

20256-20267

DURAND AREA HIGH SCHOOL



COURSE DESCRIPTION GUIDE

6/29/26

NAME: _____

DURAND AREA HIGH SCHOOL
4-YEAR Educational Employment Development Plan

Occupational Interests: _____

Post-Secondary Plans: *(Circle One)*

Enter Work Force

Voc. Tech. School

Armed Services

Community College

4yr College Degree

Graduate School

<i>Freshman Year (9th)</i>	<i>Sophomore Year (10th)</i>	<i>Junior Year (11th)</i>	<i>Senior Year (12th)</i>
English I	English II	English III	English IV / Elective
Math (level dependent on math skills)	Math (level dependent on math skills)	Math (level dependent on math skills)	Math (level dependent on math skills)
Biology I or Zoology/An.Sci.	Environmental Science/Nat.Res. or Chemistry	Chemistry, Food Chemistry, Physics, or advanced science	Elective / Elective
Geography / World History I	U.S. History I / U.S. History II	Government / Economics	Elective / Elective
Physical Education I/Elective	Elective/Elective	Elective/Elective	Elective / Elective
Health / Elective	Elective / Elective	Elective / Elective	Elective / Elective

**Online Experience (1 credit) will be integrated in course work.*

**Class of 2028 and beyond will be required to complete .5 credit of personal finance. This could be taken during any year of high school.*

List additional classes you would be interested in taking:

- _____
- _____
- _____
- _____

DETAILED GRADUATION CHART – CLASSES of 2026 through 2027

SUBJECT	DURAND REQUIREMENTS	INFORMATION	STATE OF MICHIGAN
ENGLISH	4 CREDITS	*English I or Honors English I *English II or Honors English II *English III or Honors English III *One Senior Elective (1 credit minimum) – English IV; Dramatic Literature; English Composition; Debating Social Issues; Publications I; Publications II AP Language & Composition; AP English Literature & Composition; Novels; Creative Arts; Expository Writing; Science Fiction; Speech; Literature-Based Movies; Practical Applications of English	4 CREDITS
MATHEMATICS	4 CREDITS	*Geometry (required) *Algebra I (required) *Algebra II (required) *Fourth-Year Math-Related Credits: *Algebra III/Trigonometry; Wood Tech; Agri-Business; Personal Finance I/II; Adulting 101; *Advanced Placement Calculus; Pre-Algebra; Stats and Probability; Accounting; POE; *Indicates College Prep Sequence	4 CREDITS
SCIENCE	3 CREDITS	Biology I OR Zoology/An.Sci. Environmental Science/Nat.Res. Chemistry I/Food Chem./Physics	3 CREDITS
SOCIAL STUDIES	3 CREDITS	World History I/World Geography US History I/II OR AP US History Government or AP Government/Economics	3 CREDITS
PHYSICAL EDUCATION	½ CREDIT	PE I Athletic Readiness, Fit for Life	1/2 CREDIT
HEALTH EDUCATION	½ CREDIT	Health Science or Essentials of Healthy Living	1/2 CREDIT
VISUAL PERFORMING APPLIED ARTS	1 CREDIT	See VPAA section	1 CREDIT
TECHNOLOGY		Integrated throughout coursework	1 CREDIT
ADDITIONAL CREDIT	4 CREDITS		
WORLD LANGUAGE	*2 CREDITS	*2 CREDITS of the same language OR 1 CREDIT of world language AND COMPLETION of a CTE PROGRAM OR 1 credit of world language AND 1 CREDIT of VPAA	
TOTAL 22 CREDITS (24 possible)			

DETAILED GRADUATION CHART – CLASS of 2028 and beyond

SUBJECT	DURAND REQUIREMENTS	INFORMATION	STATE OF MICHIGAN
ENGLISH	4 CREDITS	*English I or Honors English I *English II or Honors English II *English III or Honors English III *One Senior Elective (1 credit minimum) – English IV; Dramatic Literature; English Composition; Debating Social Issues; Publications I; Publications II AP Language & Composition; AP English Literature & Composition; Novels; Creative Arts; Expository Writing; Science Fiction; Speech; Literature-Based Movies; Practical Applications of English	4 CREDITS
MATHEMATICS	4 CREDITS	*Geometry (required) *Algebra I (required) *Algebra II (required) *Fourth-Year Math-Related Credits: *Algebra III/Trigonometry; Wood Tech; Agri-Business; Personal Finance I/II; Adulting 101; *Advanced Placement Calculus; Pre-Algebra; Stats and Probability; Accounting; POE; *Indicates College Prep Sequence	4 CREDITS
SCIENCE	3 CREDITS	Biology I OR Zoology/An.Sci. Environmental Science/Nat.Res. Chemistry I/Food Chem./Physics	3 CREDITS
SOCIAL STUDIES	3 CREDITS	World History I/World Geography US History I/II OR AP US History Government or AP Government/Economics	3 CREDITS
PHYSICAL EDUCATION	½ CREDIT	PE I Athletic Readiness, Fit for Life	1/2 CREDIT
HEALTH EDUCATION	½ CREDIT	Health Science or Essentials of Healthy Living	1/2 CREDIT
VISUAL PERFORMING APPLIED ARTS	1 CREDIT	See VPAA section	1 CREDIT
TECHNOLOGY		Integrated throughout coursework	1 CREDIT
PERSONAL FINANCE	½ CREDIT	Personal Finance I or II Agri-Business, Adulting 101	½ CREDIT
ADDITIONAL CREDIT	3 ½ CREDITS		
WORLD LANGUAGE	*2 CREDITS	*2 CREDITS of the same language OR 1 CREDIT of world language AND COMPLETION of a CTE PROGRAM OR 1 credit of world language AND 1 CREDIT of VPAA	
TOTAL 22 CREDITS (24 possible)			

INTRODUCTION

The purpose of this guide is to help you explore and develop ideas and directions regarding your employment and educational interests, which will become the foundation of the career/s you will pursue after you complete your high school education. The information in this Guide will introduce you to the six (6) Career Pathways. Using this information, you will be able to develop and update your Durand Area High School: 4 Year EEDP (Employment and Educational Development Plan) which is on the preceding page. You developed your EDP using the Xello program beginning in 6th grade. The 4 Year EEDP should be revisited and revised as your employment and educational interests develop and change. It is recommended that the 4 Year EEDP be reviewed and discussed at least yearly with an interested adult (parents/relative/mentor/counselor).

CAREER PATHWAYS

What Are Career Paths?

- Career Paths are clusters of careers that are grouped together because they share similar interests and strengths. The six paths all include several occupations that require varying levels of education and training.
- Career Paths are for all students to help prepare for the future by providing an area of focus, along with a variety of ideas to pursue. All abilities, interests, talents, and desired levels of education are included in each of the Career Paths.
- Career Paths are blueprints for planning your education. You can better decide which courses to take, as well as in which activities you can participate to better prepare you for the path you choose.
- Career Paths are not permanent. As you experience things, you will learn more about yourself and may change Career Paths. Any change in Career Paths should be discussed with your counselor so that your future course may be adjusted to better fit the new direction.

The six (6) Career Paths are listed below:

ARTS AND COMMUNICATIONS

Occupations in this career path are related to the humanities and the visual, performing, literary and media arts. These may include architecture, interior design, creative writing, film, fine arts, graphic design, journalism, languages, radio, television, and advertising, public relations, and fashion design.

BUSINESS, MANAGEMENT, MARKETING AND TECHNOLOGY

Occupations in this Career Path are related to the business environment. These may include sales, marketing, computer information systems, finance, accounting, economics, and management.

HEALTH SCIENCES

Occupations in this Career Path are related to the treatment of disease, injuries and conditions, as well as the promotion of health. These may include research, prevention, and treatment technologies.

HUMAN SERVICES

Occupations in this Career Path are related to economic, political and social systems. These may include education, government, hospitality, recreation activities, religion, childcare, civil, social and personal services.

