish the school newspaper. Students will work on various aspects of publishing: writing, sales, editing, layout advertising, interviewing, management, and photography. This course may be continued so that students can take advantage of increasing responsibilities. Outside time is expected of each student to cover events, interview, and meet deadlines. Excellent writing skills and a sense of responsibility and commitment are necessary attributes. This class qualifies for **VPAA credit**.

GENERAL COURSES

E5108 English Strategies **Grade 9-12** **1 sem. 1/2 cr.**

This class is designed to decrease the educational gap in student learning, particularly in reading, through the use of technology. Students participating in this course will use the online Reading Plus program in conjunction with offline activities to increase reading fluency, vocabulary, comprehension, and speed.

E5140 Media Productions **Grade 10 - 12** **1 sem. 1/2 cr.**

(This course is unique to Wayne Memorial High School) The impact of media on society is the focus of this course. Students will write papers that relate to the various aspects of media production. They will be able to recognize and use the technical language relevant to film and demonstrate an understanding of animation techniques through project work. Major issues impacting broadcast media will be discussed and evaluated.

E8100 Advanced Placement English Language**Grade 11****1 yr. 1 cr.****Recommendation: Successful completion of English 9 and 10 and approval of application.**

The AP English Language course prepares students to take the National College Board Test in Language, and it prepares students for college courses in English Language. It aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Students also read and analyze the rhetorical elements and their effects in nonfiction and literary texts, including graphic images as forms of text, from many disciplines and historical periods. For this course, students must complete a considerable amount of independent work including summer work and nightly tasks; additionally, the course work is noticeably more challenging than high school level English courses.

E8000 Advanced Placement English Literature**Grade 12****1 yr. 1 cr.****Recommendation: Successful completion of English 9, 10, and 11 and approval of application.**

This course prepares a student to develop thinking skills through interaction with literature both as a prerequisite to taking the National College Board Test in language and literature, which earns college credit, and as preparation for college. Students will interpret, analyze, evaluate and create as they read historical and modern drama, poetry, short stories, novels and essays.

Y5700 Yearbook ****Grade 10-12****1 yr. 1 cr.**

Students will learn the fundamentals of yearbook production such as design, journalistic style, and photography. All students will sell ads, design layouts, write copy, edit, and interview. After-school time is mandatory to cover events, to use the computers, and to meet deadlines. Writing proficiency, photography skill, and excellent attendance is also recommended. This is a year-long class; students cannot begin Yearbook Production mid-year. This class meets the requirements for a VPAA credit.

-FINE ARTS CURRICULUM-

	Drama	
Grades 9-12	Grades 10-12	Grade 11-12
Drama I (English credit) Drama II (English credit)	Drama III	Drama Directing
	Instrumental Music	
Grades 9-12	Grades 10-12	Grades 10-12
Concert Band 9 Concert Strings Jazz Ensemble	Concert Band Symphony Orchestra	Symphony Band
	Visual Art	
	Grades 9-12	
	Art I Art II Art III Studio Art I Studio Art II Studio Art III Ceramics I Ceramics II Jewelry Design I Jewelry Design II Art and Technology I Art and Technology II	
	Vocal Music	
Grades 9-12		Grade 10-12
Concert Choir		Mixed Ensemble Music Appreciation Theory of Music Women's Chorus Men's Chorus Women's Ensemble Glenn Singers

*** ALL COURSES IN THE FINE ARTS CURRICULUM QUALIFY FOR VISUAL, PERFORMING, AND APPLIED ARTS CREDIT FOR GRADUATION.**

DRAMA

A7500 Drama III

Grade 10-12

1 yr. 1 cr.

Recommendation: Successful completion of Drama I and Drama II

The focus of this class will include performance addressing a variety of styles of plays including comedy, serious drama & children's theater. Advanced acting techniques will be studied. This class will also include an introduction to script writing, film, and editing. This class will require additional time to be spent outside of the classroom and the school day to complete assignments.

A7600 Drama Directing (Drama IV)

Grade 12

1 yr. 1 cr.

Recommendation: Successful completion of Drama I-III

This course is for the third year student who is interested in dramatics as a major in college. The emphasis is on directing and staging of plays, but advanced acting techniques will also be studied. This class will also include an introduction to script writing, film, and editing. This class will involve additional time to be spent outside of the classroom and the school day to complete assignments.

INSTRUMENTAL MUSIC

A5019 Concert Band9

Grade 9 -12

1 yr. 1 cr.

Audition Required

Concert Band 9 is for 9th grade students with prior experience in band instrument performance. Band students in grades 10-12 may also enroll with permission from instructor. Emphasis is placed on the development of fundamental music performance skills and comprehension of various musical terms and symbols. Students will also study basic music theory and history through performance of basic and intermediate band literature. Performances include concerts and individual and group festivals. Attendance at rehearsals and performances outside of the school day is required.

A1703 Concert Strings

Grade 9-12

1 yr. 1 cr.

Audition Required

Concert Strings is the orchestra class for students with prior experience in string instrument performance with class emphasis on the development of fundamental and intermediate music performance skills and comprehension of various musical terms and symbols. Students will also study basic music theory and history through performance of intermediate orchestra literature. Performances include concerts and individual and group festivals. Attendance at rehearsals and performances outside of the school day is required.

A6100 Symphony Orchestra

Grade 10-12

1 yr. 1 cr.

Audition Required

Symphony Orchestra is the orchestra class with extensive experience in string instrument performance with class emphasis placed on the development of advanced music performance skills and comprehension of various musical terms and symbols. Students will also study music theory and history through performance of advanced orchestra literature. Attendance at rehearsals and performances outside of the school day is required. Due to greater time commitment and demand of the music, private instruction is encouraged.

A6300 Concert Band**Grade 10-12****1 yr. 1 cr.****Audition Required**

Concert Band is the band class for students in grades 10-12 with prior experience in band instrument performance with class emphasis placed on the development of intermediate music performance skills and comprehension of various musical terms and symbols. Students will also study music theory and history through performance of intermediate band literature. Attendance at rehearsals and performances outside of the school day are required.

A6400 Symphony Band**Grade 10-12****1 yr. 1 cr.****Audition Required**

Symphony Band is the band class for students with extensive experience in band instrument performance with class emphasis placed on the development of advanced music performance skills and comprehension of various musical terms and symbols. Students will also study music theory and history through performance of advanced band literature. Attendance at rehearsals and performances outside of the school day is required. Due to greater time commitment and demand of the music, private instruction is encouraged.

A8100 Theory of Music**Grade 10-12****1 sem. 1/2 cr.**

A course for students in grades 10-12 who wish to have a stronger background in the fundamentals of music. Students will develop and be able to demonstrate advanced musical concepts such as the formal discipline of music composition and structure, the structure of scales and chords, advanced terminology, rhythmic and melodic dictation, music history, and basic composition skills. The course will give an overview of the basic tools needed for continued music study at the collegiate and/or professional level and include an introduction to music notation software. Students may register for the class on recommendation by a staff member of the music department.

A9600 Jazz Ensemble**Grade 9-12****1 yr. 1 cr.**

A course for students in grades 9-12 with prior experience in band, orchestra, guitar, piano, or drum set performance who wishes to learn about and perform jazz music. Emphasis is placed on the development of jazz fundamentals, including: jazz theory, jazz history, improvisation, chord progressions, styles of jazz (i.e., big band, combo, blues, funk, fusion, rock), and many other elements specific to jazz music. Students in jazz ensemble must be concurrently enrolled in a band or orchestra class or receive permission from the instructor. Attendance at rehearsals and performances outside of the school day is required.

VOCAL MUSIC

A6700 Mixed Chorus

Grade 9-12

1 yr. 1 cr.

This is a beginning course for students with junior high or high school choral experience or those students wishing to gain the experience. Basic fundamentals of singing are stressed as well as music reading. A performance is given each semester.

A7000 Women's Chorus

Grade 10 - 12

1 yr. 1 cr.

Audition Required

Women's chorus is a select choir for women, in which the basic fundamentals of music are stressed. Students become acquainted with the music symbol system. They will be able to recognize note values and to use them vocally and in written exercises. They will learn to read in their own part and how to read from a vocal music score. Expression, blend and diction are stressed for performance. The first semester is devoted to recognizing and using basic music skills. Once students are able to sing their own vocal part in a two-part setting, attention is given to group blending. The second semester continues to build on the basics and their proper application and, when possible, three-part music. Attendance at rehearsals, sectionals and performances outside of the school day is required.

A7100 Men's Chorus

Grade 10 - 12

1 yr. 1 cr.

Audition Required

This select group of men are provided an opportunity to become more at ease with their own voice and learn the fundamentals of music. Music for this group includes folk songs, show tunes, jazz, serious and contemporary music. Students become acquainted with the music symbol system. They are able to recognize note values and to use them vocally and in written exercises. They learn to read in their own part and how to read from a vocal music score. Expression, blend, and diction are stressed for performance. The first semester is devoted to recognizing and using basic music skills. Once students develop the skill of reading from the vocal score and are able to sing their own vocal part, attention is given to group blending. Second semester continues to build on the basics and their proper application. Attendance at rehearsals, sectionals and performances outside of the school day is required.

A7200 Concert Choir

Grade 9 - 12

1 yr. 1 cr.

Concert choir is a mixed ensemble that provides instruction which allow students to expand their perceptions of sound. Basic fundamentals of signing are stressed as well as music reading. Students become aware of melody, harmony, form, tempo, sound quality, rhythm, and meter through individual development and group participation. Students also learn to sight-read. They can identify major and minor written compositions. Students are able to perform their own parts in a rehearsed composition of two, three or four parts. Students are exposed to intermediate choral literature. Attendance at performances outside of the school day is required.

A7300 Treble Chorus**Grade 10-12****1 yr. 1 cr.****Audition Required**

A selected choir for girls with previous choral experience and training, sight-reading and other advanced singing techniques are stressed and a performance is given each semester.

A7400 Women's Ensemble**Grade 10 - 12****1 yr. 1 cr.****Audition Required**

A select group in which the fundamentals of music are continued from women's chorus. Voice students are selected based on the musical knowledge, voice quality, and previous choral experience. Students become aware of melody, harmony, form, tempo, sound quality, rhythm, and meter through individual development, and group participation and performance. Students will be familiar with the musical symbol system and are exposed to advanced choral literature. Attendance at rehearsals, sectionals and performances outside of the school day is required.

A7410 Mixed Dimensions**Grade 9 - 12****1 yr. 1 cr.****Audition Required**

Mixed Ensemble provides the opportunity for the advanced students to sing in an advanced mixed ensemble. Students will have the opportunity to study and sing a variety of styles of music from many periods including classical, jazz, folk songs, show tunes, and popular music. In addition, advanced musical skills, dedication, responsibility and willingness to work hard are of paramount importance. In addition to two evening choral performances each year, students will perform at assemblies throughout the year as well as events in the community during and after school. Attendance at rehearsals, sectionals and performances outside of the school day is required.

A8000 Directed Study in Music**Grade 12****1 sem. 1/2 cr.**

This course is structured to meet the needs of students who wish to have more individual attention in specific musical areas such as learning to play another instrument, beginning instrumental or vocal study, chamber and small ensemble practice as well as advanced musical instruction for those students who will be studying music in college. It may also include instruction in theory, music, history, or musicology according to the needs of the class.

A8100 Theory of Music**Grade 10 - 12****1 sem. 1/2 cr.**

This course is structured to meet the needs of students who wish to have a stronger background in the fundamentals of music. Students will develop and be able to demonstrate various musical aspects such as notation reading, structure of scales and chords, musical terms, rhythmic and melodic dictation and basic composition skills.

A8110 Music Appreciation**Grade 10 - 12****1 sem. 1/2 cr.**

Music Appreciation is primarily devoted to the study and appreciation of music and its place in society. Students will learn about and be able to differentiate between period of music - Renaissance, Baroque, Classical, Romantic, Impressionism, and Contemporary. Students will acquire listening skills used to interpret the composer's intent in a musical composition. Basic music theory will also be taught, furthering the student's knowledge and understanding of musical compositions. Students will learn and use the basic music symbol system.

A9000 The Glenn Singers**Grade 10-12****1 yr. 1 cr.****Audition Required**

This course would provide an opportunity for the advanced student to sing in a small mixed ensemble. The student will have the opportunity to study and sing music of the Renaissance period as well as contemporary pieces and other styles of music specifically prepared for a small ensemble as opposed to a large choir setting. Principles of performance will be emphasized as well as music reading. Auditions are held in April prior the new school year. This is the most active choral ensemble with 15-20 performances a year, including Festival participation, community appearances and holiday concerts. Each student must concurrently belong to Concert Choir.

VISUAL ARTS

A5110 Art I

Grade 9-12

1 sem. 1/2 cr.

This introductory course is designed for students to examine the significance of the visual arts on our everyday lives. Design elements and compositional principles are applied to drawing, painting, commercial art concepts, and other 2-dimensional artwork that are studied while learning studio techniques. Emphasis is on experimenting with various media, subject matter, and techniques such as shading, depth perception, color theory, and proportions. This course will help students appreciate the joy of creating art as well as understand the role of art and design in society. Students will be evaluated according to their studio participation, quality of work, critical thinking and class discussions. **A5120 Art**

II

Grade 9-12

1 sem. 1/2 cr.

Recommendation: Successful completion of Art I

The focus of this course is designed to strengthen students' knowledge and skill in the creation of two-dimensional artwork. Drawing and painting assignments in watercolor, pastels, pen and ink, charcoal and pencil will encourage students to discover ideas and their creative potential. Silk screening, etching and relief printing processes may also be included. Works from famous artists, both past and present, will be incorporated to learn how others have solved similar problems. Subject matter may range from creating landscapes and abstract designs to recording observations of figures and still lifes. Students will have access to the computer for their projects.

A5130 Art III

Grade 10-12

1 sem. 1/2 cr.

Recommendation: Successful completion of Art II

This course offers an in-depth study of two dimensional art concepts, techniques, and production. Work will be done in drawing, acrylic painting, watercolor, and printmaking. Students define and solve challenging visual art problems independently using skills such as analysis, synthesis and evaluation. Famous artists will be compared and contrasted to observe and evaluate their techniques. The computer will also be used to complete some assignments. This course may be repeated for credit on a higher level with teacher recommendation.

A5210 Studio Art I

Grade 9-12

1 sem. 1/2 cr.

This is an introductory studio class designed for students to experience the creation of three-dimensional and craft related art work. The class will provide a wide variety of media to give a broad based background of past and present works to the inexperienced art student. Some of the related units may include: paper mache, collage, mixed media, stenciling, printmaking, fabric design, textile prints and other three-dimensional construction techniques. Student will learn basic design fundamentals as they apply to creating unique artwork. Good attendance is very important to succeed in this class.

A5220 Studio Art II

Grade 9-12

1 sem. 1/2 cr.

Recommendation: Successful completion of Studio Art I

This course is designed to strengthen skills, interest and expand the range of knowledge gained from Studio Art I. This course continues to explore three dimensional art. The following units will be offered as time and cost factor permit: glass etching, stain glass, plaster sculpture, clay sculptural pottery, printmaking, jewelry, fabric design, collage, and mixed media. Good attendance is very important to succeed in this class.

A5230 Studio Art III **Grade 10-12** **1 sem. 1/2 cr.**

Recommendation: Successful completion of Studio Art 2

This course offers an in depth study of three-dimensional art concepts, techniques and production. Emphasis is on idea development, more advanced materials exploration and craftsmanship of the art work. The units of study would include glass slumping, stain glass, carving with wood and/or stone, printmaking, weaving and sculptures in various media. The computer may also be used to complete some assignments.