ENGINEERING, MANUFACTURING AND INDUSTRIAL TECHNOLOGY

Occupations in this Career Path are related to technologies necessary to design, develop, install, and maintain physical systems. These may include engineering, manufacturing, construction, service and service-related technologies.

NATURAL RESOURCES AND AGRISCIENCE

Occupations in this Career Path are related to natural resources, agriculture and the environment. These may include agricultural sciences, earth sciences, environmental sciences, fisheries, horticulture and wildlife.

Deciding Which Career Path to Follow:

- **Identify your interests, abilities, and talents.** Consider your special achievements, clubs and organizations that you have enjoyed. Identify which courses in school you have done well in or enjoyed. List your special interests, talents, hobbies, as well as your work experiences. You can also use the results of your testing to help you identify your interest and skill areas.
- **Consider the Career Paths in relationship to your interests, abilities, and talents.** Use career information resources to look up occupations that you are interested in. Some available resources are: Occupational Outlook Handbook, Xello
- **Keep these facts in mind:**
 1. Believe in yourself.
 2. The average adult changes careers 3 to 5 times.
 3. There are many different careers that will be good choices for you.

The following pages provide additional information specific to the Career Pathways; some examples of specific careers in the six Career Paths and the level of education required; and examples of 4 Year EDPs related specifically to a particular Career Path; and Durand Area High School course descriptions.

Enjoy your employment and educational exploration. Developing a 4 Year EEDP will provide you with an area of career focus. It will also allow you flexibility and variety when making initial and ongoing career plans and selecting school courses.

Consider the following items as you develop your 4 Year EEDP:

- Review and use the Career Pathway information presented earlier in this booklet to aid in selecting courses.
- Do your plan in pencil as a reminder that this plan can and probably will change.
- Keep a current record of the activities, honors, awards, etc. which you are involved in and receive throughout your High School career.
- Look at the electives you choose carefully to see what other Career Pathways they crossover into. This may give you additional ideas as to other Career Paths you might be interested in exploring.
- Do not forget to check prerequisites for the advanced courses you are interested in taking.

If you are planning on continuing your education beyond High School, contact the institution regarding their admission requirements. This information will be helpful in choosing electives. To receive a High School Diploma from Durand Area High School a student must fulfill the

requirements listed on **page 12** under the **BOARD OF EDUCATION POLICY FOR GRADUATION**. The recommended year the required courses should be completed are indicated in the Durand Area High School 4-Year EEDP. Following this 4-year plan will provide you with many opportunities to pursue elective courses that will help you prepare yourself to follow a career pathway that interests you. Use the table at the beginning of this guide to develop a four (4) year high school schedule specific to you. Remember, **this schedule can be changed** as you explore and develop new career and personal interests as you progress through your High School years.

ART AND COMMUNICATIONS

Are you a creative thinker? Do you like to communicate ideas? Are you imaginative, innovative, and "original"? This may be the career path for you!

TELECOMMUNICATIONS OCCUPATIONS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Public Relations	Advertising	Record/CD Clerk
Publisher	Camera Operator	Teacher Aide
Radio/TV Announcer	Desktop Operator	Photographer's Helper
Software Designer	Radio/TV Newscaster	
Technical Writer		
Film Maker		
English Teacher		

PERFORMING ARTS OCCUPATIONS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Working Artist	Dancer/Choreographer	Theater Scenery Painter
Musician	Commercial Artist	
Composer		
Booking Agent		

FINE AND VISUAL ARTS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Commercial Artist	Graphic Designer	Interior Decorator
Animator	Drafter	Sign Shop Assistant
Art Historian	Medical Photographer	Art Store Clerk
Art therapist		Window Display Designer
Graphic Designer		
Interior Designer		
Jeweler		

BUSINESS, MANAGEMENT, MARKETING AND TECHNOLOGY

Do you like taking charge of a group, planning activities and talking with others? Do you like to work with numbers or ideas and carry them through to making a product? Are you most comfortable when things are neat and orderly? This may be the career path for you!

MANAGEMENT AND ADMINISTRATIVE OCCUPATIONS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Accountant	Real Estate Manager	File Clerk
Actuary	Insurance Claim Rep	General Office Clerk
Education Administrator	Bank Teller	Receptionist
Personal Manager	Payroll Clerk	Stock Clerk
Public Relations Specialist	Retail Sales Manager	Teacher Aide
Stockbroker		Typist

MARKETING AND TECHNOLOGY OCCUPATIONS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Advertising Agent	Information Processor	Cashier
Computer Programmer	Court Reporter	Sales Clerk
Manufacturer's Rep	Statistical Clerk	Data Entry
Mathematician	Computer Technician	Postal Clerk
Statistician		Word Processor
System Analyst		
Technical Writer		

HEALTH SCIENCES

Do you like to take care of people or animals and help them get well? Are you curious about how the body works? Would you like to study diseases and look for cures? This may be the Career Path for you!

HEALTH PRACTITIONERS/DIAGNOSTICIANS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Dentist	Nurse	Animal Caretaker
Dietician	Optician	Veterinarian Assistant
Occupational Therapist	Pharmacy Technician	Home Health Care Aide
Pharmacist	Physical Therapy Assistant	
Physical Therapist	Respiratory Therapist	
Physician	Surgical Technologist	
Podiatrist		
Registered Nurse		
Speech Pathologist		
Sports Medicine		
Surgeon		

HEALTH TECHNICIANS**Bachelor's or****Graduate Degree**

Clinical Lab Technician

Medical technologist

Community College/**Technical Training**

Dental Hygienist

EKG Technician

Emergency Medical Tech

Medical Records Tech

Radiological Tech

High School Diploma

Dental Lab Aide

Optometry Assistant

HUMAN SERVICES

Do you find that people come to you for problem solving advice? Are you friendly, open, and understanding? Do you want to make things better for other people? This may be the Career Path for you!

LEGAL AND PROTECTIVE OCCUPATIONS**Bachelor's or****Graduate Degree**

Court Administrator

Lawyer

Judge

Community College/**Technical Training**

Corrections Officer

Firefighter

Police Officer

Paralegal

High School Diploma

Police Dispatcher

RELIGIOUS AND EDUCATIONAL OCCUPATIONS**Bachelor's or****Graduate Degree**

College Faculty

Counselor

Elementary Teacher

Librarian

Minister

Priest

Psychologist

Secondary Teacher

Special Education Teacher

Community College/**Technical Training**

Funeral Director

Hotel Manager

Human Services Worker

Library Tech Assistant

High School Diploma

Child Care Worker

Library Assistant

SOCIAL AND PERSONAL SERVICES OCCUPATIONS**Bachelor's or****Graduate Degree**

Economist

Sociologist

Social Worker

Urban Planner

Community College/**Technical Training**

Barber

Chef Flight Attendant

Food Services Manager

High School Diploma

Animal Caretaker

Groundskeeper

Home Health Aide

Janitor

Rail Transportation Worker

Truck Driver

ENGINEERING, MANUFACTURING AND INDUSTRIAL TECHNOLOGY

Are you mechanically inclined? Do you like to use your hands and build things? Do you find yourself looking for practical ways to make things? This may be the Career Path for you!

ENGINEERING AND INDUSTRIAL OCCUPATIONS

Bachelor's or

Graduate Degree

Aerospace Engineer
Chemical Engineer
Civil Engineer
Electrical Engineer
Industrial Engineer
Mechanical Engineer
Mining Engineer
Nuclear Engineer

Community College/

Technical Training

Aircraft Mechanic
Auto Mechanic
Diesel Mechanic
Heating/Cooling Tech
Locomotive Engineer
Robotics Technician
Tool & Die Maker

High School Diploma

Machinist
Forklift Operator
Stevedore
Welder

CONSTRUCTION AND TECHNOLOGY OCCUPATIONS

Bachelor's or

Graduate Degree

Aircraft Pilot
Architect
Air Traffic Controller
Computer Programmer
Construction Superintendent
Drafter
Landscape Architect

Community College/

Technical Training

Electrician
Plumber/ Pipefitter
Air Traffic Controller
Broadcast Technician
Engineering Technician
TV Repair

High School Diploma

Bricklayer
Drywall Installer
Insulation worker
Plaster
Roofer
Tile Setter

NATURAL RESOURCES AND AGRISCIENCE

Do you like to observe, investigate or solve problems, especially concerned with nature? Do you like to learn about plants and animals? Do you like to be active in the outdoors? This may be the Career Path for you!