A5320 Art and Technology I **Grade 9 – 12** **1 sem. 1/2 cr.**

This course will explore the creation of computer based art and design. Students will learn to create artwork using a variety of programs, including those on the WWCS network, Adobe Photoshop and Adobe Illustrator. In addition, digital cameras, video cameras, and scanners will be used to import original images for manipulation and enhancement. The elements of art, principles of design, and development of aesthetic judgment will be stressed.

A5321 Art and Technology II **Grade 9 – 12** **1 sem. 1/2 cr.**

Recommendation: Successful completion of Art and Technology I

This course is a continuation of Art and Technology I. Students will learn advanced skills in Adobe Photo Shop and Adobe Illustrator, becoming familiar with RAM requirements, Navigation palettes, file formats, color calibration and manipulation, special effects, filters, and working with paths, layers and selections. Students will use the Internet to research and explore the creations of contemporary artists working in the area of computer and multi-media design. Upon completion of this course, students will have demonstrated their accomplishments through the completion of a skills portfolio.

A5350 Ceramics I **Grade 9-12** **1 sem. 1/2 cr.**

This course involves the design and creation of ceramic forms. Students learn to shape clay by hand and apply glazes. Assignments include the formation of utilitarian vessels as well as the creation of sculptural forms. Decorating techniques may vary according to the functional and/or aesthetic appeal of each form. Performance, effort and quality of work are the grading criteria. Good attendance is very important to succeed in this class.

A5355 Ceramics II **Grade 9-12** **1 sem. 1/2 cr.**

Recommendation: Successful completion of Ceramics I

This course is a continuation of the beginning ceramics class with emphasis on advanced techniques. In addition to clay formation processes, advanced study encompasses precision wheel throwing, glazing techniques, mold making, and personal experimentation is encouraged. Through these experiences the students will study the history of three-dimensional forms and develop an understanding of how clay forms have recorded the phases of human culture. This course may be repeated on a higher level with teacher recommendation.

A5360 Jewelry Design I **Grade 9-12** **1 sem. 1/2 cr.**

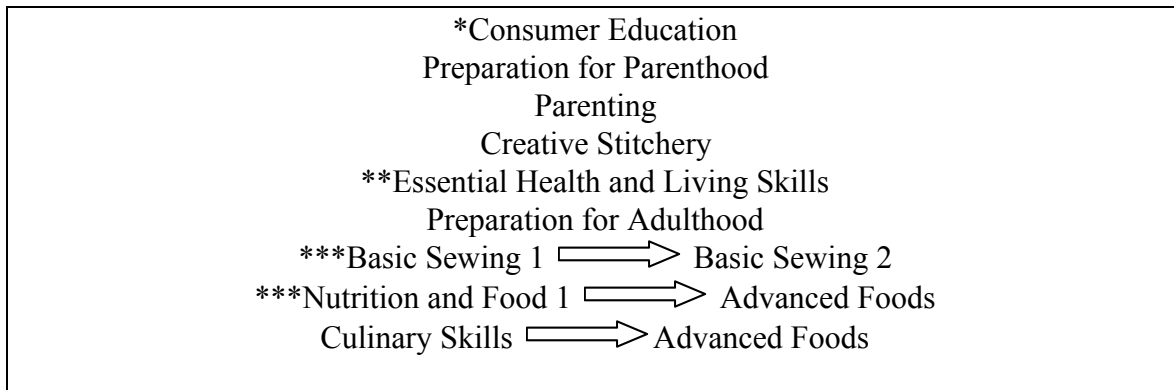
This course teaches students about the design and creation of original jewelry. Basic design skills are taught. Sequentially planned assignments assist students in developing quality designs and well-crafted jewelry. Through these experiences it is hoped that students acquire an appreciation for past and present jewelry forms and pride in their own accomplishments.

A5365 Jewelry Design II**Grade 9-12****1 sem. 1/2 cr.****Recommendation: Successful completion of Jewelry Design I**

This course is a continuation of Jewelry Design I. Students are expected to refine the skills learned in the beginning jewelry course. Required assignments will focus on new and advanced techniques exhibiting personal creativity and inventiveness. Participation in school and community exhibits will be encouraged. This class can be repeated on a higher level with teacher recommendation.

-FAMILY AND CONSUMER SCIENCE (FCS) CURRICULUM-

The Life Skills Department's course offerings are listed below. It is recommended that students who plan to take Culinary Arts, Child Care, or Nursing courses at the Career/Tech Center select related classes through the Life Skills Department first. Each course is one semester and earns ½ credit.



*CLASSES THAT COUNT FOR 4TH YEAR MATH CREDIT

** CLASS SATISFIES THE HEALTH CREDIT REQUIREMENT FOR GRADUATION

*** CLASSES THAT QUALIFY FOR VPAA CREDIT

H5010 Nutrition and Food***

Grade 9-12

1 sem. 1/2 cr.

This course is designed as an introduction to nutrition and cooking. The basic principles of nutrition, food selection and cooking are emphasized. Students will learn how to make healthy selections based on the MyPlate. Units on personal food choices, foodborne illness prevention and kitchen organization will be included. Due to the nature of this lab class **attendance is very important**. This class and all other foods classes are recommended for students who plan to take Culinary Arts at the Career Tech Center.

This class qualifies for student's VPAA credit.

H5300 Culinary Skills

Grade 9-12

1 sem. 1/2 cr.

This course is designed as an introduction to culinary skills. Basic cooking and baking techniques are discussed during the semester. Units on eating disorders, healthy weight, safety and sanitation, measurement, nutrition, kitchen equipment, and employment will be included. Due to the nature of this lab class **attendance is very important**. This class is recommended for students wanting to go on to advanced foods and or/culinary art at the Career Tech center.

H5020 Advanced Foods

Grade 9-12

1 sem. 1/2 cr.

This course is designed for students who want to continue to the study of foods and the effect of nutrition on their lives. More advanced cooking techniques will be introduced. Students will study how cultural and social influences affect their diet. Food preparation will be based on different food groups. This class continues to promote the relationship of food choices to health and wellness. It is recommended that students take Nutrition and Foods or Culinary Skills before taking this class. Due to the nature of this lab class **attendance is very important**. This class and all other foods classes are recommended for students who plan to take Culinary Arts and the Career Tech Center.

H5610 Basic Sewing I*** **Grade 9-12** **1 sem. 1/2 cr.**
This class is designed for the beginning student with limited sewing experience. Students will learn to shop for patterns and fabric. Students will demonstrate use of the pattern, sewing machine, and other equipment, and complete projects using basic sewing techniques. Emphasis is on actual construction. Due to the nature of this course, good attendance is essential to be successful.
This class qualifies for student's VPAA credit.

H5620 Basic Sewing II **Grade 9-12** **1 sem. 1/2 cr.**
Course can be taken more than once for credit.
The student will build upon previously acquired skills. By selecting more difficult projects such as quilts and tote bags students will perfect previous sewing skills and acquire new sewing techniques. Emphasis is on the actual construction of sewing. Because this class is taught according to individual skill, the student may repeat the course to increase skills. Due to the nature of this course, good attendance is essential to be successful.

H6010 Preparation for Parenthood **Grade 9-12** **1 sem. 1/2 cr.**
Young men and women who are interested in investigating the circumstances that would create the best environment in which to raise a child should select this class. How to become socially, physically, intellectually, financially, and emotionally ready is the focus of this class. Birthing options, delivery, and care of a newborn are included. Materials concerning human sexuality and communicable diseases, including AIDS information, will be presented.

H6020 Parenting **Grade 9-12** **1 sem. 1/2 cr.**
Any young man or woman interested in improving their personal or professional relations with children should select this class. This one semester class is highly recommended for students majoring in early or elementary education in college. This course traces a child's development from one to five years of age. Discipline appropriate for each stage of development that will encourage bonding, self-esteem, physical and emotional health, and intellectual growth is the focus of this course.

H6350 Essential Health and Living Skills** **Grade 9-12** **1 sem. 1/2 cr.**
This course teaches students how to improve their physical, mental, and emotional health through proper nutrition, physical activity, substance abuse and HIV prevention, safety, and personal health and awareness. Students will develop communication and decision making skills which will allow them to deal with health risk situations such as; substance abuse, obesity, violence, harassment, suicide, sexually transmitted diseases, and other concerns.
This course is designed to meet the health credit required by the state for graduation.

H6600 Consumer Education* **Grade 9-12** **1 sem. 1/2 cr.**
Consumer Education is designed to provide a practical experience in personal finance. Students will apply the decision making process to personal finance. Professionals from the community will answer student questions concerning banking services, investing, car sales and leasing, use of credit, collection, repossession, housing, leisure time, and travel choices. By learning to set personal goals and planning measurable steps to achieve them, this class can help make financial dreams a reality
This class qualifies as a math-related credit in student's final

-MATHEMATICS CURRICULUM-

Students are required to earn four credits in mathematics.

Class of 2018 and later	
Sequence 1 (4 Credits)	Sequence 2 (4 credits)
M6110 Algebra 1 (1 cr.) M6500 Geometry (1 cr.) M6120 Algebra 2 (1cr.) *One additional credit in a mathematics elective or mathematics related course must be completed in student's <u>final</u> year of school.	M6110 Algebra 1 (1 cr.) M6500 Geometry (1 cr.) M6134 Math Skills (1 cr.) M6120 Algebra 2 (1cr.) *State requirement for a math related course in the <u>final</u> year of school.

M6110 Algebra 1

1 yr. 1 cr.

This course will provide students with a variety of opportunities to explore all aspects of Algebra. Course content includes but is not limited to: In depth explorations of number systems including complex numbers, evaluation and simplification of algebraic expressions, graphing and solving equations and inequalities. Coursework will also allow for opportunities to explore families of functions including piecewise linear, quadratic, exponential, logarithmic and polynomial functions in a variety of ways. The course content will reflect the Algebra I course content expectations as developed by the Common Core State Standards with an emphasis placed on the college readiness standards.

M6001 Algebraic Foundations

1 sem 1/2 cr.

Placement by Teacher Recommendation. Algebra 1 must be taken at the same time.

This course will provide opportunities for students to receive additional help in meeting the Algebra 1 content expectations. Materials will be used to support the instruction that takes place in the regular Algebra classroom. Time will also be spent addressing the individual mathematical needs of students. This elective course does not satisfy a core High School Graduation Requirement for Mathematics.

M6500 Geometry

1 yr. 1 cr.

This course will explore mathematical reasoning using both inductive and deductive methods. Students will write and evaluate proofs in relationship to triangles and other geometric figures. Students will spend time exploring the relationship between geometric ideas and their representations. Time will also be used to investigate geometric constructions, unknown angles, and transformations with an emphasis on rigid motion. Right triangle trigonometry, similarity, and congruence will also be addressed. Students will explore various transformations using sketches, coordinates and vectors. The course content will reflect the Geometry course content expectations as developed by the Common Core State Standards with an emphasis placed on the college readiness standards.

M6460 Accelerated Geometry**1 yr. 1 cr.**

This course will cover the same topics as the Geometry course but in greater depth and detail. Students will need to explain more of their thinking, both orally and in writing. More connections will be made from concepts covered in Algebra.

M6510A Geometric Foundations**1 sem 1/2 cr.**

Placement by Teacher Recommendation. Geometry 1 must be taken at the same time.

Geometric Foundations is a support course that is offered to students who are at risk of not being able to successfully complete the content expectations for Geometry. Lessons and activities are offered to support the instruction that is provided in the regular Geometry classroom. This elective course does not satisfy a core High School Graduation Requirement for Mathematics.

M6134 Math Skills

Math Skills is a course designed to reinforce the skills students need to be successful in Algebra 2. It is meant for students who struggled in Algebra 1 and want to improve their math ability and college readiness before they take Algebra 2. Topics include: Number sense, linear functions and equations, systems of linear equations, exponents and radicals, polynomial operations, area and volume, basic trigonometry, quadratic functions and equations, and factoring. Students may take a semester of this course.

M6120 Algebra 2**1 yr. 1 cr.**

Recommendation: Successful completion of Algebra 1.

This course reviews and extends first year algebra. The course content includes but is not limited to the following: In depth explorations of algebraic and graphic representations of equations, radical, quadratic, and logarithmic functions. Students will work with operations on radical and polynomial expressions. The course content will reflect the Algebra II course content expectations as developed by the Common Core State Standards. Practice for the SAT assessment is incorporated into the course with an emphasis placed on the college readiness standards.

M6128 Accelerated Algebra 2**1 yr. 1 cr.**

This course will cover the same topics as the Algebra 2 course, but in greater depth and detail. Students will need to explain more of their thinking, both orally and in writing. They will also explore more applications of the math and look for connections to the real world.

M6129 Senior Project Based Math**1 yr. 1 cr.**

Students will engage in explorations and lab activities designed to strengthen and expand their knowledge of the topics found in secondary mathematics. Activities are designed to have them take a second, deeper look at topics they should have been exposed to previously; illuminate the connections between various topics in secondary mathematics; illustrate good uses of technology in representing mathematics; and engage in problem-based learning, and applications of mathematics.

M6132A Statistics A**1 sem 1/2 cr.**

This course is designed to provide a basic understanding of descriptive and inferential statistics. Topics include measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions. Students will leave the class with a basic understanding of important statistical ideas enabling them to better understand the world around them.

M6132B Statistics B**1 sem 1/2 cr.**

Statistics B is a deeper dive into statistics, using students' interests in a more individualized, focused curriculum. Students will perform their own data collection and utilize various tests to draw viable conclusions. Topics include confidence intervals, hypothesis testing, and various distributions. By the end of the semester, students will have a thorough understanding of several specific statistical methods as well as the ability to use mathematical language to express their findings.

M6133 Trigonometry**1 sem 1/2 cr.**

Trigonometry will focus on Pythagorean relationships, right and non-right triangle trigonometry, angles of rotation and radian measure, trigonometric functions and their inverses, solving trigonometric equations, and verifying trigonometric identities. It will help solidify algebraic and graphing skills while teaching logical thinking and collaboration.

M6142 Pre-Calculus**1 yr. 1 cr.****Recommendation: Successful completion of Algebra 2**

This course provides the student with a background for college calculus. The structure and unity of mathematics is stressed through the investigation of a variety of topics. Upon successful completion of this course students will be able to address problems using the concepts of logic, series and sequences, families of functions, limits, real and complex number systems, trigonometry, derivatives, vectors, matrices, polar coordinates, parameterizations and conic sections. Students are strongly encouraged to purchase a scientific or graphing calculator. The course content will reflect the Pre-Calculus course content expectations as developed by the Common Core State Standards with an emphasis placed on the college readiness standards.

M7501 Calculus A**1 sem. 1/2 cr.****Recommendation: Successful completion of Pre-Calculus**

This course includes a study of limits, derivatives of algebraic and transcendental functions, and their applications. Upon successful completion of this course, students will be able to use differential calculus in the solution of scientific and business applications.

M7501 Calculus B**1 sem. 1/2 cr.****Recommendation: Successful completion of Pre-Calculus and Calculus A**

This course includes a study of derivatives of algebraic and transcendental functions, integrals of algebraic and transcendental functions, and their applications. Upon successful completion of this course, students will be able to use differential and integral calculus in the solution of scientific and business applications.

M7510 AP Calculus AB**1 yr. 1 cr.****Recommendation: Successful completion of Pre-Calculus**

This advanced placement course includes a study of derivatives of algebraic and transcendental functions, and integrals of algebraic and transcendental functions and their applications. Upon successful completion of this course, students will be able to use differential and integral calculus in the solution of scientific and business applications. Students will also be able to take the AP Calculus Examination, and receive college credit for a semester of college calculus. This exam, which is administered in May of each year, is paid for by the student.

PHYSICAL EDUCATION CURRICULUM-

The goal of the Wayne-Westland Community School District Physical Education Program is to develop individuals with an optimal fitness level for work and leisure, and who know and understand how to maximize their own personal health. In the Personal Fitness class (P 5055), students gain knowledge in how to assess health-related fitness levels as well as how to design a personal fitness program. This class meets the guidelines of the Michigan High School Content Expectations. Our elective program gives students the opportunity to pursue interests in team and individual sports, aquatics and creative movement, as well as an advanced program which provides opportunities for students whose interests are in the competitive sports.

One half credit in Personal Fitness (P5055) is required for graduation. Students may repeat any of the elective and advanced classes.

One half credit in Health is required for graduation. Students may take Physical Education and Health (P6100) to fulfill this requirement.

*Personal Fitness
**Physical Education/Health
Advanced PE Team Sports
Weight Training and Conditioning
Body Shaping
Aquatic Skills
Advanced PE Baseball/Softball
Advanced PE Basketball
Advanced PE Football
Advanced PE Soccer
Advanced PE Swimming
Advanced PE Track
Advanced PE Wrestling
Advanced PE Volleyball
Modern Dance

***This class will meet the Physical Education credit required for graduation**

****This class will meet the health credit required for graduation**

ALL PE CLASSES CAN BE TAKEN MORE THAN ONCE FOR CREDIT

P5055 Personal Fitness*

Grade 9-12

1 sem. 1/2 cr.

This course teaches students how to improve their physical, mental and emotional health through physical activity and classroom work. Students will gain knowledge and skills in personal conditioning and lifetime activities to promote healthy lifestyles. Monitoring of students' fitness levels using the Fitness gram program will be an important part of this class. Students will culminate their experience in this class by developing their own personal fitness program.

The curriculum has been aligned to The State of Michigan Department of Education content expectations for Physical Education and meets the graduation requirement for physical education.

P6100 Physical Education/Health**

Grade 9-12

1 sem. 1/2 cr.

This course teaches students how to improve their physical, mental and emotional health through proper nutrition, physical activity, substance abuse, HIV prevention, safety, personal health and awareness. Students will develop communication and decision making skills which will allow them to deal with health risk situations such as; substance abuse, obesity, violence, harassment, suicide, sexually transmitted diseases, and other concerns. This class also concentrates more on physical activity and some time is spent in the gym and fitness room utilizing fitness principles.

This course is designed to meet the health credit required by the state for graduation.

P5300 Advanced PE Team Sports

Grade 10 – 12

1 sem. 1/2 cr.

This course is designed for students who wish to continue participation in team sport activities. The team sports will be selected from the following activities: soccer, basketball, volleyball, floor hockey, softball, and flag/7 down football. The evaluation of each student will be accomplished through participation, observation of performance, and physical fitness testing.

P5400 Weight Training and Conditioning

Grade 10 - 12

1 sem. 1/2 cr.

This course is for students who wish to improve their physical strength and fitness. Proper lifting techniques and safety procedures will be taught. The major emphasis of the course will be the advancement of the individual's current physical condition and understanding of training and conditioning. The evaluation of each individual will be based on standardized physical fitness testing, personal improvement, and participation.

P7100 Body Shaping

Grade 10 - 12

1 sem. 1/2 cr.

The activities in this course include step and aerobic workouts, conditioning, working with weights, and a variety of other types of exercise. The course also covers nutrition, muscle identification, commercial fitness programs, and short and long-term fitness goals. **Anyone with back, knee, or ankle problems may want to consult a doctor before taking this class.**

ADVANCED PHYSICAL EDUCATION

Wayne-Westland Community School District offers students the opportunity to participate and to improve technical skills to a level where a sport can be enjoyed and pursued in a post high school or community program. Advanced Sport classes provide the technique instruction and training to all students. This opportunity is often available only to individuals who can afford membership in an athletic club or lessons outside of school. The classes challenge and prepare students to be successful in a variety of activities. Because students mature and grow at an individual pace, these classes offer more students the chance to be part of a sport. Students that don't meet the grade criteria may be granted admission via building administrative approval only. The classes also demonstrate the commitment and preparation necessary to be a competitive athlete as well as the commitment to being part of a group working toward a common goal over an extended period of time. Advanced classes include the conditioning and cognitive instruction that is not covered in the general programs. This total program makes it possible for students to achieve and understand the benefits of extensive training and that there is more to athletics than 'just playing the game.

P5500 Advanced P.E. Basketball

Grade 10 - 12

1 sem. 1/2 cr.

This course is structured for students who have exhibited advanced skills in basketball. The major emphasis of the class will be working on individual and team skills as well as physical condition. Officiating techniques will also be taught. This course will also focus on weight training and conditioning.

P5310 Advanced PE Baseball/Softball

Grade 10 - 12

1 sem. 1/2 cr.

This course is designed to introduce the student to the fundamental skills of baseball. During the course of this class the student will learn and practice various aspects of the game. Over the course of the semester the student will develop and improve physical fitness in an activity that will be beneficially carried over into adult life. They will evaluate given situations, both simulated and real, and implement the appropriate responses needed to succeed in these circumstances and practice good sportsmanship and positive social behaviors during class.

P5600 Advanced P.E. Football

Grade 10 – 12

1 sem. 1/2 cr.

This course is structured for students who have exhibited advanced skills in football techniques. The primary goals of this class are to increase the student's knowledge of football theory, develop fundamental skills, and teach the strategic theories of offense and defense, which have been used by football teams of all ages. The importance of rules, regulations, and sportsmanship are also stressed throughout the duration of the class. This course will also focus on weight training and conditioning.

P6010 Modern Dance

Grade 10 - 12

1 sem. 1/2 cr.

Dance is designed for those students interested in learning various styles of dance. Techniques in jazz, ballet, as well as modern dance will be taught. Flexibility experiences, strength training, and movement exploration will be incorporated into movement combinations. Performance opportunities will be available during each semester. This course may be repeated with instructor's approval.

P6030 Advanced Modern Dance**Grade 10 – 12****1 sem. 1/2 cr.**

Advanced Modern Dance is designed for those students who are accomplished in basic ballet and jazz technique and will serve to add to the dancer's movement vocabulary. This course will also examine elementary choreographic principles and provide an introduction to dance history. The students in this course will be expected to perform in the semester production. This course may be repeated with instructor's approval.

P6310 Aquatic Skills**Grade 10 - 12****1 sem. 1/2 cr.**

This course is structured for any student with intermediate to advanced swimming ability. Students must be able to swim 20 lengths of the pool (500 yards). This course will be taught in three areas: competitive swimming, water polo, and basic lifesaving techniques. Students can receive the American Red Cross Lifeguard certification. The American Red Cross Swimming program will be used to implement the program. The evaluation of each individual will be accomplished through observation of specific techniques as outlined by the American Red Cross time trials designed for improvement, participation, and written evaluations. This course may be repeated with instructor's approval.

P7100 Body Shaping**Grade 10 - 12****1 sem. 1/2 cr.**

The activities in this course include step and aerobic workouts, conditioning, working with weights, and a variety of other types of exercise. The course also covers nutrition, muscle identification, commercial fitness programs, and short and long-term fitness goals. **Anyone with back, knee, or ankle problems may want to consult a doctor before taking this class.** This course may be repeated with instructor's approval.

P5320 Advanced P.E. Soccer**Grade 10 - 12****1 sem. 1/2 cr.**

This course is designed to introduce the student to the fundamental skills of soccer. During the course of this class the student will learn various aspects and techniques to play and officiate. Over the course of the semester the student will practice skills as well as develop and improve physical fitness in an activity that will be beneficially carried over into adult life. They will evaluate a given situation, both simulated and real, and implement the appropriate responses needed to succeed in these circumstances and practice good sportsmanship and positive social behaviors during class.

P6420 Advanced P.E. Co-Ed Swimming**Grade 10 - 12****1 sem. 1/2 cr.**

This course is structured for students with intermediate to advanced skill in swimming. The major emphasis of the course will be advancement of the individual's current swimming skills through the implementation of the American Red Cross Swimming Program. The evaluation of each individual will be accomplished through observation of specific techniques as outlined by the American Red Cross time trials designed for improvement and participation. Emphasis will also be on the four (4) competitive strokes, starts, turns, training techniques, basic life guarding, first aid-CPR, and conditioning. This course will also focus on weight training and conditioning.

P7200 Advanced P.E. Track (Spring Only)**Grade 10 - 12****1 sem. 1/2 cr.**

This class is designed for students who have exhibited a strong interest in track and field. All phases of track and field skills will be covered with a major emphasis on conditioning and training for competition. This course will also focus on weight training and conditioning.

P5800 Advanced P.E. Volleyball**Grade 10 – 12****1 sem. 1/2 cr.**

This course is designed for students who have exhibited advanced skills in volleyball. The major emphasis of this class will be working on individual and team skills as well as physical conditioning. Officiating techniques will also be taught. This course will also focus on weight training and conditioning.

P5700 Advanced P.E. Wrestling**Grade 10-12****1 sem. 1/2 cr.**

This course is structured for students who have exhibited advanced skills in wrestling. The majority of this class will focus on improving wrestling skills and technique. You will also have to demonstrate knowledge of scoring by officiating in situational wrestling. Proper drilling of techniques learned will occur on a daily basis. Proper sport-specific weight lifting and resistance training as well as conditioning will also be required. The importance of rules and sportsmanship will be stressed throughout the duration of this class.

P9200 Sports Officiating A**Grade 11 - 12****1 sem. 1/2 cr.**

Prerequisites: Completion of Health & Physical Education requirements. 11th- 12th grade student w/department permission. One semester (*sports covered: wrestling, soccer, football*)

Students will receive extensive training in the fundamentals of specific sports and the art of officiating. Students will learn about MHSAA & NFHS rules & regulations that govern high school interscholastic sports in Michigan. Students will receive specialized training and instruction in sports officiating that may lead to becoming a licensed MHSAA official in one or more sports. Various teaching methods will be used in conjunction with this course including; video, textbook, role-play/simulation, presentations from MHSAA officials and active participation in sport. Students will also be trained in the area of CPR/First Aid.

P9201 Sports Officiating B**Grade 11 - 12****1 sem. 1/2 cr.**

Prerequisites: Completion of Health & Physical Education requirements. 11th- 12th grade student w/department permission. One semester (*sports covered: Baseball/softball, basketball & volleyball*)

Students will receive extensive training in the fundamentals of specific sports and the art of officiating. Students will learn about MHSAA & NFHS rules & regulations that govern high school interscholastic sports in Michigan. Students will receive specialized training and instruction in sports officiating that may lead to becoming a licensed MHSAA official in one or more sports. Various teaching methods will be used in conjunction with this course including; video, textbook, role-play/simulation, presentations from MHSAA officials and active participation in sport. Students will also be trained in the area of CPR/First Aid.

-SCIENCE CURRICULUM-

In order to satisfy the Michigan Science Standards, the Science Curriculum Committee has adopted the following course sequence.

<u>Required Courses</u>	
3 Total Credits required from the following courses:	
Biology	1.0
Accelerated Biology	1.0
*Chemistry	1.0
*Accelerated Chemistry	1.0
*Physics	1.0
*Accelerated Physics	1.0
<u>Elective Courses</u>	
Ecology	0.5 credit
Geology	0.5 credit
Forensic Science 1 and 2	0.5 credit each
General Astronomy	0.5 credit
Human Anatomy and Physiology	1.0 credit
AP Biology	1.0 credit
*AP Chemistry	1.0 credit

* COURSE COUNTS AS A MATH RELATED CREDIT IF IT IS NOT APPLIED AS A SCIENCE CREDIT AND IT IS TAKEN IN THE STUDENT'S FINAL YEAR

D5100 Biology

1 yr. 1 cr.

This course offers a dynamic, hands-on approach to the study of living things. Throughout the full year, students will learn to apply principles of the scientific method, using appropriate skills. They will also study: Inquiry, Reflection, and Social Implications in Biology. Students will experience laboratory work, dissections, scientific writing and cooperative learning as part of their studies. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. Semester one topics include: Ecology & Biodiversity; Evolution, Biochemistry and cells. Semester two includes topics: Organization and development of Living Systems; Genetics, and Interdependence of Living Systems. The content of Biology is in alignment with the Michigan Science Standards.

D5250 Accelerated Biology**1 yr. 1 cr.****Recommendation: Successful completion of Algebra 1 or Middle School recommendation.**

This course is designed for above-average science students who want an in-depth approach to the study of biology. It is activity-based, and includes a variety of open-ended investigations. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. Students will experience extensive laboratory work, dissections, scientific writing, and data presentation. Main areas of yearlong study include: Inquiry, Reflection, and Social Implications in Biology; Topics include: Interdependence of Living Systems and the Environment; Evolution; and the Organization and Development of Living Systems, Interdependence of Living Systems, and finishes with Genetics. The content of Accelerated Biology is in alignment with Michigan Science Standards and will fulfill the biology curriculum requirement under the Michigan Merit Curriculum.

D6630 Chemistry***1 yr. 1 cr.****Recommendation: Successful completion of Algebra 1.**

This course will help students make informed decisions about issues involving science and technology. Students will develop a lifelong awareness of the potential and limitations of science and technology. Main areas of study include: Inquiry, Reflection, and Social Implications in Chemistry; Forms of Energy; Energy Transfer and Conservation; Properties of Matter; and Changes in Matter. Because there are many scheduled labs and activities, regular attendance is important for success in this class. The content of Chemistry is in alignment with the Michigan Science Standards.

This class counts as a math related credit in student's final year and only if it is not applied as a science credit.

D6650 Accelerated Chemistry***1 yr. 1 cr.****Recommendation: Successful completion of one year of high school science and Algebra 1.**

This course is designed for above-average science students who want an in-depth approach to the study of chemistry. It will involve students in the study of matter and its changing composition. Lab work will be an integral part of the daily routine as well as significant mathematical equations. Because of these activities, regular attendance is important for success in this class. Main areas of study include: Inquiry, Reflection, and Social Implications in Chemistry; Forms of Energy; Energy Transfer and Conservation; Properties of Matter; and Changes in Matter. The content of Accelerated Chemistry is in alignment with the Michigan Science Standards and will fulfill the chemistry curriculum requirement under the Michigan Merit Curriculum. **This class counts as a math related credit in student's final year and only if it is not applied as a science credit.**

D6300 Physics***1 yr. 1 cr.****Recommendation: Successful completion of Algebra 1.**

This course is a comprehensive course that covers the fundamentals of physics. It is lab-oriented, with down-to-earth practical and applied lab experiences, designed to enhance the student's awareness of the physical science process at work in our daily world. Because there are many scheduled labs and activities, regular attendance is important for success in this class. Main areas of study include: Inquiry, Reflection, and Social Implications in Physics; Motion of Objects; Forces and Motion; Forms of Energy and Energy Transformations; Periodic Motion; Gravity; Mechanical and Electromagnetic Waves; and Electric Forces and Currents. The content of Physics is in alignment with the Michigan Science Standards.

This class counts as a math related credit in student's final year and only if it is not applied as a science credit.

D6400 Accelerated Physics*

1 yr. 1 cr.

Recommendation: Successful completion of at least one year of high school science and Algebra 1.

This is a lecture-lab course, with significant math calculations involved, designed for the college-bound student. It will provide a solid background in physics for students who plan to study the physical sciences or engineering in college. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. Main areas of study include: Inquiry, Reflection, and Social Implications in Physics; Motion of Objects; Forces and Motion; and Forms of Energy and Energy Transformations; Periodic Motion; Gravity; Mechanical and Electromagnetic Waves; and Electric Forces and Currents. The content of Accelerated Physics is in alignment with the Michigan Science Standards and will fulfill the physics curriculum requirement under the Michigan Merit Curriculum.

This class counts as a math related credit in student's final year and only if it is not applied as a science credit.

D5850 Ecology

1 sem. 1/2 cr.

Recommendation: Successful completion of first semester of Biology.