BIOLOGICAL AND PHYSICAL SCIENCE OCCUPATIONS

Bachelor's or

Graduate Degree

Biologist
Biomedical Engineer
Chemical Engineer
Chemist
Civil Engineer
Geographer
Geologist
Geophysicist
Meteorologist

Community College/

Technical Training

Engineering Technician
Nuclear Quality Control

High School Diploma

Hazardous Waste Tech

AGRICULTURAL AND FORESTRY OCCUPATIONS

Bachelor's or Graduate Degree	Community College/ Technical Training	High School Diploma
Agriculture Engineer	Blacksmith	Farm Worker
Agriculture Scientist	Farm Equipment	
Co-Op Extension	Forestry Worker	
Farm Manager	Horticulturist	
Fish & Game Warden	Logger	
Forestry and Conservation	Pest Controller	
Mining Engineer	Science Technician	
Range Manager	Surveyor	
	Water Treatment Operator	

The following pages contain information concerning the requirements for graduation, the school board policies regulating the requirements and current written descriptions of the courses offered at Durand Area High School. This information is designed to acquaint students and parents with the individual departments, special information regarding selection of courses and the prerequisites needed prior to enrollment in specific courses.

THE BOARD OF EDUCATION POLICY FOR GRADUATION REQUIRES THE SUCCESSFUL COMPLETION OF 22 CREDITS FOR THE CLASSES OF 2023 THROUGH 2027.

ENGLISH	4 credits
MATH	4 credits
SCIENCE	3 credits
SOCIAL STUDIES	3 credits
TECHNOLOGY REQUIREMENT	<i>integrated into other coursework</i>
PHYSICAL EDUCATION	.5 credit
HEALTH	.5 credit
WORLD LANGUAGE	2 credits
VISUAL, PERFORMING AND APPLIED ARTS	1 credit
ELECTIVES	4 credits
 TOTAL CREDITS	 22 credits – Class of 2023 through 2027

THE BOARD OF EDUCATION POLICY FOR GRADUATION REQUIRES THE SUCCESSFUL COMPLETION OF 22 CREDITS FOR THE CLASS OF 2028 AND BEYOND.

ENGLISH	4 credits
MATH	4 credits
SCIENCE	3 credits
SOCIAL STUDIES	3 credits
TECHNOLOGY REQUIREMENT	<i>integrated into other coursework</i>
PHYSICAL EDUCATION	.5 credit
HEALTH	.5 credit
WORLD LANGUAGE	2 credits
VISUAL, PERFORMING AND APPLIED ARTS	1 credit
PERSONAL FINANCE	.5 credit
ELECTIVES	3.5 credits
 TOTAL CREDITS	 22 credits

- Students must meet the Michigan Merit Curriculum, which includes Online Experience as well as Visual, Performing Applied Arts credits. These credits may be met through the above requirements or through elective courses.
- Classes from the Industrial Arts, Life Management, Agribusiness and Business Departments as well as Vocational Shared Time classes will be accepted as Vocational Education credits. Art, Band and Vocal Music will be accepted as Fine Arts credits.
- Students can substitute one credit of the two-year foreign language requirement with the completion of a CTE program or an additional visual/performing arts course.
- The final half credit or full credit of English must be taken during a student's final year of high school.
- A third science credit can be granted for any CTE program COMPLETER (Completer = a student who has successfully completed, with a grade of C or better, courses totaling all 12 segments of instruction).
- Students may fulfill the 4th year math requirement by completing a state-approved CTE program through the SRES.
- Early College students must take a math class during their fifth year.
- Students must complete all state-mandated components of the Michigan Merit Exam (or MI Access if that is deemed appropriate for the pupil).

COURSE SELECTION/COURSE LOAD

Courses should be selected at the grade level or levels indicated in the course description. Deviations from this must be arranged with the course instructor and a counselor. Serious consideration needs to be given to the student's four-year curriculum plan, as well as future goals. The selection of a program of study is very important and should be planned very carefully. The selection should be based on a realistic and sound evaluation of the student's abilities, interests, aptitudes and future plans. This should be done in consultation with the counselor.

ADVANCED PLACEMENT COURSE GRADING SCALE

Students earning credit for an Advanced Placement will receive a grade point score based on a 5-point scale.

SCHEDULING PROCESS

In the winter, students will receive an update of next year's course offerings. They are to review all courses with their parents and fill out a course request sheet for the upcoming school year.

Each student is to meet with his/her counselor for final approval of the course requests. These meetings are scheduled by the student and continue through early April. The students' course requests are tallied by computer and a master schedule is then drawn up. A master schedule tells which courses are taught during each hour of the school day. The students' course requests are fed into a computer and matched to the master teaching schedule. The computer schedules the students.

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Those students who cannot be completely scheduled by computer due to conflicts will be seen by a counselor. Changes in course requests may be necessary at that time.

Counselors will attempt to complete follow-ups before school ends. Counselors are also available at the high school for one week after school is out and one week before school begins.

POLICY ON CREDITS

Credit is received by attaining a final grade of "D-" or above or "P" or "CR" in each course taken during that semester. For each passing grade, a student receives credit toward graduation.

DROPPING A COURSE

Because students get to select the courses they take, we do not allow drops. If a teacher feels a student is in a class which is not appropriate for his/her level, a change may be made. Please see the Student Handbook. Students who drop a class after the first week of a semester will receive a grade of "F" for the class dropped. (Exceptions will be approved by an administrator only.)

ADMINISTRATIVE RULES AND REGULATIONS

CURRICULUM EXTENSIONS - ALTERNATIVE CREDITS

Students enrolled in day high school classes may only enroll and receive credit for alternative high school completion, summer school or correspondence classes under the following circumstances:

Receive permission from the counseling office to participate in the program. The required form for this is available in the Durand Area High School Counseling Office.

The student must have failed a day-school class to make application for the class deficiency make-up. All required courses must be taken initially during day school. All tuition fees for classes must be paid by the student to the appropriate program. A maximum of only 3 credits will be accepted from any outside source.

ONLINE OPTION FOR COURSES

All courses available in the course catalog may also be offered virtually for the 2024-2025 school year. Edgenuity/Imagine Learning are additional approved providers for virtual, blended, or digital learning.

INDEPENDENT STUDY COURSES

All courses available in the course catalog may also be offered as independent study courses in the case of extenuating circumstances and with teacher approval.

STATEMENT OF COMPLIANCE WITH FEDERAL LAW

The Durand Board of Education complies with all Federal laws and regulations prohibiting discrimination and with all requirements and regulations of the U.S. Department of Education. It is the policy of the Durand Board of Education that no person shall be discriminated against on the basis of race, color, religion, national origin of ancestry, age, sex, marital status or handicap; nor shall such person be excluded from participation in, denied benefits of or otherwise be subject to discrimination in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education.

ENGLISH DEPARTMENT ENGLISH DEPARTMENT
FOUR CREDITS REQUIRED FOR GRADUATION
Course Descriptions

ENGLISH I A/B **9**

Two Semesters

Credits: 1

Using thematic units, this course is intended to teach freshmen basic reading and writing skills.

HONORS ENGLISH I A/B

Two Semesters **9**

Credits: 1

Prerequisite: Teacher Recommendation

Only students possessing advanced Language Arts skills should choose this course. Course content includes instruction in spelling/vocabulary, grammar and usage, punctuation, sentence variety, and advanced composition and literary genre. Students should expect a rigorous combination of reading and writing activities.

ENGLISH II A/B

Two Semesters **10**

Credits: 1

Prerequisite: English I

Using thematic units, this course is intended to expand upon the basic reading and writing skills from English 1 through the usage of more advanced pieces of literature.

HONORS ENGLISH II A/B

Two Semesters **10**

Credits: 1

Prerequisite: Teacher Recommendation

Only students possessing advanced Language Arts skills should choose this course. Course content includes instruction in spelling/vocabulary, grammar and usage, punctuation, sentence variety, emphasis on SAT prep work, advanced composition and advanced study literary genre. Students should expect a much more rigorous combination of reading and writing activities.

ENGLISH COMPOSITION

One Semester **10-12**

Credit: ½

Prerequisite: English I

This course emphasizes work that enables students to gain skills needed proficient writing. Among projects of the class are process analysis essay, comparison and contrast writing, cause and effect writing and persuasive essays. Work in grammar, usage and punctuation is treated as needed.

ENGLISH III A/B

Two Semesters **11**

Credits: 1

Prerequisite: English II

In addition to building on the reading and writing curriculum established in English I and II, this course will challenge students to expand their knowledge of American Literature by closely reading and analyzing a variety of short stories, novels, drama, poetry, and famous speeches, and will also require students to conduct independent research and analysis. Students will build on their grammar, usage, and mechanical skills, as well as expand their vocabulary. There is additional emphasis on argument writing and SAT preparation.

Honors English III A/B 11**Two Semesters****Credits: 1***Prerequisite: Teacher Recommendation*

Students choosing this course should have a proven record of success in English Language Arts courses. In addition to building on the reading and writing curriculum established in Honors English I and II, this course will challenge students to expand their knowledge of American Literature by closely reading and critically analyzing a variety of short stories, novels, drama, poetry, and famous speeches, and will also require students to conduct independent research and analysis. Students will build on their grammar, usage, and mechanical skills, as well as expand their vocabulary. There is additional emphasis on argument writing and SAT preparation. Honors English students should expect additional independent work and more elaborate assignment expectations compared to regular English III.

AMERICAN LITERATURE**One Semester 12****Credits: ½***Prerequisites: English I, II, III*

Students will continue to read and analyze twentieth century American short stories, poetry, and novels.

BRITISH LITERATURE**One Semester 12****Credits: ½***Prerequisites: English I, II, III*

Students will survey the works of British authors from Anglo-Saxon through Renaissance time periods.

CREATIVE ARTS**One Semester 11-12****Credits: ½**

This course engages students in a variety of writing activities: vignettes, short stories, poems and a final folio. This course will allow the student to explore new ways to write.

DRAMATIC LITERATURE**One Semester 10-12****Credits: ½**

This class will focus on theatrical performance, reading/analysis of dramatic literature, and playwriting. Topics to be studied will include: 1) the study and development of characters; and 2) the technical aspects of written drama and performance. This class may be taken more than once, as each semester is a different play/performance.

*This course fulfills .5 credits of the VPAA requirement

EXPOSITORY WRITING**One Semester 11-12****Credits: ½***Prerequisites: English I, II, III*

This course emphasizes work that enables students to gain skills needed for advanced writing. Among projects of the class are descriptive, expository and argumentative themes of 350-1000 words, paraphrasing, precise writing, and documented reports. Work in grammar, usage and punctuation is treated as needed.

NOVELS**One Semester 11-12****Credits: ½**

This class focuses on novels from a variety of genres. It allows students to go more in depth on the author's style, purpose, themes and other literary concepts.

PUBLICATIONS I

Two Semesters

10-12

Credits: 1

Prerequisite: English I

This is a course designed for the average student to acquire skills (photojournalism, online design techniques, layouts, headlines) in the journalistic style of composition, planning, organizing and completing a yearbook. The class will publish the yearbook. Interested students must fill out an application and be approved by the instructor.

PUBLICATIONS II

Two Semesters

11-12

Credits: 1

Prerequisite: Publications I

This course is designed for the student who has already taken the Publications I class and still wants to participate in publishing the Yearbook. Permission to take the class must be granted by the instructor. The role of the student will be an editor on the instructor's staff.

INDEPENDENT STUDY - PUBLICATIONS

Two Semesters

11-12

Credits: 1

Prerequisite: Publications I and II

This course is designed for the student who has already taken the Publications I and II classes and still wants to participate in publishing the Yearbook. Permission to take the class must be granted by the instructor. The role of the student will be determined by the instructor.

SPEECH

One Semester

11-12

Credits: ½

Speech is a course designed to give the student a more complete understanding of oral communication in theory and in practice. Oral class participation is required.

SCIENCE FICTION

One Semester

11-12

Credits: ½

This course explores the science fiction genre using readings, periodicals and texts involving interpretation and critique.

AP ENGLISH- LITERATURE AND COMPOSITION

Two Semesters

11-12

Credits: 1

Prerequisites: Must successfully complete English I, II, III, and have department approval (based on past performance in English classes)

This course provides college-level experience, including intensive study of works of recognized literary merit. Students will engage in careful reading and critical analysis of literature through analytical discussion and writing.

INDEPENDENT STUDY - ENGLISH

One Semester

9-12

Credits: ½

Seniors who have taken English III A and B and would like to explore further topics in the subject area may take this course upon consent of instructor. The instructor and the student will develop a plan for the course.

LITERATURE BASED MOVIES

One Semester

11-12

Credits: ½

Prerequisites: English I, English II, and English Composition

From the memorable pages to the motion pictures, this class will examine literature that has been recreated on film. We'll examine the strengths and limitations of the two forms of media. To do so, students will analyze the importance of an author's choices and use that knowledge to compare and evaluate the way a director reshapes those choices when the literature is transferred to film. For each unit, we will first read the novel and then watch the movie, and an analytical project and/or essay will follow.

AP ENGLISH-LANGUAGE AND COMPOSITION

Two Semesters

11-12

Credits: 1

Prerequisites: Must successfully complete English I, II, III, Composition, and have department approval (based on past performance in English classes)

The purpose of this class is to prepare students for the AP Language and Composition exam which provides an opportunity for college credit. Through a comparative study of rhetoric and arguments, students will develop their own knowledge of traditional and modern texts. Students will also sharpen their analytical and writing skills by preparing several full-process essays as well as many timed writings. As much as possible, students will be expected to take responsibility for their own learning, to utilize MLA research skills, and to present some of their work orally.

DEBATING SOCIAL ISSUES

One Semester

11-12

Credits: ½

Prerequisites: Economics and U.S. History I and II

This course is designed to teach students how to research and debate major issues affecting America today. Students will learn logical thinking and various fallacies in thinking as well as research and debate procedure. A series of debates will take place on student-selected and approved topics. Students must be good writers and be willing to speak in front of others. A willingness to argue and establish a position and to defend that position with facts is a core value for success in this class.

ENGLISH IV A/B

Two Semesters

12

Credits: 1

English IV builds on the skills addressed in English III. Students will read, discuss, and analyze a variety of literary genres and relate the literature to historical and social contexts. The composition and communication processes will be emphasized to prepare students for college-level writing. **This class is recommended for students who plan to attend a two or four-year college.**

MATHEMATICS DEPARTMENT
FOUR CREDITS REQUIRED FOR GRADUATION
Course Descriptions

ALGEBRA I A/B**Two Semesters****9-12****Credits: 1**

This course presents real numbers and properties that simplify expressions containing variables. It involves solving equations, graphing equations, problem solving, working with inequalities, exponents and probability. This course is designed as part of a college preparatory mathematics program.

GEOMETRY A/B**Two Semesters****9-12****Credits: 1***Prerequisite: Algebra I*

This course deals with the development of facts concerning figures made up of points and lines in two and three dimensions. One of the primary objectives of geometry is to develop logical thinking and an appreciation of the form and relationship of objects in space. Work with algebraic equations and formula is continued.