Ecology is an elective science class offered for those students who wish to learn more about the relationship between themselves and the environment. Students will learn basic concepts, terminology, and technology necessary to deal with problems in their environment. They will develop an understanding of how all living things interact with one another and the physical environment. Emphasis, through lab activities, will be placed on natural resources, pollution, agriculture, solid waste management, use of computer modeling, and current issues such as ozone layer, global warming, and environment-based diseases and their affects on the human population. Time will be spent outdoors as weather permits. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. Ecology is in alignment with the Michigan Science Standards.

D7200 Geology

1 sem. 1/2 cr.

Recommendation: Successful completion of Biology.

Geology is an elective class designed for the students interested in the planet on which we live. This class explores topics such as Volcanism, Oceanography, Rocks and Minerals, Topography, Natural Resources, Paleontology (the study of fossils, including dinosaurs), Earthquakes, Glaciers, and the Geology of National Parks. This course will be lab and activity based and will also include lectures and demonstrations. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. Geology is in alignment with the Michigan Science Standards.

D5001 Forensic Science

1 sem. 1/2 cr.

Recommendation: Successful completion of Biology.

Forensic Science is an elective course offered to those students with an interest in learning how science is used to solve crimes. This is an integrated, hands-on course involving concepts from biology, chemistry, and physics. Students will learn forensic science concepts, including fingerprinting, hair and fiber analysis, toxicology, and crime scene techniques. These are studied in detail through laboratory investigations and lectures. Because there are many scheduled laboratory activities, regular attendance is

important for success in this class. Forensic Science is in alignment with the Michigan Science Standards.

D5003 Forensic Science 2

1 sem, 1/2 cr.

Recommendation: Successful completion of Forensic Science 1 and Biology.

This course is designed for science students who want an in-depth approach to the study of Advance Forensic Science practices. Students will build upon the techniques learned in Forensic Science. It is activity-based, and includes a variety of open-ended investigations. Because there are many scheduled laboratory activities, regular attendance is mandatory for success in this class. Students will experience extensive laboratory work, scientific writing, and data presentation. Topics can include: Anthropology, Entomology, Advanced Blood Spatter, DNA, Questioned Documents, Psychology, & Time of Death.

D7110 General Astronomy

1 sem. 1/2 cr.

Recommendation: Successful completion of Biology, Chemistry or Physics, and Algebra 1.

This elective science course is designed for the student with little or no prior knowledge of astronomy. Offering students, the opportunity to explore and investigate many interesting areas of astronomy through lecture, projects, hands-on investigations, planetarium visitations and Internet resources provides a basic knowledge of our universe. Major areas of study include: famous astronomers, technology, remote sensing, stars, constellations, the universe, black holes, solar systems, deep space objects, and space travel. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. General Astronomy is in alignment with the Michigan Science Standards.

D5900 Human Anatomy and Physiology

1 yr. 1 cr.

Recommendation: Successful completion of credits of Biology.

This elective science course is a rigorous one, designed for students who are considering careers in the health professions including medicine, nursing, paramedics, laboratory technology, physical therapy, dentistry, veterinary medicine, and biological research. The structures and functions of the human body are studied in detail through laboratory investigations, field trips and lectures. Because there are many scheduled laboratory activities, regular attendance is important for success in this class.

D6660 Advanced Placement Chemistry*

1 yr. 1 cr.

Recommendation: Successful completion of Chemistry and Algebra 2.

This course is for students who wish to extend their knowledge of chemistry and its applications beyond their previous chemistry experience. Organic chemistry, rates of reactions, solubility, equilibrium, electrochemistry, and many other areas of chemistry will be covered. Students will be involved with constructivist laboratory activities to enable them to utilize their own investigative skills and devise their own methods of research and discovering. Because there are many scheduled laboratory activities, regular attendance is important for success in this class. Upon completion of the class, students are encouraged to take the AP Chemistry exam.

This class counts as a math related credit in student's final year and only if it is not applied as a science credit.

D5350 Advanced Placement Biology**1 yr. 1 cr.****Recommendation: Successful completion of Biology, Chemistry or Physics, Algebra 2, and Geometry.**

AP Biology is designed by the College Board Advanced Placement Program to be the equivalent of a two-semester college introductory Biology course usually taken by college freshmen. It is intended to be taken after successful completion of first year Biology and Chemistry (or concurrently with chemistry), and provides students with an opportunity to become critical and independent thinkers who are able to function effectively in a scientific and technological society. This process occurs as students analyze scientific and societal issues using scientific problem solving. In the end, students will emerge from this program with an appreciation and understanding of molecules, cells, heredity, evolution, organisms, and populations.

D5801 Advanced Placement Environmental Science**1 yr. 1 cr.****Recommendation: Successful completion of Biology, Algebra I, and Geometry.**

AP Environmental Science is designed by the College Board Advanced Placement Program to be the equivalent of a one-semester college introductory environmental science course. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. The main units in the course are Earth Systems and Resources, The Living World, Populations, Land & Water Use, Energy Resources & Consumption, Pollution, and Global Change.

-SOCIAL STUDIES CURRICULUM-

Required Courses

Civics/Accelerated Civics (1/2 cr.)
Economics/Accelerated Economics (1/2 cr.)
World History & Geography (1cr.)
U.S. History & Geography (1cr.)

Elective Courses

Grades 11 – 12

Ancient & Medieval World History (1/2 cr.)	Modern World History (1/2 cr.)
World Geography (1/2 cr.)	A.P. Political Science (1 cr.)
Psychology (1/2 cr.)	Sociology (1/2 cr.)
American Wars (1/2 cr.)	Humanities (1/2 cr.)
21st Century Skills (½ cr.)	A.P. U.S. History & Geography (1 cr.)
A.P. World History	

S7130 Civics

1 sem. 1/2 cr.

In this course students will examine our government, its origins, and the rights and duties of citizenship. Students will explore our Constitution to learn how the federal government functions, its powers and limitations placed on its powers. Students will also learn about structure and function of state and local governments and about the role of the United States in world affairs.

S7131 Accelerated Civics

1 sem. 1/2 cr.

Accelerated Civics takes a rigorous approach to the study of American government and politics, with an increased emphasis upon developing social studies reading, writing, note-taking and analysis skills. Students will use these skills to examine the Constitution and other primary and secondary documents to reveal the structure and processes of our federal system. Students also will study civil rights and liberties, US politics, policy and world affairs.

Accelerated Civics is demanding and requires substantial individual initiative and motivation. The pace is intense, requiring students to complete significant amounts of reading and other work at home. Students must be prepared to participate fully in reading and writing exercises, as well as discussions and presentations.

S7560 Economics

1 sem. 1/2 cr.

In this course students will look at how nations, businesses, and individuals attempt to solve the dilemma of limited resources and unlimited desires. Some of the topics students will examine in this course are prices, supply and demand, choices, and the role of government. Students will also learn about international trade and alternative economic systems. Finally, students will be asked to apply this new knowledge to their personal financial decisions.

S7561 Accelerated Economics**1 sem. 1/2 cr.**

Accelerated Economics takes a rigorous approach to the study of macro- and microeconomics, with an increased emphasis upon developing social studies reading, writing, note-taking, math and analysis skills. Students will analyze the ways that nations, businesses and individuals attempt to solve the dilemma of limited resources with unlimited wants and needs. Students will develop an economic perspective as they analyze individual decision making, markets and the role. Accelerated Economics is demanding and requires substantial individual initiative and motivation. The pace is intense, requiring students to complete significant amounts of reading and other work at home. Students must be prepared to participate fully in reading and writing exercises, as well as discussions and presentations.

S6205 World History & Geography**1yr. 1 cr.**

World History & Geography takes a global and comparative approach to studying the world, past and present. The class will cover the rise, decline, and interaction of the world's civilizations across both time and space. Students are expected to understand comparisons globally, inter-regionally, and regionally. The first semester of World History and Geography will cover the Foundation of Social Studies, Expanding and Intensified Hemispheric Interactions (300-1500 C.E./A.D.), and The Emergence of the First Global Age (15th to 18th Centuries). The second semester of World History and Geography will cover the Age of Global Revolutions (18th Century-1914), Global Crisis and Achievement (1900-1945), The Cold War and Its Aftermath: The 20th Century Since 1945, and other Contemporary Global Issues.

S5380 U.S. History & Geography**1 yr. 1 cr.**

The first semester of U.S. History & Geography will cover the period from 1870 through the Great Depression and the New Deal. Major themes of the course will include industrialization, urbanization, and movements for racial and gender equality. Additional themes include the emergence of the United States as a world power, and the social and economic changes in the years between the two world wars. There will be a continuing examination of the role of geography as a determining factor in national and world events.

The second semester of U. S. History & Geography will cover the period from 1940 to the present. The focus will be on the economic, social, and political issues that affect life in the United States and the role of the United States in world affairs. Within the range of topics to be addressed are our nation's military conflicts, the Cold War, the Civil Rights movement, conservative trends in the post-Reagan era, and the increased role of the Middle East in shaping American foreign policy. There will be a continuing examination of the role of geography as a determining factor in national and world events.

ELECTIVE CLASSES

S5000 Ancient and Medieval World History Grade 9-12 1 sem. 1/2 cr.

Departmental approval required for 9th grade students

This course will provide a topical survey of world civilizations emphasizing cultural development and institutional growth from primitive societies to medieval times. The course will focus on major civilizations such as the Chinese, the Mesopotamians, the Egyptians, the Hebrews, the Greeks, and the Romans as well as on important philosophical and religious ideas including idealism, stoicism, Christianity, and Islam.

S5100 Modern World History Grade 10-12 1 sem. 1/2 cr.

This course will offer a topical survey of the world's civilizations since the Medieval period, emphasizing cultural development and institutional growth. The major topics of study are the Renaissance, the Reformation, expansionism, militarism, political and industrial revolutions, the Enlightenment, nationalism, imperialism, political ideologies, and the interactions between the West and other cultures.

S5200 World Geography Grade 9-12 1 sem. 1/2 cr.

Departmental approval required for 9th grade students

This course is designed to make geographical studies relevant to people in the 21st Century. Student will use maps, globes, atlases, and grid-referenced technologies, such as remote sensing, Geographic Information Systems (GIS), and Global Positioning Systems (GPS) to acquire and process information about people, places, and environments. They will acquire a framework for thinking geographically, including the location and unique characteristic of places. Students will identify the physical and human characteristics of places, and will understand that people create regions to interpret Earth's complexity, and that culture and experience influence people's perception of places and regions. Students will acquire a framework for thinking about Earth's physical systems: Earth/sun relations, climate, and related ecosystems, and landforms. Students will analyze ways in which humans are affected by their physical environment.

S5400 American Wars Grade 10-12 1 sem. 1/2 cr.

American Wars will expand students' understanding of the history of the United States. The purpose of this course is to provide a study stressing the causes and effects of wars, which have influenced American History. All American wars will be studied; however, the emphasis will be upon The American Revolution, Civil War, World War II, and the current War on Terrorism. During the course, greater emphasis will be placed on the interpretation of events than on simple memorization of names and dates. This course will employ skills needed on the SAT and college entrance exams.

S7200 Psychology Grade 10-12 1 sem. 1/2 cr.

Psychology is the scientific study of human behavior and mental processes. This course is meant to be an introductory course to help prepare students for future collegiate courses in psychology. The student will be exposed to the history of psychology, the goals of psychology, learning theories, biological foundations of behavior, personality theories, mental disorders, and different types of abnormal behavior.

S7300 Sociology**Grade 10-12****1 sem. 1/2 cr.**

Sociology is the scientific study of human group relationships. This course is meant to be an introductory course to help prepare students for future collegiate courses in sociology. The course analyzes social group interaction, culture, personality, and cultural diversity. Social institutions such as the family and education along with key concepts such as cultural relativism and prejudice will be discussed. Concepts such as social stratification, cultural relativism, prejudice, and multiculturalism will be discussed.

S7600 Humanities**Grade 10-12****1 sem. ½ cr.**

Humanities are the human creations that express the human condition. The purpose of this course is to help students understand the world around them through a careful examination of human cultural heritage. Students will study the “traditional” humanities of culture, including the arts of literature, painting, music, sculpture, architecture, and the discipline of philosophy. These subjects will be studied within the context of world history in general so that students can begin to understand the connections between historical events and cultural creations.

S7020 A.P. US Government & Politics**Grade 11-12****1 yr. 1 cr.**

The Advanced Placement Government course is designed to provide student with the opportunity to pursue a college level study of political science while a student in Wayne-Westland Schools. The course will study the Constitutional underpinnings of American Government, American political beliefs and behaviors, political parties and interest groups, institutions and policies of the national government, and civil rights and liberties. At the conclusion of the course, students will write the Advanced Placement U.S. Government and Politics Examination from the College Board. Passing this A. P. examination may result in the student receiving college credit.

The materials, teaching methods, and expectations for this class are designed to be on a beginning college level. Students are expected to participate fully through readings, discussions, presentation of topical research papers, and the writing of comprehensive examinations. Demonstrated academic readiness is required for students taking this class. If you are considering taking Advanced Placement Government, you should discuss your decision with your current Social Studies teacher and with your counselor.

S7121 21st Century Issues**Grade 10-12****1 sem. ½ cr.**

21st Century Issues is a survey of American history through the eyes of select minority groups. It provides the student with the opportunity to examine diversity issues and minority groups that have made major contributions to the United States. Native American, African American, Latino, Asian, women, gay/lesbian and people with disabilities are among the groups surveyed. This course is designed to enlighten students about society by exploring differences we all share, thus providing students with valuable perspectives of the world they share.

The course examines the diverse cultural, artistic, economic, historical, political, and social aspects of American minority communities. The course will cover the historical, economic, social, and cultural development of these minority groups.

S5390 A.P. U.S. History**Grade 11-12****1 yr. 1 cr.**

This year-long survey course is designed to examine the evolution of the American nation from the period of European exploration of North America to the present. The course is designed to provide students with a college-level experience and preparation for the College Board's AP U.S. History exam in the spring, which all students are expected to take. In addition to studying historical chronologically from the Pre-Columbian era to the 21st Century, a variety of historical themes will be interwoven throughout the course. Some possible themes that will shape the course and encourage students to think conceptually about the American past are National Identity & Citizenship, Political Change & Continuity, Demographic Changes, Reform, and America's Role in World Affairs. *

Expectations in the A.P. U.S. History course will be significantly more demanding than those in U.S. History & Geography A & B. As the course covers a longer period of time, the pace of the A.P. course will be much more intense. This means that students must complete considerably more independent work – nightly homework will be the norm. This coursework will also be noticeably more challenging, in terms of both reading and writing. Emphasis will be placed on reading comprehension of a college-level textbook, as well as difficult primary source texts and the work of notable historians. Students will be expected to critically analyze these texts, both in class discussion and in writing. Timed essays (completed in two different formats that are followed on the A.P. Exam in May) will be an essential component of the course.

This course satisfies the Social Studies requirement for U.S. History & Geography.

S5391 A.P. World History**Grade 10-12****1 yr. 1 cr.**

This year-long survey course, AP World History, focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

Expectations in the A.P. World History course will be significantly more demanding than those in World History & Geography A & B. As the course covers a longer period of time, the pace of the A.P. course will be much more intense. This means that students must complete considerably more independent work – nightly homework will be the norm. This coursework will also be noticeably more challenging, in terms of both reading and writing. Emphasis will be placed on reading comprehension of a college-level textbook, as well as difficult primary source texts and the work of notable historians. Students will be expected to critically analyze these texts, both in class discussion and in writing. Timed essays (completed in two different formats following those found on the A.P. Exam in May) will be an essential component of the course.

This course satisfies the Social Studies requirement for World History & Geography.