APPLICATIONS OF GEOMETRY**Two Semesters****9-12****Credits: 1***Prerequisite: Algebra I*

Applications of Geometry will be a project-based Geometry class. Students will learn the basic concepts of Euclidian Geometry and how those concepts relate to the world around them through project-based learning. Each project is based around specific driving questions and takes students on a unique journey through the geometry standards. The projects are presented in a sequence that represents a traditional geometry course.

ALGEBRA II A/B**Two Semesters****10-12****Credits: 1***Prerequisite: Geometry*

Algebra II includes a brief review of Algebra and continues with deeper insight into the concepts and meanings of mathematics. Topics include: Systems of Equations and Inequalities, Matrices and Determinants, Irrational and Complex Numbers, Quadratic Functions, Polynomial Functions, Conic Sections and Logarithmic Functions.

ALGEBRA III/TRIGONOMETRY A/B**Two Semesters****11-12****Credits: 1***Prerequisites: Algebra II*

Algebra II/Trig is a study of trigonometric functions and their applications. Topics will include analytic geometry, vectors, exponential and logarithmic functions, probability, sequences and series, complex numbers, statistics and an introduction to Calculus.

PRE-ALGEBRA**Two Semesters****9****Credits: 1**

This course offers the students a slower paced introduction and development of algebraic functions and operations. It is designed in a slower, more comprehensive format to allow students time and practice in the development of algebraic skills.

AP CALCULUS

Two Semesters

11-12

Credits: 1

Prerequisite: Algebra III/Trig

The course stresses the *why* behind the major ideas of AP Calculus. If students can grasp the reasons for an idea or theorem, they can usually figure out how to apply it to the problem at hand. The student will study four major ideas during the year: limits, derivatives, indefinite integrals, and definite integrals.

PERSONAL FINANCE I & II

One or Two Semesters

11-12

Credits: ½ - 1

Counts as 4th-Year Math Credit and/or Personal Finance Credit

This course will prepare students for their first financial years following high school. Students will learn about banking, setting financial goals, preparing a budget, the use and abuse of credit; managing checking and savings accounts, ATM and debit cards; dealing with rental college housing; saving for and buying their first house; investing, paying oneself first and the benefits of starting those savings plans now.

INTRODUCTION TO ENGINEERING DESIGN THROUGH GEOMETRY

Two Semesters

9-12

Credits: 1

Prerequisite: Algebra I and teacher recommendation

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work. Extra geometry activities will be required for students electing geometry credit.

INTRODUCTION TO COMPUTER SCIENCE

One Semester

10-12

Credits: ½

Prerequisite: Algebra 2

The course is designed for students to build an understanding of object-oriented programming concepts through Java and provide opportunities to apply knowledge and skills.

CALCULUS FOR MANAGEMENT AND BUSINESS

Two Semesters

10-12

Credits: 1

Prerequisites: Trigonometry

This course contains the following content: Polynomial, exponential and logarithmic functions and their graphs; the derivative and applications; the integral and applications; functions of several variables and partial derivatives. This course puts an emphasis on applications involving the calculus concepts in the management and business world.

PRE-CALCULUS MATHEMATICS

Two Semesters

10-12

Credits: 1

Prerequisites: Trigonometry/Algebra III

This course contains the following content that prepares for calculus: graphing, analyzing, solving and transformations of functions (including exponential, logarithmic, quadratic, polynomial, and rational) inverse functions, composite functions, and complex numbers.

PRINCIPLES OF ENGINEERING

Two Semesters

9-12

Credits: 1

Prerequisite: Introduction to Engineering Design or teacher recommendation

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Class can be used as a 4th year math or elective credit.

INTRODUCTION TO ENGINEERING DESIGN

Two Semesters

9-12

Credits: 1

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work. Class can be used as a 4th year math or elective credit.

STATISTICS AND PROBABILITY

Two Semesters

11-12

Credits: 1

This is a two-semester high school course. This course is an informative, general statistics course to include: Descriptive Statistics, Study Design, Probability, and Introduction to Inferential Statistics. Some of the topics may have been introduced in a previous math class; however, this class will explore these topics at a deeper level using real world applications and digital presentations with Google products (Docs, Sheets etc.). We will also continue to use the TI84-C Calculators as a valuable tool in setting up the data and interpreting data results through tables, graphs and itemized information. The dynamics of this course involve many opportunities for group work. This directly affects student vocabulary, communication skills, group dynamics, division of labor in projects and individual leadership.

Pre-requisites: Algebra I & Geometry. Recommended: Algebra II completion or concurrently

SCIENCE DEPARTMENT
THREE CREDITS REQUIRED FOR GRADUATION
Course Descriptions

BIOLOGY I A/B**Two Semesters****9-12****Credits: 1**

This course is designed to introduce students to the major concepts, methods and findings in the field of Biology. Topics explored will be: What is Life?; Organizing Life's diversity; A view of the Cell; Viruses, Bacteria, Protists, and Fungi; Immunity from Disease; Invertebrates: What is an Animal?; Vertebrates; Cellular Transport; the Cell Cycle; the Chemistry of Life; Energy in a Cell; Mendel and Meiosis; Mendelian Genetics; Genetic Technology; Change through time: History of Life; and the Principles of Ecology. Students will experience a varied level of teaching strategies with an emphasis on developing critical and creative problem-solving skills and techniques. The student will be expected to actively participate in Labs and Projects using the Scientific Method to investigate and answer the driving conceptual questions with an emphasis on real-world applications.

ENVIRONMENTAL SCIENCE/NATURAL RESOURCES A/B**Two Semesters****9-11****Credits: 1**

The class will emphasize the learning and application of the concepts as they are related to Natural Resources: Geosphere, Hydrosphere, Atmosphere and Weather, Fossils, Unnatural and Natural Phenomena, Ecosystems, and Matter and Energy by using a varied level of teaching strategies with an emphasis on developing critical and creative problem-solving skills and techniques. The student will be expected to actively participate in Youth Leadership Activities, Labs, and Projects using the Scientific Method to investigate and answer the driving conceptual questions with an emphasis on real-world applications.

CHEMISTRY I A/B**Two Semesters****10-12****Credits: 1**

Prerequisites: Algebra II (may be taken concurrently)

This class will study fundamental chemistry concepts as related to the Michigan Curriculum. This will include: inquiry, reflection and social implications; forms of energy; energy transfer and conservational properties of matter; and changes in matter. The student will be expected to actively participate in labs and projects using the Scientific Method to investigate and answer questions dealing with the Michigan High School Content Expectations and an emphasis on real-world applications.

FOOD CHEMISTRY A/B**Two Semesters****11-12****Credits: 1**

Prerequisites- Zoology and Environmental Science and Natural Resources, Algebra II (may be taken concurrently)

Students who take and complete this course will be able to fulfill the Chemistry requirement for graduation. The course is designed to cover all state-required Chemistry standards. The course applies basic scientific principles to food systems and practical applications. Topics will include structures and properties of matter, chemical reactions, and energy. The student will be expected to participate in Youth Leadership Activities, labs, and projects using scientific methods to investigate and answer the driving conceptual questions with an emphasis on real-world problems.

PHYSICS**Two Semesters****11-12****Credits: 1**

Prerequisite: Trig or Algebra II and teacher's permission

This class will study fundamental physics concepts related to the Michigan Curriculum. This will include: inquiry, reflection and social implications; forms of energy; energy transfer and conservational properties of matter; and changes in matter. The student will be expected to actively participate in labs and projects using the Scientific Method to investigate and answer questions dealing with the Michigan High School Content Expectations and an emphasis on real-world applications.

APPLIED CHEMISTRY

Two Semesters

10-12

Credits: 1

Prerequisites: Algebra II (may be taken concurrently)

This course will study the fundamental concepts of chemistry based on the Michigan Curriculum and the Michigan High School Content Expectations. This will include the following: inquiry, reflection, and social implications in a more qualitative approach than chemistry A and B. Students will investigate energy, matter, and the interaction of these two branches of science. The student will be expected to actively participate in labs and projects using the scientific method to come up with thoughtful answers based on real-world applications.

APPLIED PHYSICS

Two Semesters

10-12

Credits: 1

Prerequisites: Geometry

This class will study fundamental physics concepts as they relate to the Michigan Curriculum and the Michigan High School Content Expectations. This will include: Inquiry, Reflection and Social Implications, Motion of Objects, Basic Forces in Nature, Newton's Laws, and Energy Transfer. The student will be expected to actively participate in labs and projects using the Scientific Method to come up with thoughtful answers based on real-world applications.

GENETICS

One Semester

11-12

Credits: ½

Prerequisite: Biology I

Genetics is designed to give the students experience in working with the inner workings of the cell's nucleus. The course will provide experience in isolating DNA, working with *Drosophila* (fruit flies) and Mendelian genetics, *studying molecular genetics, identifying advancements in Biotechnology as they relate to Forensic Science*. Instructional techniques will emphasize the use of labs for developing critical thinking and problem-solving skills.

HUMAN ANATOMY AND PHYSIOLOGY

Two Semesters

11-12

Credits: 1

Prerequisite: Biology

Human Anatomy and Physiology deals with the fundamental study of the body with a view toward the structure and function of the body parts, organs, and systems and their relationship to the whole body. Students will explore the changes and effects of disease and illness on the functioning of the human body. Instructional techniques will emphasize the use of labs for developing critical thinking and problem-solving skills.

MICROBIOLOGY

One Semester

11-12

Credits: ½

Prerequisite: Biology I

Microbiology is designed to give the students experience in working with organisms that can only be seen with the use of a microscope. The course will provide an introduction of microbiology principles involving the study of the cell and cell processes; microorganism groups; Aseptic Techniques used in culturing bacteria, slide preparation, and staining techniques; investigating harmful microorganisms, called pathogens; genetics of microorganisms in relationship to biotechnology; and the biochemistry of microorganisms. Instructional techniques will emphasize the use of labs for developing critical thinking and problem-solving skills.

PHYSICAL SCIENCE A/B

One Semester

9-12

Credits: ½

This class will cover the prerequisites for chemistry and other chemistry topics to prepare students for chemistry. The student will be expected to actively participate in labs and projects using the Scientific Method to investigate and answer questions dealing with the Michigan High School Content Expectations and an emphasis on real-world applications.

This class will cover the prerequisites for physics and other physics topics to prepare students for physics. The student will be expected to actively participate in labs and projects using the Scientific Method to investigate and answer questions dealing with the Michigan High School Content Expectations and an emphasis on real-world applications.

AP CHEMISTRY

Two Semesters

11-12

Credits: 1

Prerequisites: Chemistry I

The AP Chemistry course is designed to be taken only after the successful completion of Chemistry I. This course will include work in the structure of matter, states of matter, chemical reactions: types, stoichiometry, equilibrium, kinetics, thermodynamics, and descriptive chemistry. This course will include a laboratory portion that will cover observation, recording data, calculating and interpreting results and communication experimental work. Part of the course is the successful completion of the AP Chemistry Examination.

See apcentral.collegeboard.com.

AP ENVIRONMENTAL SCIENCE

Two Semesters

11-12

Credits: 1

Prerequisites: Biology, Physical Science or Chemistry, and Algebra

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, 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 and/or preventing them.

PRINCIPLES OF ENGINEERING PHYSICS

Two Semesters

10-12

Credits: 1

Prerequisite: Introduction to Engineering Design or teacher recommendation

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Extra physics activities will be required for students electing physics credit.

INDEPENDENT STUDY - CHEMISTRY

Two Semesters

9-12

Credits: 1

Seniors who have taken Chemistry A and B and would like to explore further topics in the subject area may take this course upon the consent of instructor. The instructor and the student will develop a plan for the course.

AGRIBUSINESS/ AGRISCIENCE DEPARTMENT**Course Descriptions****BOTANY/PLANT SCIENCE A/B****Two Semesters****10-12****Credits: 1**

Students will begin with a general discussion of plants and their relationships and importance to man. Students will also study plant classification, cell structure, parts and functions, plant processes, and plant nutrition. Students will discuss the use of pesticides and their importance in agriculture along with mechanical safety issues (handling, application, and State/Federal regulations). The student will be expected to actively participate in Youth Leadership Activities, Labs and Projects using the Scientific Method to investigate and answer the driving conceptual questions with an emphasis on real-world applications.

ENVIRONMENTAL SCIENCE/NATURAL RESOURCES A/B**Two Semesters****10-11****Credits: 1**

The class will emphasize the learning and application of the concepts as they are related to Natural Resources: Geosphere, Hydrosphere, Atmosphere and Weather, Fossils, Unnatural and Natural Phenomena, Ecosystems, and Matter and Energy by using a varied level of teaching strategies with an emphasis on developing critical and creative problem-solving skills and techniques. The student will be expected to actively participate in Youth Leadership Activities, Labs, and Projects using the Scientific Method to investigate and answer the driving conceptual questions with an emphasis on real-world applications.

ZOOLOGY/ANIMAL SCIENCE A/B**Two Semesters****9-12****Credits: 1**

Students who take and complete this course will be able to fulfill the biology requirement for graduation. The course is designed to cover all content expectations mandated by the state for Biology. Topics will include scientific research and inquiry; cells; life processes of respiration and photosynthesis; genetics; and evolution. Hands-on projects and learning will drive all material taught in the class. The student will be expected to participate in Youth Leadership Activities, labs, and projects using the scientific method to investigate and answer the driving conceptual questions with an emphasis on real-world applications.

MECHANICAL TECHNOLOGY A/B**Two Semesters****11-12****Credits: 1***Prerequisite: Botany*

Students will experience a combination of subject matter and activities designed to develop abilities necessary for assisting with and/or performing the common and important operations or processes concerned with the selection, operation, maintenance, and use of agriculture machinery and equipment. Instructional areas will include electricity, machinery, small engine, welding and cutting, measures and calibration, and agricultural construction. The student will be expected to actively participate in Youth Leadership Activities, Labs, and Projects.

AGRIBUSINESS MANAGEMENT AND MARKETING A/B**Two Semesters****11-12****Credits: 1***Counts as 4th year math credit and/or personal finance credit*

This course is designed to introduce to students an introduction to agribusiness; accounting/economic principles; finance and credit; taxes and taxation; risk management; business operations management; human resource development; agricultural marketing, sales, trade, and advertising; government and agricultural laws; and international agriculture. Students will learn the concepts of business management and the concepts of supply and demand. Students will have the opportunity to design their own business. Stocks and the stock market will be examined, and students will have the opportunity to trade stocks. Students will be expected to actively participate in Youth Leadership Activities, Labs, and Projects. The course can count as 4th year math credit.

INDEPENDENT STUDY - BOTANY

Two Semesters

9-12

Credits: 1

Seniors who have taken Botany and would like to explore further topics in the subject area may take this course upon the consent of the instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY - ZOOLOGY

Two Semesters

9-12

Credits: 1

Seniors who have taken Zoology and would like to explore further topics in the subject area may take this course upon the consent of instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY MECHANICAL TECHNOLOGY

Two Semesters

9-12

Credits: 1

Seniors who have taken Mechanical Technology and would like to explore further topics in the subject area may take this course upon the consent of the instructor. The instructor and the student will develop and complete projects to deepen their knowledge of Mechanical Technology.

FFA NATIONAL ORGANIZATION

FFA is a national organization with members preparing for leadership and careers in the science, business, and technology of agriculture. Local, state, and national programs provide opportunities for students to apply knowledge and skills learned in the classroom and to participate in Youth Leadership Activities. The FFA mission states: "FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education." Students have the opportunity to earn numerous awards and develop leadership and public speaking skills that will benefit them in the workplace.