-WORLD LANGUAGES CURRICULUM-

FRENCH

French I, II, III, IV or AP__*

SPANISH

Spanish I, II, III, IV, V or AP

SPANISH

F5010 Spanish I

Grade 9-12

1 yr. 1 cr.

The student in Spanish 1 will develop the skills necessary to understand, to read, and to write basic sentences. In addition, the student will be able to hold a limited conversation on a variety of topics. The ability to use a verb correctly in the present tense, to understand the concept of agreement of adjectives and be able to correctly describe a noun are to be mastered at this stage. The specific vocabulary presented in the first year text will also be mastered. In addition, the student will gain knowledge of geography and social customs of Spanish speaking countries.

F5020 Spanish II

Grade 9-12

1 yr. 1 cr.

The student in Spanish II will have mastered the basic skills of Spanish 1. Stress will be placed upon improving conversational, reading, and writing skills. Mastery of the two past tenses and additional grammar topics is expected at this level. Vocabulary presented in the second year text will also be mastered. Students will be expected to increase the length and complexity of their sentences by correct use of prepositional phrases, pronouns, and conjunctions. They will also demonstrate an ability to understand and reply to a conversation, based on a familiar topic, and spoken at a conversational speed.

F5030 Spanish III

Grade 9-12

1 yr. 1 cr.

The student in Spanish III will add further to those skills acquired in the first two levels of study. The student will acquire the ability to converse on a wider range of topics. The student will refine his/her knowledge of grammar and will have opportunities for reading Spanish literature of increased difficulty.

F5040 Spanish IV

Grade 10-12

1 yr. 1 cr.

The student in Spanish IV will continue to refine those skills that have already been acquired. The student will polish their knowledge of Spanish and will work toward becoming truly bilingual, and toward a better understanding of the culture and history of the Spanish-speaking world.

F7050 Spanish V

Grade 10-12

1 yr. 1 cr.

The student in Spanish V will be immersed further into the language so that they are able to understand, initiate, and sustain general conversations on a variety of topics beyond basic survival needs. There will be an emphasis on conversation along with other reading, writing, and listening activities to increase fluency. In this course the student will continue to expand their understanding of the culture and history of the Spanish-speaking world. All of the class activities will include use of the high frequency verb tenses that the students have already studied in earlier levels of Spanish.

F5070 AP Spanish Language

Grade 11-12

1 yr. 1 cr.

This year will be modeled after the Advanced Placement descriptions developed by the College Board. students will be prepared to take the Advanced Placement Language Test.

FRENCH

F6010 French I

Grade 9-12

1 yr. 1 cr.

Students in the first level will develop the necessary skills to communicate effectively about everyday situations. He/She will be introduced to the history, geography, life and customs where French is spoken. Each chapter has an accompanying video highlighting French teens and their daily activities.

F6020 French II

Grade 9-12

1 yr. 1 cr.

The second level reviews and expands the language skills acquired in the first year. Students will add to their ability to converse about a wider range of topics and will have the opportunity for reading French materials of greater depth. He/She will solidify and add to his/her understanding of the structural concepts of the language. The vocabulary presented in the videos is up-to-date and further reinforces the student's comprehension of French.

F6030 French III

Grade 9-12

1 yr. 1 cr.

This level expands upon all previously attained skills. Functional vocabulary is introduced in every chapter as well as short readings. Students will be able to converse in greater depth about everyday activities. The culture and history of the countries where French is spoken is studied in greater detail.

F6040 French IV

Grade 10-12

1 yr. 1 cr.

The student in French IV will continue to refine and improve the skills he/she has by now acquired in all aspects of the French language. He/she will strive towards making French a real second language. Short stories and essays are read in this level in addition to a thorough grammar review. Videos are presented to reinforce the student's comprehension.

F6070 French AP

Grade 11-12

1 yr. 1 cr.

This year will be modeled after the Advanced Placement descriptions developed by the College Board. Students will be prepared to take the Advanced Placement Language Test.

-MISCELLANEOUS CURRICULUM-

U8000 Computer Studies

Grade 9-12

1 sem. 1/2 cr.

This is a semester course introducing the student to a variety of computer applications and fulfills the computer credit requirements for graduation for students graduating in 2010 only. Students successfully completing this course will be able to create, format, and edit word-processing, database, spreadsheet, presentations, graphic software and photostory, along with improving basic keyboarding skills. The students will demonstrate an understanding of computer components, terminology, special key functions, history, and future implication. Mastery of all these areas will be demonstrated through hands-on activities, simulations and tests. Students will create their own web pages.

U8010 Computer Studies 2

Grade 9-12

1 sem. 1/2 cr.

Recommendation: Successful completion of Computer Studies

This is a one semester course where advanced computer technology is taught. The student will maximize their effectiveness in advanced computer techniques. Students successfully completing this course will have advanced knowledge and the ability to integrate the applications of word-processing, database, spreadsheet, HTML coding for web pages, secondary software for creating web pages and graphic software. Mastery of all these areas will be demonstrated through hands-on activities, tests, group and/or individual projects. Students will create their own web pages.

Y8500 Individual Skill Building

Grades 10-12

1 yr. 1 cr.

Recommendation: Director approval and verification of eligibility in accordance with federal guidelines and program design.

Individual Skill Building is the class name for the Upward Bound program. To prepare students for a post-secondary education, the program includes academic skill development, career awareness, college/post-secondary exploration and guidance, financial aid application assistance, as well as personal, career, and academic counseling. This is a full year program. Students must be in the Upward Bound program to enroll in Individual Skill Building.

U006HS Principles of Computing

Grade 9-12

1 sem. 1/2 cr.

To design games and apps through various coding languages, this class an interactive tutorial system that builds problem solving skills and allows students to experience coding in a supportive and exciting environment. Principles of Computing I explores how computers can be used to solve real-world problems. Principles of Computing I is designed for any student that is interested in learning more about computers, software, and coding. This course teaches the fundamentals of programming and computational thinking and it will instill confidence in working with technology. Our teachers and mentors foster creativity, curiosity, and collaboration.

X0100 Leadership Skills/ Development**Grade 10-12****1 sem. 1/2 cr.**

This course will give any interested student the opportunity to examine and practice the skills needed to be an effective leader. The class provides time and exercises to examine these skills as they relate to each individual. This class will help each student: Identify leadership styles, practice group-processing skills, develop an improved self-image about their own leadership ability, improve their communication skills, help them learn the importance of setting both long and short-term goals, define and practice appropriate problem-solving techniques, and commit to a time of community service outside of school to put all of these objectives to use. This class is open to students in grades 10-12; enrollment requires approval from the instructor.

-CENTER BASED PROGRAM-

Center Based Program courses earn credits towards Certification of Completion only *.

Z1600

Daily Living Skills

1yr. 1 cr. *

This is a yearlong course designed to improve the daily living skills of the student. Skills include personal hygiene, toileting, grooming, and basic homemaking. The student will further develop personal leisure skills such as music appreciation, individual and group activities, and relaxation techniques. The student will also be supervised as they develop skills in community awareness and mobility.

Z1610 Basic Language Arts Skills

1yr. 1 cr. *

This is a yearlong course designed for students who need readiness skills for reading, writing, and language. Academic strands include the development of both expressive and receptive language and comprehension through picture communication, alphabet and sight word recognition, vocabulary building, literature appreciation, storytelling skills, and the use of assistive communication technology. These skills are presented on individualized levels to students who function below a first grade reading level.

Z1625 Participatory Life Skills

1yr. 1 cr. *

This is a yearlong course in which students participate at their own individualized level to develop fine motor, discrimination, and productivity skills which are related to various tasks. Tasks are matched to a student's ability to participate in the activity, and can range from sorting (by color, shape, and size) to simple assembly to basic cleaning and organizational tasks. Perceptual discrimination skills are highlighted.

Z1630 Personal Adjustment

1yr. 1 cr. *

This is a yearlong course designed to develop a greater awareness of self and interpersonal relationships across a variety of settings. The focus on developing appropriate relationships includes the individualized development of cooperation, following directions, seeking help, increasing self-control, reducing impulsivity, and delaying the need for gratification. The student will also develop their sense of respect for the property, rights, and physical safety of others through group activities and the following of classroom rules.

Z1650 Early Math & Science

1yr. 1 cr. *

This is a yearlong course that focuses on the basic elements of math and science. Students develop their individual awareness of the physical environment and the passage of time through activities such as daily calendar, weather, and tracking the changing of the seasons. They develop their knowledge of the mathematical world through activities such as the study of patterns in their environment and the manipulation of puzzles. They also increase their awareness of the science of life through activities such as the study/care of animals in their habitats, as well as the following of recipes in basic cooking activities.

Z9015 Basic Reading/English Skills**1 yr. 1 cr. ***

A yearlong course designed for students who lack grade level mastery in reading, writing and language. Academic strands include alphabet and sight word recognition, reading comprehension, vocabulary and composition skills that are presented on individualized levels to students who function below a fourth grade reading level.

Z9150Y Supported Life Skills**1 yr. 1 cr. ***

This is a yearlong skills-based course predominantly geared to enhance students' social, self-care, and team skills. Daily living, self-advocacy, and leisure skills will be addressed in addition to the social skills generally required in the workplace. Students may also do some career exploration/research during the class for general career awareness purposes. To enhance skill acquisition, there is a community-based experience component, which allows for some real world practice of some of the skills being covered. This course is designed for students on a supported living/career pathway.

Z6663 Career Math**1 yr. 1 cr. ***

A yearlong course designed to teach basic computational skills and consumer math skills. Skills are presented on individualized levels. Students will learn math that involves problem solving and practical life applications. Computers and calculators are utilized as adaptive devices to insure the acquisition of independent living skills.

Z9600 Learning Skills**1 yr. 1 cr. ***

This is a full year course designed to improve the independent living skills of the student. Skills include personal hygiene and grooming, along with activities of daily living. The student will further develop leisure skills such as music appreciation, individual and group activities and relaxation techniques.

Z5450Y Semi-Independent Life Skills**1yr. 1 cr. ***

This is a year long course focusing on team building and team participation skills. Social skills generally required in the workplace are also reinforced, mixed with some general career awareness. Additionally, remedial and functional math skills are highlighted such as number recognition and basic computational skills. Calculators are used in the course. Applied problems and practical applications are the focus. This course is designed for students on a supported living/career pathway.

Z7006 Recreational P.E.**1 yr. 1 cr. ***

Class is designed for students with adaptive needs in areas of physical development. Physical developmental areas include gross and fine motor skills. Activities and exercises will encourage muscle strength, flexibility and range of motion. Modified team games will provide an opportunity to improve skills in sports and increase lifetime fitness appreciation.

Z6635 Creative Reading**1 yr. 1 cr. ***

This is a yearlong course which focuses on reading comprehension, word recognition, vocabulary, spelling, grammar and punctuation. The course is designed to improve reading skills and written language skills. Reading materials which emphasize life and daily living activities.

Z9045 Peer Adjustment**1 yr. 1 cr. ***

A yearlong course designed for individual or group participation. The course will teach students different problem solving techniques and value clarification as related to personal, school and community life. Life skill activities are also integrated. Topics that evoke critical thinking and resolve social issues are incorporated to enhance pre-vocational and employability skills.

-CROSS-CATEGORICAL PROGRAM-

Cross-Categorical Program courses earn credits towards Certification of Completion only *.

Z1010 Practical English**Grade 9 and 10****1 yr. 2 cr. ***

This yearlong course is designed to give students specific, concentrated experiences which focus on individualized reading levels. Language skills in comprehension, vocabulary and composition are developed using a real world emphasis. This course is taught in a two-hour block and on a two-year cycle.

Z1011 English Applications**Grade 11 and 12****1 yr. 1 cr. ***

This yearlong course is designed to develop practical application of language skills, including composition, vocabulary and comprehension. This course may be scheduled as a one-hour class or a two-hour block and the content is taught in a two-year cycle.

Z1020 Practical Math**Grade 9 and 10****1 yr. 1 cr. ***

This course is designed with an emphasis on application of mathematical concepts to practical life situations. Students focus on improving basic skills while developing problem solving abilities. This course content is taught in a two-year cycle.

Z1030 Practical Science**Grade 9 or 10****1 yr. 1 cr. ***

This yearlong class focuses on the application of scientific concepts. Students will develop an understanding of scientific inquiry and observation methods along with vocabulary development.

Z1040 Practical Social Studies**Grade 9 or 10****1 yr. 1 cr. ***

The course content centers around learning basic concepts in Social Studies through the use of local community and global materials. Students develop an understanding of local community cultures and groups.

Z1041 Political Science Applications**Grade 11 or 12****1 yr. 1 cr. ***

The focus of this yearlong course is the application of political science concepts to community and student-focused issues. Through the use vocabulary and authentic materials, students learn the value of participation in government.

Z1055 Y Functional Life Skills 1**Grade 9 and 10****1 yr. 2 cr. ***

In this yearlong course, students work to develop interpersonal skills, team skills, and task completion skills that are generally required to function in social settings such as the workplace. Students complete a variety of tasks involving career exploration. This course is a two-hour block, and the content is taught in a two-year cycle.

Z1060 Y Functional Life Skills 2 Grade 11 or 12 1 yr. 1 cr. *

In this year-long course interpersonal skills, team skills, and task completion skills that are generally required to function in social settings such as the workplace continue to be emphasized and reinforced. At this level, students are expected to demonstrate application of these skills. Students work to understand the requirements of various opportunities while they learn more about how to secure and maintain employable status.

Z1061 Community Resource Applications Grade 11 or 12 1 yr. 1 cr. *

This course content relies on the use of local community resources to develop self-advocacy and independence in the participants. Students explore recreation and leisure opportunities and related to post-secondary transition skills.

TRANSITION PROGRAMMING

Z8081-3 a.m. Skills Center 1 yr. 3 hr. 1 1/2 cr. *

Z8084-6 p.m. Skills Center 1 yr. 3 hr. 1 1/2 cr. *

Western Wayne Skill Center is a special education center providing vocational education programs and training for students having difficulty completing a regular vocational education program. The training will emphasize universal work skills and entry level job positions.

Z9820 Skills for Adult Life 11-Post Certificate 1/2 credit each semester*

Skills for Adult Life focuses on the young adult as an individual preparing for responsibilities in home, family, and work environments. The student will learn to identify personal strengths and weaknesses, develop life management skills, utilize problem-solving methods, enhance functional academics, and practice employability skills. A portion of this class will be dedicated to the creation of a portfolio of individual accomplishments to showcase the student's development and attainment of independence skills.

Z9822 Self Advocacy Skills: 11-Post Certificate 1/2 credit each semester*

Self Advocacy Skills is designed to assist students in understanding their learning strengths, the nature of their disability, effective communication, and how to become a skilled self advocate. Throughout the course, students will learn to identify their learning style and strategies to help successfully attain personal life goals. Classroom activities will teach students to advocate for themselves by effectively using communication skills. Students will also increase problem solving and informed decision making skills when communicating their needs to achieve their goals in the home, school, and community setting.

**Z9800 Individual Vocational Training: 11-Post Certificate TBD by Transition
Coordinator***

The Individualized Vocational Training (IVT) program is specifically designed for those students whose vocational education interests and needs cannot be met in regular, adapted, or special education/vocational education programs. The IVT program model provides a vocational education alternative that allows students to attend vocational training sites. The training site is directly involved in the student's vocational education program. To be eligible for this program, the student must be earning a

certificate of completion and not a diploma. The transition coordinator will develop the student's vocational education program to include:

- Individualized goals and objectives based on Transition Plan and Education Development Plan
- Identification of the number of hours of training
- Determination of the amount of credit the student is to receive
- Making arrangements for the placement of the student in the community based vocational education program
- Development of an evaluation system to determine if the goals and objectives have been met

Z9821 Functional Learning Skills: 11-Post Certificate 1/2 credit each semester*

Consumer Literacy is a course focused on helping students to maximize and enhance academic skills for independent life. All four core academic areas (Language, Math, Science and Social Studies) will be addressed to meet the unique needs of each learner in his or her journey towards independence. Student needs and preferences will drive the classroom experiences and enhancements with modern educational technology will be utilized as much as possible.