SOCIAL STUDIES DEPARTMENT
THREE CREDITS REQUIRED FOR GRADUATION
Course Descriptions

WORLD GEOGRAPHY**One Semester****9-12****Credits: ½**

This is an issue-based course designed to probe into and explore several geographic problems and issues in the world today. The students will learn the differences of the areas of world as well as continent exploration for goods and services produced and traded. Cities, rivers, and topographical conditions as well as weather and culture are integrated into the material.

WORLD HISTORY I A**One Semester****9-12****Credits: ½**

Ancient and Medieval History – Beginning with prehistoric man, this class follows his development through the Middle Ages. It includes the study of ancient Egypt, the Middle East, India and China. Special emphasis will be placed on the study of the classical civilizations of Greece and Rome.

U.S. HISTORY I**One Semester****10-12****Credits: ½**

This class is designed to continue the U.S. History class begun in 8th grade. The class spans the period from 1870 through World War II. Students will learn to characterize eras of U.S. History and analyze major decisions, movements and people that shaped this country. Emphasis will be placed on understanding graphs, charts and narratives to explain significant events.

U.S. HISTORY II**One Semester****10-12****Credits: ½***Prerequisite: US History I*

This course is a continuation of U.S. History I. It contains post-World War II units through the present-day events. This course allows students to interpret events that shaped our history and the people of these eras.

AP U.S. HISTORY**Two Semesters****10-12****Credits: 1**

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

ECONOMICS**One Semester****11-12****Credits: ½**

This course will introduce students to the issues of a changing world economy. Students will identify, analyze and evaluate the causes and consequences of individual economic decisions and public policy. Students will understand the concept of scarcity, how economies and markets work, and the benefits and costs of interdependence. Decision-making helps people function as consumers, producers, savers, investors, and responsible citizens will be stressed.

PSYCHOLOGY**One Semester****11-12****Credits: ½**

6/29/26

This course is designed to provide students with a general understanding of psychology. Throughout the semester, readings, case studies, experiments, and research will be done to understand the basic psychological concepts.

GOVERNMENT

One Semester

11-12

Credits: ½

This course will be used to introduce students to the values upon which the U.S. was founded through the study of key foundational documents. Once this is complete the class will progress to the basic principles of the federal government. The three branches of government will be studied for reasons of conflict and collaboration. Foreign policy decisions and current events will be studied to determine what place the United States should occupy in the world. The emphasis is on the federal government and issues of state and local government will be reviewed as it applies.

DEBATING SOCIAL ISSUES OF THE 20TH AND 21ST CENTURIES THROUGH SOCIAL MEDIA

One Semester

11-12

Credits: ½

Pre-Requisite Classes-US History with a B or higher

Debating Social Issues of the 20th and 21st Centuries through Media is an elective class based on the major social issues which impacted the United States and the world since World War II. The class will use a variety of media outlets to investigate the major social issues which shaped America and its social development. Media outlets will include but are not limited to: Hollywood movies, documentaries, video and audio speeches, written primary sources, analysis of social issues on the US Constitution, landmark law cases which have shaped America. The Social Issues topics will include: Civil Rights, Women's Rights, Vietnam War, Iran Hostage Crisis, Reagan Revolution, Clinton years, 9-11, Gulf Wars, LGBT, and Rise of the Internet. The course will be project based with outcomes based on research, analysis, and presentation.

GLOBAL ISSUES

One Semester

11-12

Credits: ½

This course is designed to provide students with a general understanding of global issues and development of a global perspective. Throughout the semester, readings, exercises, simulations and research will be done to understand current global issues and to suggest tentative solutions. Examples of issues discussed are: world hunger, technology and social justice.

WORLD GEOGRAPHY II

One Semester

9-12

Credits: ½

Prerequisite: World Geography I

This course will be a continuation of World Geography I with further study of geographic problems and issues around the world today.

WORLD HISTORY H B

One Semester

10-12

Credits: ½

Prerequisite: World History I A

Revolutionary History – Beginning with the Middle Ages, Renaissance, and Reformation, students will learn about feudalism, Mohammed and his teachings, as well as the great Christian leaders such as Charlemagne, Gregory VII, Martin Luther, Henry VIII and Elizabeth I. Students will also study about the revolutionary forces which shaped events in the western and non-western world. This was a time that tore the fabric of people's lives as revolutions swept across Europe. Revolutionary ideas and actions transformed the way people worked, thought and carried on their lives.

WORLD HISTORY III

One Semester

11-12

Credits: ½

Prerequisites: World History I and II

6/29/26

Modern World History – From the American Revolution to the present time, the class traces the events which shaped our world today. Students will learn about the rise of Communism, the teachings of Gandhi and the evil of Adolf Hitler. They also study about WW II, the Cold War and the Korean War. Special emphasis will be placed on the five basic themes of geography. This class is highly recommended to prepare students for MEAP testing.

YOU AND THE LAW

One Semester

10-12

Credits: ½

This class will provide information and problem solving to help prepare a student for life in our law-filled world. Topics covered will include: bail, arrest, shoplifting, marriage, alcohol, drugs and weapons. Students will be presented with the law regarding these and other topics. Discussions and research as well as guest speakers will be used.

AP WORLD HISTORY

Two Semesters

12

Credits: 1

Prerequisites: World History 1, World Geography 1

The course is designed to cover the information that would be featured in two college world history survey courses. The course begins with foundations of human civilization, focusing on setting the historical and geographical context and the world historical patterns that form the basis for future developments. For each part of the course, there is an outline of major developments that students are expected to know and be able to use in making comparisons across cultures. These developments and comparisons relate to five overarching themes.

AP PSYCHOLOGY A/B

Two Semesters

11-12

Credits: 1

Prerequisite: Teacher recommendation and department approval

AP Psychology is designed to be the equivalent of a first-year college course. Enrollment is limited to a select number of students who enjoy science and social studies, have a strong work ethic, and are interested in learning about psychological concepts and the ethics and methods psychologists use in their science and practice. Upon completion of this intensive course, students are strongly encouraged to take the Advanced Placement exam in May for college credit.

AP U.S. GOVERNMENT AND POLITICS

One Semester

11-12

Credits: ½

Prerequisite: Earned a "B" or better in World Geography, World History, and U.S. History I & II, and department approval

The AP U.S. Government & Politics course involves the study of democratic ideas, balance of powers, and tension between the practical and ideal in national policymaking. Students analyze and discuss the importance of various constitutional principles, rights and procedures, institutions, and political processes that impact us as citizens. Advanced Placement Government is equivalent to a first-year college political science course and will replace the high school government course for those students looking for a challenge. Students are expected to take standardized exams, timed essays, and debate current events.

INDEPENDENT STUDY - HISTORY

One Semester

9-12

Credits: ½

Seniors who have taken U.S. History I and II and would like to explore further topics in the subject area may take this course upon consent of instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY – WORLD HISTORY

One Semester

9-12

Credits: ½

Seniors who have taken World History I and II and would like to explore further topics in the subject area may take this course upon the consent of the instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY - PSYCHOLOGY

Two Semesters

9-12

Credits: 1

Seniors who would like to explore further topics in Psychology may take this course upon the consent of the instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY - YOU AND THE LAW

Two Semesters

9-12

Credits: 1

Seniors who would like to explore topics in the area of law may take this course upon the consent of the instructor. The instructor and the student will develop a plan for the course.

DEBATING SOCIAL ISSUES

One Semester

11-12

Credits: ½

This course is designed to teach students how to research and debate major issues affecting America today. Students will learn logical thinking and various fallacies in thinking as well as research and debate procedure. A series of debates will take place on student-selected and approved topics. Students must be good writers and be willing to speak in front of others. A willingness to argue and establish a position and to defend that position with facts is a core value for success in this class.