Z7021-Z7026 Work Study: 11-Post Certificate TBD by Transition Coordinator*

Work Study is a continuation of vocational education and consists of on the job training, related counseling and follow up services for students eligible for special education. Students in this course must be in enrolled in the Cross Categorical Transition Program

*** = Credit in this course may only be earned towards a Certificate of Completion.**

- JROTC -

(Junior Reserve Officers' Training Corps)

<u>Number</u>	<u>Course Title</u>	<u>Grades</u>
X1001*	<u>JROTC I</u> (1 Credit)	9-12
X1002	<u>JROTC II</u> (1 Credit)	10-12
X1003	<u>JROTC III</u> (1 Credit)	11-12
X1004	<u>JROTC IV</u> (1 Credit)	12

***THIS CLASS QUALIFIES FOR VPAA CREDIT**

JROTC Program of Instruction

JROTC is designed as a full year college prep leadership course. The JROTC Curriculum is based on a systematic progression of learning that is designed for the students' development at each grade level. Students are expected to take the courses in the recommended sequence. The scope, focus, and content of the curriculum are sequential and build upon the previous year's instruction.

The JROTC Program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The program is a stimulus for promoting graduation from high school and it provides instruction and rewarding opportunities which will benefit the student, community and nation.

The JROTC program is a cooperative effort on the part of the Army and Wayne-Westland Schools to provide our students opportunities for total development. The flexibility of the program allows it to bear the scrutiny of professional educators and to meet the needs of the community. Satisfactory completion of the program can lead to a full 4 year college scholarship, advanced placement credit in the Senior ROTC Program or advanced rank in the Military Services.

JROTC students have the opportunity to compete for a 4-year college scholarships to a college of their choice. This scholarship could exceed \$60,000. Applications are available to all juniors and seniors on-line. The program of instruction consists of 4 years of instruction with 108 core hours per semester and at least 72 optional hours per semester (180 total). Students are required to participate in at least one after school activity (Homecoming Parade and Awards Ceremony) per semester as outlined in each semester course syllabus. All other activities outside the classroom are voluntary.

Overall program learning objectives:

1. Appreciation of the ethical values and principles, that underlie good citizenship which includes citizenship, responsibility, and respect for constituted authority.
2. Development of leadership potential with the ability to live and work cooperatively with others.
3. Ability to think logically and to communicate effectively both orally and in writing.
4. Appreciation of the importance of physical fitness in maintaining good health.
5. Knowledge of the efforts and dangers of substance abuse, ways to resist pressures to try drugs and how to help others to avoid them.
6. Development of mental management abilities including goal setting, visualization and positive self talk.
7. Familiarity with the history, purpose and structure of the military services.
8. Knowledge of educational and vocational opportunities and the development of basic skills necessary to work effectively as a member of a team.
9. Understanding the importance of high school graduation to a successful future.

X1001 JROTC I*

Grade 9-12

1yr. 1cr.

This year long course is designed to provide for the successful transition of students into high school and for their motivation to achieve successfully throughout their high school experience and beyond. The course strives to develop in each student a positive self-image, self-confidence, motivation and a positive attitude toward learning. Individual guidance and direction is provided from the Instructors with an emphasis on developing attitudes and study skills that will enable each student to make the high school experience a success.

This class qualifies for student's VPAA credit.

X1002 JROTC II

Grade 10-12

1yr. 1cr.

Recommendation: Successful completion of JROTC I

This year long course is committed to enhancing the growth and development of the student as a total person. These subjects will help the student develop a combination of skills, attributes, and inner strengths in areas such as leadership, lifelong learning, complex thinking, communicating effectively, collaborating, being a responsible citizen and improving the student's future employability potential.

X1003 JROTC III

Grade 11-12

1yr. 1cr.

Recommendation: Successful completion of JROTC I and II

This year long course reinforces the competencies and foundation skills that continue the systematic progression of JROTC instruction. Students are provided numerous situations and opportunities that will prepare the student for success, both in and out of the classroom. This course is designed to enhance the student's leadership skills and potential and develop an awareness of leadership values. It also enhances the student's self-esteem by building upon self-awareness and self-discipline, improving physical fitness and sharpening oral and written communication skills.

X1004 JROTC IV**Grade 12****1yr. 1cr.****Recommendation: Successful completion of JROTC I, II, III**

This year long course continues the JROTC leadership progression of instruction. Students will be involved more as a leader, teacher and mentor within the JROTC program. These leadership and academic opportunities will enable the student to succeed both in school and after graduation. Students will be responsible not only for themselves but also for underclass students who are just entering the program. Students will learn the basic leadership assessment principles and how to display leadership potential by solving problems and supervising situations and subordinates. Also basic management skills and decision-making processes are introduced and used in service learning projects.

William D. Ford Career-Technical Center
2018-2019 Course Descriptions
Upon successful completion of two years in the same program,
college credit may be available.

MATH OFFERINGS FOR CAREER-TECHNICAL CENTER

Math Skills A (M6120ACT)	1 sem. 1/2 cr.
Math Skills B (M6120BCT)	1 sem. 1/2 cr.
Algebra 2A (M6134ACT)	1 sem. 1/2 cr.
Algebra 2B (M6134BCT)	1 sem. 1/2 cr.

**For descriptions of these courses please refer to the math department.*

Embedded Algebra 2

Embedded Algebra 2 will be offered in Alternative Energy Tech, Construction Tech I, Electronics/Robotics Tech I and Welding Tech I. The credit will be offered in the same time frame as the CTE class. The credit, per semester, will be 1 credit CTE program .1/2 credit Algebra 2.

ALL CAREER-TECH PROGRAMS MEET THE FOLLOWING REQUIREMENTS FOR GRADUATION:

Senior Year Math Related

The credit, per semester, will be 1/2 credit 4th year Math related.

Visual, Performing or Applied Arts

The credit, per semester, will be 1/2 credit VPAA credit.

3rd Year Science

1.0 credit may be counted as a 3rd year Science credit provided the student completes the one-year program.

NOTE: Students must successfully complete a full year in the SAME program to meet the requirement for awarding the Science credit.

World Language

1.0 credit may be applied as a second year World Language credit, provided the student completes the one-year program.

NOTE: Students must successfully complete a full year in the SAME program to meet the requirement for awarding the World Language credit.

Successful completion of a one-year Career-Tech program will earn 3 elective credits in any combination of CTE, 4th year Math related, VPAA, World Language, or Science credit as noted above *except* the 2-hour block COMPUTER AIDED DRAFTING/DESIGN and the 2-hour block EMT, which will earn 2 elective credits in any combination of the above.

V7210 Alternative Energy Technology

1 yr. 3 cr.

This program of Alternative Energy will introduce and develop the basic skills necessary to succeed in the new “green” and high-tech world of alternative energy. The course encompasses several aspects of solar power. Students will explore the basic concepts of solar power and its applications, with an emphasis on photovoltaic systems. The students will also analyze the modern applications and utilization of wind power, concentrating on the usage of varying sizes of wind turbines for use in urban, rural, and industrial areas. Textbook theory is reinforced by many practical application lab projects, culminating in working with solar panels and wind turbines. This course will also explore biomass production, which will include alternative fuels used in electricity generation.

V7210EM Alternative Energy Technology with Embedded Algebra 2

1 yr. 3 cr.

(successful completion of this class will fulfill the Algebra 2 graduation requirement)

V0210 Auto Body Repair I

1 yr. 3 cr.

V0210M Auto Body Repair I (Plus Math Course)

1 yr. 2 cr.

This program is designed to teach the skills of repairing minor collision damage to motor vehicles, as well as minor restoration and refinishing of completed vehicles. The student will learn how to use grinders and polishers, air sanders, spray guns and sheet metal pulling devices.

V0220 Auto Body Repair II

1 yr. 3 cr.

V0220M Auto Body Repair II (Plus Math Course)

1 yr. 2 cr.

Recommendation: Successful completion of Auto Body Repair I and Instructor’s Recommendation

The second year course is designed for the advanced student who wishes to gain additional experience in painting and learning the principles of frame and unibody straightening. A limited number of students will be selected by the instructor based on interest and ability.

V0320 Automotive Technology II

1 yr. 3 cr.

V0320M Automotive Technology II (Plus Math Course)

1 yr. 2 cr.

This program is designed to prepare students for a career in automotive technology. Students learn shop practices, use of tools, shop safety and the use of diagnostic test equipment. Theory and practice are combined to perform basic service in engine repair, engine performance, electrical systems, brake systems, suspension and steering and air conditioning. Selected students will be able to participate in our factory and dealer sponsored AYES Program leading to internships at local dealerships. Aptitude, good attendance and enthusiasm are essential for selection and participation in the AYES Program.

V3810 Computer Aided Design/Drafting I (CADD)**1 yr. 2 cr. OR 1yr. 3cr.****Recommendation: Successful completion of Basic Drafting**

CADD is a high-tech computer approach to drafting that introduces individuals to the planning, preparation and interpretation of architectural and mechanical sketches. Students will be provided extensive experience involving the following: CADD as a tool for constructing drawings; sketching; and model building. Emphasis will be on learning and applying the functions of AutoCAD 2007, Inventor 11, Revit 9.0, and Rhino 3.0 software programs. The focus will be on developing students' skills and knowledge essential for employment as an entry-level designer.

V3820 Computer Aided Design/Drafting II (CADD)**1 yr. 2 cr. OR 1yr. 3cr****Recommendation: Successful completion of CADD I and Instructor's Recommendation**

The second year course is designed for the motivated student who wishes to further explore more advanced industry-related design projects and have the opportunity to compete in various Architecture and Technical design-drafting competitions, including MITES and SkillsUSA. Students will continue to develop their portfolio, with an emphasis on expanding the students' knowledge and skills involving the software introduced in CADD I.

V0510 Construction Technology I**1 yr. 3 cr.**

Beginning with safe use of hand and power tools, this course will guide you through most of the steps you need to know to build a house. Learn to read and follow a blueprint, and estimate materials, labor costs, and even profit! All aspects of framing including floors, walls, staircases, and roof systems are covered. You will learn to install drywall, siding, shingles, windows, door, baseboards, electrical, plumbing, and much more. Next year, build or remodel a house in Construction Technology II.

V0510EM Construction Technology I with Embedded Algebra 2**1 yr. 3 cr.**

(successful completion of this class will fulfill the Algebra 2 graduation requirement)

V0620 Construction Technology II (Home Construction)**1 yr. 3 cr.****Recommendation: Successful completion of Construction Technology I and Instructor's Recommendation**

This is the real deal! Students actually build or remodel a residential home. The skills applied include: completing rough/finish carpentry, plumbing, heating/cooling, electrical, drywall, cabinetry, masonry, flooring and all types of siding. All skills applied in this course prepare students for a career in the construction industry and for successful completion of the State of Michigan Residential Contractors Licensing test.

V1310 Culinary Arts and Hospitality I**1 yr. 3 cr.****V1310M Culinary Arts and Hospitality I (Plus Math Course)****1 yr. 2 cr.**

This program prepares students for occupations in the culinary arts and hospitality industry. Learning includes both classroom and laboratory work. The classroom work is designed to teach basic and advanced techniques and procedures used in commercial food service, as well as CORE information on travel, tourism and lodging industry. The laboratory work is used to teach the functions of the commercial kitchen, chef, short order cook, prep cook, and dining room service. The labs are divided into workstations that each student will rotate through. The students will operate many pieces of equipment including ovens, combi-therm ovens, rack ovens, mixers, slicers, fryers, and griddles, as well as a touch screen POS dining room system. Students will prepare food for the Cafe` Marquette, a public restaurant, Skills Grill, a student restaurant, as well as banquets and off-site catering.

V1320 Culinary Arts and Hospitality II**1 yr. 3 cr.****V1320M Culinary Arts and Hospitality II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Culinary Arts and Hospitality I and Instructor's Recommendation**

Culinary Arts and Hospitality II is a continuation of Culinary Arts and Hospitality I. This course offers the student an opportunity to improve performance objectives, specialize in specific advanced skill areas and gain limited management experience.

V3220 Digital Media Technology I**1 yr. 3 cr.****V3220M Digital Media Technology I (Plus Math Course)****1 yr. 2 cr.**

In the Digital Media Technology students will investigate the history, technology, and modern day implications of mass media with an emphasis on video production for film, broadcast journalism, and marketing.

Photography:

Students will experience working with professional DSLR cameras and gain competencies in Adobe Photoshop CC. Students learn how to set up shoots and create photos for a professional portfolio. This includes necessary retouching, studio lighting, and photography composition utilizing the principles of design.

Video:

Students gain experience in pre production, production and postproduction. Students will experience working with cinema cameras, professional audio equipment, and lighting equipment. Students will also learn how to record video, capture professional audio, build sets, create special effects, producing music for film soundtracks/scores, scout locations, and edit video using Adobe Premiere Pro CC and Adobe After Effects. In addition, students acquire the following skills: script writing, storyboarding, and acting for the camera.

V3230 Digital Media Technology II**1 yr. 3 cr.****V3230M Digital Media Technology II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Digital Media Technology I and Instructor's Recommendation**

This course is a continuation of Digital Media Technology I, and is designed to provide students with the opportunity to work on independent study projects facilitated by the instructor. Students focus on compiling finished polished projects for a professional portfolio. Students also have the opportunity to work on district wide media projects and client projects.

Equipment:

2014 iMac Computer Lab

DSLR

Cameras

Professional RAW Video Cameras

Professional Audio Equipment

Audio Production Studio

Professional Lighting Equipment

2 Film Studios

Green Screen

Software:

Full Adobe Creative Cloud Suite

V7410 Teacher Education/Early Childhood I **1 yr. 3 cr.****V7410M Early Childhood/Teacher Education/Early Childhood I (Plus Math Course)** **1 yr. 2 cr.**

Students enrolled in this program will have the opportunity to gain knowledge and experience observing, planning and working with pre-school children three days each week in the on-site pre-school program, called Sunshine and Rainbows. Students will be responsible for completing work on class assignments, lesson planning, observations, notebooks, activity cards, and activity boxes. Each student is assigned a theme and will plan all the lesson plans. All students will go into the community to serve a two to four-week internship with children ranging from Pre-K to 4th grade. Students will complete a job portfolio second semester.

V7420 Teacher Education/Early Childhood II **1 yr. 3 cr.****V7420M Teacher Education/Early Childhood/Early Childhood/Teacher Education II**

(Plus Math Course)

1 yr. 2 cr. Recommendation: Successful completion of Early Childhood/Teacher Education I and Instructor's Recommendation

Second year students will gain additional knowledge designed to prepare them for the field of Teaching and other related occupations. They will work more independently on classroom objectives. Each student is assigned a theme and will plan all the lesson plans. Students will be responsible for completing work on class assignments, lesson planning, observations, notebooks, activity boxes and researching various forms of children's literature. Students will also serve a two to three-week internship with children ranging from Pre-K to 6th grade and will update their job portfolios.

V2610 Electronics/Robotics Technology I **1 yr. 3 cr.****V2610EM Electronics/Robotics Technology I with Embedded Algebra 2** **1 yr. 3 cr.**

(successful completion of this class will fulfill the Algebra 2 graduation requirement)

This program will introduce and develop electronic technology skills necessary to succeed in this highly technical world. Through extensive hands-on experience, basic concepts will be taught, building a solid foundation of knowledge. The students will also be introduced to alternative energies and their applications. Troubleshooting areas are taught in conjunction with the proper use of various test equipment such as the volt ohmmeter, digital multi-meter, signal generator and oscilloscope. An introduction to robotics with basic lab assignments is also a part of this course. Students complete projects and demonstrate their skills and abilities on an ongoing basis throughout the course.

V2620 Electronics/Robotics Technology II **1 yr. 3 cr.****Recommendation: Successful completion of Electronics Technology I and Instructor's Recommendation**

The second year of this program takes students deeper into electronics/robotics technology theory through the study of the principles of semiconductor technology, digital fundamentals and robotic fundamentals. In addition to theory and concepts, students take part in extensive hands-on laboratory projects throughout the course. These laboratory projects simulate the real world problems providing students with the optimum foundation of skills necessary to be competitive in today's job market.

V5010 Emergency Medical Technician (EMT)**1 yr. 2cr. OR 1 yr. 3 cr.**

This course is offered to *senior students only*. Students must be 18 years old within one year of course completion to be eligible to take the National Registry EMT B-Exam. Students must pass the class with 80% or higher to be eligible to take the National Registry EMT written and practical skills exams. Students will be required to complete a minimum of 36 clinical experience hours, 24 hours with an EMS provider in an ambulance and 12 hours in an emergency room at a local hospital. These clinicals will be scheduled through the Career-Technical Center. Upon passing the EMT B-Exam, the student is eligible to continue their studies to be a paramedic.

V6110 Firefighter**1 yr. 3 cr.****V6110M Firefighter (Plus Math Course)****1 yr. 2 cr.**

This course is designed for students who are interested in firefighting and related careers. This course will prepare the student for attendance in a fire academy. Academic and practical skills will be patterned after the guidelines of the Michigan Firefighter Training Council, giving the student a comprehensive preview of academy objectives. Students will learn such skills as safety, communication, rescue and extrication, forcible entry, use of hoses, water supply, fire control, fire prevention and public education. Students will learn on authentic equipment including a fire truck, ambulance, fire hoses, harnesses, protective suits, static climbing ropes, Jaws of Life, and fire service hand tools. Students will work to achieve certifications in First Aid, CPR and AED.

V7110 Game Design and Programming I**1 yr. 3 cr.****V7110M Game Design and Programming I (Plus Math Course)****1 yr. 2 cr.****Recommendation: Strong computer skills and math background are helpful**

This course introduces students to computer programming through game design. It is intended for students who want to pursue a career in an information technology field such as: engineering, programming, or consulting. Students focus on proper planning, programming and testing of various games. The primary tool used is ActionScript 3 which is the language used by Adobe Flash. Example games include: Space Rocks, puzzles, a racing game, and a platform game with multiple levels. Students learn and have direct practice applying programming topics, including: functions, arrays, loops, classes, sprites, animation, sound, and game physics. Progress from being just a game player to a game designer!

V7120 Game Design and Programming II**1 yr. 3 cr.****V7120M Game Design and Programming II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Game Design I and Instructor's Recommendation**

This course builds on the first year of game design and programming. Its primary focus is to extend the skill-set from Year 1 into mobile and app development. The course is intended for those who successfully completed the first year of the program and want to pursue a career in information technology. Students will explore the leading smart device operating systems, such as iOS and Android, and research development tools for each. Students will learn about and develop web apps that can be used and played on a variety of different devices. In addition, students will research "native" app development by comparing the costs and benefits compared to web apps. Explore the latest technologies and prepare for the continued rise of Smart Phone and Tablets. Instead of simply noting "there's an app for that", students will be able to say "I *made* an app for that."

V1010 Graphic Design I**1 yr. 3 cr.****V1010M Graphic Design I (Plus Math Course)****1 yr. 2 cr.**

This class is directed toward the development of industry-standard skills in visual communication. Course of study includes:

- Print design and production - Students will create identity materials, brochures, flyers, CD covers, posters and a variety of other print materials.
- 2D traditional and digital illustration - Students will create 2D illustrations using traditional drawing media as well as digital media. Adobe Photoshop will be stressed.
- 3D modeling, rendering, and animation Students will create 3D models, adding materials & textures, background images, and key framing objects for animation and walkthroughs.
- Web design, publication and production - Introduction to digital design and imaging for use in developing web sites. Rich media, Flash and gif animations will be emphasized
- Display graphics, silk screen - Students will create signage, automotive graphics, heat transfers, and silk screens.

V1020 Graphic Design II**1 yr. 3 cr.****V1020M Graphic Design II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Graphic Design I and Instructor's Recommendation**

Second year students will concentrate on competitions, scholarships, portfolios, and self promotion. Students will prepare themselves for a transition to work or post-secondary education. All second year students will have a digital and traditional portfolio upon graduation.

V1510 Graphic/Printing Communications I**1 yr. 3 cr.****V1510M Graphic/Printing Communications I (Plus Math Course)****1 yr. 2 cr.**

Students will be exposed to all aspects of the graphics industry. Students will learn design and layout, computer-to-plate preparation, operating offset presses, bindery equipment, dye sublimation, vinyl sign making and t-shirt printing. Software includes: Adobe InDesign, Photoshop and Illustrator. Students create their own business cards, greeting cards, buttons, brochures, coffee mugs, and T-shirts. As training progresses student will work on "real customer" printing jobs including forms, prom tickets and invitations. In the second semester, students may be eligible for Co-op, learning on the job while being paid. There are many employment opportunities after completing high school. Interested in college? Graphic/Printing scholarships are available to students who successfully complete one or two years of Graphic/Print Communications. Students are encouraged to participate in Skills USA, Michigan Industrial Technology Education Society (MITES), and Gutenberg competitions and awards.

V1420 Graphic/Printing Communications II**1 yr. 3 cr.****V1420M Graphic/Printing Communications II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Graphic/Printing Communications I and Instructor's Recommendation.**

Advance students are in charge of running a printing business within the classroom. They will work with customers, fill out work orders, produce real printed jobs, estimating, inventory, equipment maintenance, and basic press repairs. Students rotate where needed to complete jobs, but may choose to spend most of their time specializing in one department to advance their skill level for employment. Students are highly encouraged to participate in Skills USA, Michigan Industrial Technology Education Society (MITES), and Gutenberg competitions and awards.

V1610 Health Occupations I**1 yr. 3 cr.****V1610M Health Occupations I (Plus Math Course)****1 yr. 2 cr.**

This program prepares the male and female student to assist nurses and other medical staff to provide patient care. The student will learn basic anatomy and physiology, patient care, first aid, CPR, medical terminology, physical therapy skills, employability skills and the concepts of medical ethics. Clinical experience in a nursing home, which is mandatory, will be scheduled during class time. Students will be required to wear a uniform, obtain a physical examination and tuberculin test. Students participate in job shadowing experiences in various allied health occupations.

V1620 Health Occupations II**1 yr. 3 cr.****V1620M Health Occupations II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Health Occupations I and Instructor's Recommendation**

This program provides the student who is interested in preparing for a career in nursing, or other patient care areas, a greater opportunity for increasing skills and comfort with patient care. It also provides training in those skills needed as a Treatment Technician or Home Health Aide, Unit Clerk, Veterinary Aide and Physical Therapy Aide. Hands-on experience in the following areas is provided: orthopedics, labor and delivery, postpartum, neuro rehabilitation care, and care of preoperative and postoperative patients, as well as geriatric patients. Separate clinical experiences are provided for veterinary students and sports medicine/physical therapy students. A uniform, physical exam and tuberculin test are required for both classes. Students will participate at local veterinary hospitals practicing veterinary assistant skills. Additionally, students participate in a physical therapy clinical and a Hospital Unit Clerk clinical experience.

V0110 Heating/Air Conditioning/Refrigeration I**1 yr. 3 cr.****V0110M Heating/Air Conditioning/Refrigeration I (Plus Math Course)****1 yr. 2 cr.**

This program will prepare you for an exciting and rewarding career in the diagnosis, maintenance, installation and repair of residential and commercial heating and air conditioning systems. Students will learn safety, basic electricity, electronics, refrigeration, air-conditioning/ventilation and the use of test equipment in this field for installation and troubleshooting. Students also learn wiring diagrams, controls and tools. Frequent lab work allows students to apply skills learned in class on real equipment. The curriculum also allows students to use electronic, digital and computer controls for managing energy systems found in large office and industrial buildings.

V0120 Heating/Air Conditioning/Refrigeration II**1 yr. 3 cr.****V0120M Heating/Air Conditioning/Refrigeration II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Heating/Air Conditioning/Refrigeration I and Instructor's Recommendation**

Be your own boss and specialize in solid-state controls on state-of-the-art equipment. Students will troubleshoot ice machines, electric heat, oil, and learn the new refrigerants and change outs. They will also design and fabricate sheet metal ductwork for their systems in the lab. Students will learn to solder and braze pipe and cut and thread gas pipe. Preparation for E.P.A. exam is also included.

V1810 Media Production I**1 yr. 3 cr.****V1810M Media Production I (Plus Math Course)****1 yr. 2 cr.**

Students gain practical knowledge of color and black and white digital photography. Other instruction includes: pinhole photography, portraiture, commercial, photojournalism, photo restoration, and personal artistic expression. During the second semester, 16 mm motion picture film, video production, animation, documentaries, and building a portfolio or demo reel is covered. Experience in photography or other visual arts is helpful, but not required.

V1820 Media Production II**1 yr. 3 cr.****V1820M Media Production II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Media Production I and Instructor's Recommendation**

Second year students will work on advanced projects in color and black and white digital photography, cinematography, animation, and video editing. Every student's main goal will be specializing in a particular aspect of one of the above fields. The projects will be more in depth and will require self-direction. Students will be responsible for creating their own portfolio.

V2710 Medical Assisting I**1 yr. 3 cr.****V2710M Medical Assisting I (Plus Math Course)****1 yr. 2 cr.**

Medical Assisting, I focuses on both administration and clinical skills necessary for employment in an outpatient medical facility. Administrative skills include computer applications, communications, patient accounting, insurance billing and coding, appointment scheduling and medical office management. Clinical skills include ECG, injections, phlebotomy, medication administration, vital signs, sterile technique and laboratory procedures. Anatomy and physiology, medical terminology and medical math are covered in depth in this class. Certification in CPR, First Aid and ECG are available upon completion of requirements. Uniform is required for this program.

V2720 Medical Assisting II**1 yr. 3 cr.****V2720M Medical Assisting II (Plus Math Course)****1 yr. 2 cr.****Recommendation: Successful completion of Medical Assisting I and Instructor's Recommendation**

Medical Assisting II utilizes advanced level skills to improve students' competencies for specialized areas. A requirement of this program is a mandatory, unpaid clinical externship in a medical office/clinic and hospital facility. Emphasis is placed on anatomy and physiology, medical terminology, medical math, transcription, phlebotomy and medical office leadership. Uniform is required for this program.

V2110 Welding Technology I**1 yr. 3 cr.****V2110EM Welding Technology I with Embedded Algebra 2****1 yr. 3 cr.**

(successful completion of this class will fulfill the Algebra 2 graduation requirement)

This program is designed to prepare students for entry-level welding occupations. Safety is learned then practiced while students work on their welding competencies in the shop. Students learn basic and advanced welding techniques in oxyacetylene, gas metal arc, shielded metal arc and gas tungsten arc welding processes. Students also use basic math and measurement skills to assist them in the building and repair of many things. Brazing, oxyacetylene cutting and blueprint reading are included in this program. The first year student may also be involved in welding competitions against other schools. Students will begin work on the required State Segments in Academics.

V2120 Welding Technology II

1 yr. 3 cr.

Recommendation: Successful completion of Welding Technology I and Instructor's Recommendation

The second year student is expected to take a leadership role among his/her peers while improving/completing objectives on all equipment. Students will continue work on the required Segments in Academics as well as mastering welding competencies in the shop. Potential welding engineering students will do additional course study in preparation for engineering school demands. Students are involved in welding competitions against students from other schools. These competitions may lead to college credits, awards, prizes, certificates and/or employment. The second year student will weld in all positions, while fabricating projects and repairing an assortment of equipment. Advanced students will be introduced to automated welding with a robot.

CO-OP (Cooperative Education)

1 sem. ½ cr.

Requirements: Minimum age 16, reliable transportation and available to work a minimum average of 10 hours per week. The job must be related to student's career goals and an educational course. (Career goals identified by EDP (Educational Development Plan.)

Students gain valuable employment skills on a paid job related to course work and career goals. CAPSTONE students may be able to enroll in Co-op as a 1st or 6th hour class allowing for late arrival or early release from school OR students may be eligible for an additional ½ elective credit per semester by adding a 7th hour to their schedule. In addition to providing extra credit, 7th hour provides a competitive edge to students. A maximum of 3 elective credits can be earned through any combination of work-based learning programs.

Interested students should return a completed *Application for Work Related Programs* to their Counselor or Co-op Coordinator. Application does not guarantee eligibility or acceptance. **Enrollment is dependent on approval of Co-op Coordinator with eligibility considerations being: recommendation of related course instructor and/or counselor, date of Co-op application, past employment history, current work status, and school record.** Upon enrollment, Co-op Coordinator has the discretion to remove a student who is not maintaining attendance, grades, and punctuality at school and/or work.

V-7018

1 sem. ½ cr.

Contact Co-op Coordinator at (734) 419-2142

CAPSTONE: Career-Tech students who meet requirements and have successfully completed at least one semester of one of the following classes:

Alternative Energy
Auto Body
Auto Tech
CADD
Early Childhood/Teacher Education
Construction Tech I (In-School)
Construction Tech II (Site)
Culinary Arts/Hospitality
Digital Media
Electronics/Robotics Technology

EMT Emergency Medical Technology
Game Design & Programming
Graphic Design
Graphic/Print Communications
Health Occupations
Heating/Ventilation/Air Conditioning/Cooling-Refrigeration (HVAC-R)
Media Production
Medical Assisting
Welding Technology

WORK EXPERIENCE: Students not enrolled in Career-Tech courses who meet requirements:

Juniors or Seniors short credit for graduation
Marketing School Store students
Other career-oriented student considerations decided on an individual basis

National Technical Honor Society

By Nomination Only

Students attending the William D. Ford Career-Technical Center have the opportunity to become members of the National Technical Honor Society. Membership is by nomination of the career-technical instructor and is dependent on the student having a 3.25 GPA in their career-technical program and an overall career GPA of 3.0. The students must also demonstrate excellent attendance, leadership ability and the qualities to succeed in their chosen field of study. Students who are members of NTHS participate in community service projects each year. They have the opportunity to receive letters of recommendation and scholarship information from the NTHS national office.

Michigan Virtual High School Classes Online

The *Michigan Virtual School* is an online resource that enables Michigan high schools and middle schools to provide courses (all taught by certified teachers provided by Michigan Virtual School) that students would not otherwise have access to. The *Michigan Virtual School* enables all schools to offer students equal access to diverse courses that traditional high school cannot provide. It helps them provide a way for students to build technology skills and tools that will help them succeed.

To learn more about the courses offered and course descriptions, please visit www.mivhs.org.

Dual Enrollment/Direct College

Dual Enrollment/Direct College Grade 9-12 TBD by student

PREREQUISITE: Qualifying test score. Please discuss this with your counselor. Students enrolled in these classes will be taking a college course while in high school. Students may select from a variety of college courses. Students interested in taking these classes should discuss these options with their counselor. **These classes qualify for a student's VPAA credit.**

Dual Enrollment Options

Students taking dual enrollment are electing to take a college course at a college campus. Students in dual enrollment are responsible for transportation to and from the college campus. Students are subject to the college's rules and regulations as well as WWCS's.

Students will also need to bring a transcript from the college to their counselor upon course completion.

X2000 Dual Enrollment NN

Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2010- Dual Enrollment YY

Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2020- Dual Enrollment YN

Student electing this option are electing to have the college course count for high school credit but no high school GPA points.

Direct College Options

Students taking direct college are electing to take a college course that is offered during the school day and at their current high school. Students are subject to the college's rules and regulations as well as WWCS D's.

X2060-Eng 119 Dir College NN

This course will provide opportunities for students to work with a variety of forms that will lead to the mastery of effective organization, topic development and appropriate styles, including the development of processes of thoughtful and analytical reading skills.

Written work is required weekly. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit, thus this option will not count as VPAA credit.**

X2061-Eng 119 Dir College YY

This course will provide opportunities for students to work with a variety of forms that will lead to the mastery of effective organization, topic development and appropriate styles, including the development of processes of thoughtful and analytical reading skills.

Written work is required weekly. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2062-Eng 119 Dir College YN

This course will provide opportunities for students to work with a variety of forms that will lead to the mastery of effective organization, topic development and appropriate styles, including the development of processes of thoughtful and analytical reading skills.

Written work is required weekly. Student electing this option are electing to have the college course count for high school credit but no high school GPA points.

X2063-Eng 120 Dir College NN Prerequisite: ENG 119

This course provides continued practice for clear expository writing. It is designed for the development of analytical expression and critical literary judgment, and serves as an introduction to research procedures. Students electing this option are electing to have no high school credit and no high school GPA points.

This option will not count as high school credit; thus this option will not count as VPAA credit.

X2064-Eng 120 Dir College YY Prerequisite: ENG 119

This course provides continued practice for clear expository writing. It is designed for the development of analytical expression and critical literary judgment, and serves as an introduction to research procedures. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2065-Eng 120 Dir College YN Prerequisite: ENG 119

This course provides continued practice for clear expository writing. It is designed for the development of analytical expression and critical literary judgment, and serves as an introduction to research procedures. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2066-Speech 101 Dir College NN

In this course there will be the study and application of basic principles underlying effective oral communication with emphasis on public speaking. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2067-Speech 101 Dir College YY

In this course there will be the study and application of basic principles underlying effective oral communication with emphasis on public speaking. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2068-Speech 101 Dir College YN

In this course there will be the study and application of basic principles underlying effective oral communication with emphasis on public speaking. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2069-Math 155 Dir College NN

This course includes the solution of linear, quadratic and fractional equations and inequalities, lines, parabolas and circles are studied. The concept of function is presented and polynomial, rational, inverse, exponential and logarithmic functions are studied and graphed. The use of graphing technology or a computer algebra system is required. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2070-Math 155 Dir College YY

This course includes the solution of linear, quadratic and fractional equations and inequalities, lines, parabolas and circles are studied. The concept of function is presented and polynomial, rational, inverse, exponential and logarithmic functions are studied and graphed. The use of graphing technology or a computer algebra system is required. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2071-Math 155 Dir College YN

This course includes the solution of linear, quadratic and fractional equations and inequalities, lines, parabolas and circles are studied. The concept of function is presented and polynomial, rational, inverse, exponential and logarithmic functions are studied and graphed. The use of graphing technology or a computer algebra system is required. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2072- ANT 152 Dir College NN

The physical and cultural nature and development of humans in relationship to their environment. Race and human variation, archaeology and its uses, the nature and function of culture and the relevance and application of anthropology in modern society. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2073- ANT 152 Dir College YY

The physical and cultural nature and development of humans in relationship to their environment. Race and human variation, archaeology and its uses, the nature and function of culture and the relevance and application of anthropology in modern society. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2074-ANT 152 Dir College YN

The physical and cultural nature and development of humans in relationship to their environment. Race and human variation, archaeology and its uses, the nature and function of culture and the relevance and application of anthropology in modern society. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2075-SOC 100 Dir College NN

In this course students will examine basic sociological concepts such as theories of social organization research, methods of research, culture, society and social groups, the socialization process, social class and social mobility, race and ethnic relations. Social institutions such as education, family, religion and government will also be discussed. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2076- SOC 100 Dir College YY

In this course students will examine basic sociological concepts such as theories of social organization research, methods of research, culture, society and social groups, the socialization process, social class and social mobility, race and ethnic relations. Social institutions such as education, family, religion and government will also be discussed. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2077-SOC 100 Dir College YN

In this course students will examine basic sociological concepts such as theories of social organization research, methods of research, culture, society and social groups, the socialization process, social class and social mobility, race and ethnic relations. Social institutions such as education, family, religion and government will also be discussed. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2078-PHL 201 Dir College NN

This course covers basic problems in philosophy. Readings encompass ethics, politics, science and metaphysics to give students experience in critical thinking to promote objectivity. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2079-PHL 201 Dir College YY

This course covers basic problems in philosophy. Readings encompass ethics, politics, science and metaphysics to give students experience in critical thinking to promote objectivity. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2080-PHL 201 Dir College YN

This course covers basic problems in philosophy. Readings encompass ethics, politics, science and metaphysics to give students experience in critical thinking to promote objectivity. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2081-PSY 101 Dir College NN

This course is an introduction to the study of human behavior and mental processes, concepts, theories and principles of scientific psychology. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2082-PSY 101 Dir College YY

This course is an introduction to the study of human behavior and mental processes, concepts, theories and principles of scientific psychology. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2083-PSY 101 Dir College YN

This course is an introduction to the study of human behavior and mental processes, concepts, theories and principles of scientific psychology. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2084-HUM 101 Dir College NN

This course covers how painting, sculpture and crafts, film and architecture affect our lives. This question is examined in relation to the individual and society with emphasis on how to look at a work of art. The course is designed for people who make up audiences and for the student who would like to be a more creative person and a better informed consumer. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2085-HUM 101 Dir College YY

This course covers how painting, sculpture and crafts, film and architecture affect our lives. This question is examined in relation to the individual and society with emphasis on how to look at a work of art. The course is designed for people who make up audiences and for the student who would like to be a more creative person and a better informed consumer. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2086-HUM 101 Dir College YN

This course covers how painting, sculpture and crafts, film and architecture affect our lives. This question is examined in relation to the individual and society with emphasis on how to look at a work of art. The course is designed for people who make up audiences and for the student who would like to be a more creative person and a better informed consumer. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2087-HUM 221 Dir College NN

Consumerism and aesthetics are stressed in this intensive study of visual arts. The course includes theories of color, design and current views on the educational value of children's art and recommendations for collecting art for home and office. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2088-HUM 221 Dir College YY

Consumerism and aesthetics are stressed in this intensive study of visual arts. The course includes theories of color, design and current views on the educational value of children's art and recommendations for collecting art for home and office. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2089-HUM 221 Dir College YN

Consumerism and aesthetics are stressed in this intensive study of visual arts. The course includes theories of color, design and current views on the educational value of children's art and recommendations for collecting art for home and office. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2090-HUM 231 Dir College NN

This course covers a general approach to film, offering a comprehensive view of motion pictures as a communications medium, an industry, and an art form. Includes historical highlights, aesthetic approaches and criticism and fundamentals of production. Students will view films. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit, thus this option will not count as VPAA credit.**

X2091-HUM 231 Dir College YY

This course covers a general approach to film, offering a comprehensive view of motion pictures as a communications medium, an industry, and an art form. Includes historical highlights, aesthetic approaches and criticism and fundamentals of production. Students will view films. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2092- HUM 231 Dir College YN

This course covers a general approach to film, offering a comprehensive view of motion pictures as a communications medium, an industry, and an art form. Includes historical highlights, aesthetic approaches and criticism and fundamentals of production. Students will view films. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2093-HUM 232 Dir College NN

This course covers a historical approach to motion pictures from the early experimenters and pioneers. It includes the major trends in U.S. and world film production, the relation of film to society and film as communications medium and art form. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2094-HUM 232 Dir College YY

This course covers a historical approach to motion pictures from the early experimenters and pioneers. It includes the major trends in U.S. and world film production, the relation of film to society and film as communications medium and art form. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2095-HUM 232 Dir College YN

This course covers a historical approach to motion pictures from the early experimenters and pioneers. It includes the major trends in U.S. and world film production, the relation of film to society and film as communications medium and art form. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2096- AAS 131 Dir College NN

Structure and function of American government. Critical inspection of city, state, and federal government operations and their responsiveness to the needs of African-Americans and other minorities. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2097-AAS 131 Dir College YY

Structure and function of American government. Critical inspection of city, state, and federal government operations and their responsiveness to the needs of African-Americans and other minorities. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2098- AAS 131 Dir College YN

Structure and function of American government. Critical inspection of city, state, and federal government operations and their responsiveness to the needs of African-Americans and other minorities. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2099-AAS 140 Dir College NN

Fundamental concepts and principles of psychology from the African-American perspective. Emphasis on behavioral elements affecting black and white relations, and on linkages between the behavior of traditional and contemporary African people. The role of the black family in the struggle for equality and liberation is explored. Students electing this option are electing to have no high school credit and no high school GPA points. **This option will not count as high school credit; thus this option will not count as VPAA credit.**

X2100-AAS 140 Dir College YY

Fundamental concepts and principles of psychology from the African-American perspective. Emphasis on behavioral elements affecting black and white relations, and on linkages between the behavior of traditional and contemporary African people. The role of the black family in the struggle for equality and liberation is explored. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2101-AAS 140 Dir College YN

Fundamental concepts and principles of psychology from the African-American perspective. Emphasis on behavioral elements affecting black and white relations, and on linkages between the behavior of traditional and contemporary African people. The role of the black family in the struggle for equality and liberation is explored. Student electing this option are electing to have the college course count for high school credit but no high school GPA points

X2109-HIS 220 Dir College NN

This course covers the historical development of Michigan from the period of the French exploration to the present. The major political, social and economic developments of the state. Emphasis on southeastern Michigan, especially the metropolitan Detroit area. Students electing this option are electing to have not high school and no high school GPA points. **This option will not count as high school credit; thus it will not count as VPAA credit.**

X2109-HIS 220 Dir College YY

This course covers the historical development of Michigan from the period of the French exploration to the present. The major political, social and economic developments of the state. Emphasis on southeastern Michigan, especially the metropolitan Detroit area. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2109-HIS 220 Dir College YN

This course covers the historical development of Michigan from the period of the French exploration to the present. The major political, social and economic developments of the state. Emphasis on southeastern Michigan, especially the metropolitan Detroit area. Students electing this option are electing to have the college course count for high school credit but not for high school GPA points.

X2111-ECO 101 Dir College NN

This course is the study of macroeconomics. The following topics are discussed: operation of the national economy, unemployment, inflation, money and banking and international economic relations. Students electing this option are electing to have not high school and no high school GPA points. **This option will not count as high school credit; thus it will not count as VPAA credit.**

X2111-ECO 101 Dir College YY

This course is the study of macroeconomics. The following topics are discussed: operation of the national economy, unemployment, inflation, money and banking and international economic relations. Students electing this option are electing to have the college course count for high school credit and for high school GPA points.

X2111-ECO 101 Dir College YN

This course is the study of macroeconomics. The following topics are discussed: operation of the national economy, unemployment, inflation, money and banking and international economic relations. Students electing this option are electing to have the college course count for high school credit but not for high school GPA points.

Anti-Discrimination Policy Notice

It is the policy of the Wayne-Westland Community Schools Board of Education to prohibit any acts of unlawful discrimination in all matters dealing with students, employees, or applicants for employment. The Wayne-Westland Schools reaffirms its policy of equal educational and employment opportunities for all persons without regard to race, color, gender, religion, age, height, weight, marital status, or disability which is unrelated to an individual's qualifications for employment or promotion, or which is unrelated to an individual's ability to utilize and benefit from the School District's services, activities, benefits, privileges, or programs. Inquiries concerning the application of Title VI, Title IX, Section 504, and Title II legislation should be directed to the Executive Director of Student and Legal Affairs, Wayne-Westland Community Schools, 36745 Marquette, Westland, MI 48185 (734-419-2083).

Illegal Discrimination, Harassment and Retaliation (Students)

In General

Illegal discrimination and harassment of students are prohibited by federal and Michigan laws. This policy is intended to promote compliance with these legal obligations. This policy is also intended to establish a procedure for students and employees to follow when illegal discrimination or harassment has been alleged or has occurred. This policy is not intended, and should not be construed, to expand the liability of the district, district employees or students for illegal discrimination or harassment.

Prohibited Acts

District employees, other persons associated with the district and students are prohibited from discriminating against students on the basis of race, color, national origin, gender, religion, age, height, weight, marital status or disability. District employees, other persons associated with the district and students are also prohibited from harassing students on the basis of race, color, national origin, gender, religion, age, height, weight, marital status or disability. Prohibited harassment occurs when a student is subjected to unwelcomed statements or behaviors related to his or her race, color, national origin, gender, religion, age, height, weight, marital status or disability and:

- Submission to the statements or behaviors is a condition of utilizing or benefiting from district services, activities, benefits, privileges or programs;
- Submission to or rejection of the statements or behaviors is used as a basis for a decision to limit or prevent the student's access to district services, activities, benefits, privileges or programs; or,
- The statements or behaviors substantially interfere with the student's education to the extent he or she is effectively denied access to district services, activities, benefits, privileges or programs.

Grievance Procedure

Any student who believes he or she has been subjected to prohibited discrimination or harassment is required to report the allegation to his or her principal or assistant principal. Alternatively, if the student believes his or her principal or assistant principal has engaged in prohibited discrimination or harassment, he or she is required to report the allegation to a trusted counselor or teacher. Any district employee who receives an allegation of prohibited discrimination or harassment from a student is required to immediately report the allegation to the district's Executive Director for Student and Legal Affairs.

The district's Executive Director for Student and Legal Affairs, or his or her designee, upon receiving a report of prohibited discrimination or harassment, is required to promptly conduct and complete an investigation. The nature of the investigation will depend on the allegation. However, the investigation will typically include: obtaining a complete written statement of the student's allegation; obtaining any evidence supporting the

allegation, such as witness interviews, documents or other physical evidence; interviewing the alleged perpetrator; and, obtaining any evidence supporting the perpetrator's response to the allegation.

The district's Executive Director for Student and Legal Affairs, or his or her designee, after completing the investigation, will reach a conclusion whether the student was subjected to prohibited discrimination or harassment. The district's Executive Director for Student and Legal Affairs may also conclude that, based on the evidence, he or she is unable to reach such a conclusion. If prohibited discrimination or harassment has occurred, the district's Executive Director for Student and Legal Affairs, in consultation with the district's Superintendent, will take the remedial action he or she deems reasonable and appropriate to prevent the recurrence of prohibited discrimination or harassment and, if appropriate, impose sanctions against the perpetrator. When prohibited discrimination or harassment has not occurred or the district's Executive Director for Student and Legal Affairs is unable to reach a conclusion based on the evidence, he or she, in consultation with the district's Superintendent, may take reasonable steps to address the complaining student's legitimate concerns. The district's Executive Director for Student and Legal Affairs, will promptly communicate his or her conclusions to the student and the alleged perpetrator and will, in addition, communicate this policy's prohibition against retaliation.

Prohibition Against Retaliation

The district prohibits retaliation against any student who has, in good faith, reported an allegation of prohibited discrimination or harassment. Students are required to immediately report allegations of retaliation as set forth above. Similarly, reports of retaliation will be investigated and disposed of as set forth above.

Confidentiality

The objectives of this policy are met best by maintaining the confidentiality of allegations of violations of this policy; as well as the notes, papers and reports obtained or produced of the district's Executive Director for Student and Legal Affairs in the course of his or her activities pursuant to this policy. Therefore, the district will maintain the confidentiality of such allegations and notes, papers and reports to the maximum extent permitted by law.

Notification

The district will notify all district employees, parents and students of this policy. This policy will also be posted or otherwise published as required by law.

Contact Information

Director of Student Services
Wayne-Westland Community Schools
36745 Marquette
Westland, MI 48185
734-419-2083