FOREIGN LANGUAGE
TWO CREDITS REQUIRED FOR GRADUATION
Course Descriptions

SPANISH I A/B**Two Semesters****9-12****Credits: 1****Basic Text: ¡Avancemos! Level Uno**

First year Spanish introduces students to a wide-ranging vocabulary, grammar, stressing definition, pronunciation, and intonation. Learning a foreign language involves acquiring four skills of communication: listening, speaking, reading and writing. This course is designed to teach students these basic concepts. The first year devotes much time to learning the sounds of the language. This is done through listening and speaking exercises which contrast and compare Spanish sounds with the sounds of English. Memorization, repetition and comprehension are all key factors to success in acquiring a second language. Both oral and written work emphasizes conversation. Culture of Spanish-speaking countries is taught.

SPANISH II A/B**Two Semesters****10-12****Credits: 1***Prerequisite: C or better recommended in Spanish 1***Basic Text: ¡Avancemos! Level Dos**

Second year continues vocabulary building and makes use of it in conversation and reading. All four communication skills will continue to receive attention. There is stress on oral and written comprehension. Communication will become more advanced. The past tenses, the future and conditional tenses are included in this level. Reading will be emphasized more. Writing will become freer. Advanced grammar with appropriate drills will continue. The geography and culture of Spanish-speaking countries will be studied.

SPANISH III A/B**Two Semesters****11-12****Credits: 1***Prerequisite: B or better in Spanish 2*

Third year cultivates self-expression and vocabulary usage is accelerated. Students must be self-motivated and able to work independently. All four communication skills will continue to receive the primary stress. An emphasis will be placed on the student's ability to speak and understand spoken language. Students will work more on developing your vocabulary and learning more complex grammatical structures. Students will be learning more conversational skills, which you will use daily in the classroom as this class is conducted primarily in Spanish. Students will become more proficient in Spanish through role playing and more challenging conversations.

SPANISH IV A/B**Two Semesters****12****Credits: 1***Prerequisite: B or better in Spanish 3*

Fourth year Spanish is a continuation of third year and consists of a series of mini courses such as Street Spanish, Classical Spanish novels, comprehension through Spanish videos, and an accelerated study of grammar. The student must be self-motivated and able to work independently. This course is for the advanced Spanish student, who will continue to intensively review grammar and vocabulary important to growing in a language. This advanced level of Spanish will allow the student to continue speaking the language as he/she advances in the use of a more complex grammar, challenging conversations, survival situations, role playing and advanced literary works. Listening and writing skills will be refined.

VISUAL, PERFORMING AND APPLIED ARTS (VPAA)
ONE CREDIT REQUIRED FOR GRADUATION
Course Descriptions

ART

ARTS AND CRAFTS

One Semester

9-12

Credits: ½

(REQUIRED MATERIALS FEE OF \$30)

This course is available for the student interested in the craft end of the arts. Students will be creating many high quality crafts for their own use. These items could be given as gifts or possibly sold at a school craft show. We will explore many craft areas such as, but not exclusive to, basket weaving, sewing, wreath making, candles, dried floral arrangements, candy making, ornament making, needle art, etc.

BEGINNING ART A/B

Two Semesters

9-12

Credits: 1

This course will give the student an appreciation for art, a solid background in the principles and elements of art and proper use of materials and tools provided. Students will also learn respect for each other's individualities and projects.

The following will be included:

1. The principles of art
2. The elements of art
3. Drawing
4. Chalk and Pastels
5. Perspective
6. Ink Drawing
7. Colored Pencil Design
8. Optical Illusions
9. Art History
10. Sketch Books
11. Color Study
12. Acrylics
13. Watercolor

INTERMEDIATE ART A/B

Two Semesters

10-12

Credits: 1

Prerequisite: Beginning Art

This course will give the student a deeper appreciation of the arts, strengthen the design process, further develop drawing and painting skills and introduce ceramics.

The following will be included:

1. Drawing
2. Acrylic Painting
3. Watercolor Painting
4. Figure Drawing
5. Metal Tooling
6. Printmaking
7. Art History
8. Ceramics
9. Sketch Books
10. Gallery Visit/Report
11. Design Principles

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12. Linoleum Printing
13. Cut Paper Design
14. Pastels & Charcoal

ADVANCED ART

Two Semesters

11-12

Credits: 1

Prerequisite: Intermediate Art or instructor approval

(REQUIRED MATERIALS FEE OF \$25)

This course will give the student an even deeper appreciation of the arts, individual development, self-confidence both in self and media.

The following will be included:

1. Review Drawing
2. Printmaking
3. Stencil
4. Silkscreen
5. Enameling
6. Metal Smithing
7. Lettering
8. Graphic Art
9. India Ink
10. Guide Lines
11. Lay-Out Design
12. Sketch Books
13. Gallery Visit/Report

CERAMICS

One Semester

10-12

Credits: ½

Prerequisite: Intermediate Art or approval of the instructor

(Required materials fee of \$30)

This course is for the student who wants to explore and develop in the area of ceramics (clay). The following will be included:

1. Stoneware
2. Potter's Wheel
3. Hand-Building
4. Relief Sculpture
5. Armatures
6. Sculpture

PHOTOGRAPHY

One Semester

10-12

Credits: ½

Prerequisites: Intermediate Art or approval of the instructor

This course will be for the student who has an interest in learning the art of photography and darkroom skills. The student must have his/her own camera and film. The following will be included:

1. Proper use of camera
2. Darkroom usage
3. Rules of photography
4. Photo shoots

INDEPENDENT STUDY ART- FINE ARTS

One Semester

10-12

Credits: ½

Prerequisite: Intermediate Art

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During this course, students will have the opportunity to strengthen their skills in painting, printmaking, and drawing.

INDEPENDENT STUDY ART- ADVANCING YOUR CAREER IN VISUAL ARTS

One Semester

10-12

Credits: ½

Prerequisite: Intermediate Art

During this course, students will have the opportunity to research jobs and career paths to use visual arts, design, and visual advertising.

INDEPENDENT STUDY ART- ARTS AND CRAFTS

One Semester

10-12

Credits: ½

Prerequisite: Intermediate Art

During this course, students will have the opportunity to strengthen their skills in ceramics, wood burning, jewelry, string/cloth, metalworking, glass, and paper in the art processes.

MUSIC

CONCERT CHOIR

One Semester

9-12

Credits: ½

This course is a performance-oriented class. Meeting five days a week, it is open to all students. The grading system is Pass/Fail. Basic musicianship is taught, as well as successful voice production, sight-singing and appropriate ensemble singing. Participation in all performances, as well as necessary extra rehearsals, is required and expected.

VARSITY CHOIR A/B

Two Semesters

9-12

Credits: 1

This course is a performance-oriented class. Meeting five days a week, the membership is by audition only. A letter-grading system is used for assessment. Sight-singing, necessary musicianship and vocal skills are emphasized. Music from all artistic periods, as well as the popular, is performed. This group participates in M.S.V.M.A. Festivals. Participation in all performances, as well as necessary extra rehearsals, is required and expected.

MADRIGAL SINGERS A/B

9-12

Credits: .5 per Semester

The Madrigal Singers are an advanced vocal group, generally auditioned from the Choir. They participate in M.S.V.M.A. activities and participate in performances in surrounding communities. The group may also rehearse outside of the regular school day (at the director's discretion, usually during zero hour).

MUSIC APPRECIATION

One Semester

9-12

Credits: ½

In this course, students will be given a foundation of the fundamentals of reading music, listen and study music throughout history as it pertains to the people and events of the time period, become familiar with many different genres of popular music throughout the world, and understand the similarities in all forms of music.

CONCERT BAND/MARCHING BAND

Two Semesters

9-12

Credits: 1

For the first semester, Marching Band members will meet for 1 hour during the school day for Marching Band. The performances will be home football games, marching band contests and parades. After the marching season, the Concert Band will be formed. Concert Band is a training group, organized to meet the needs of the student lacking the kind of experience and/or skills required by the enrollment standards of the Symphonic Band. The course covers, in great detail, tone production (embouchure), rhythm and counting, technical skills associated with fingers and articulations, scales, basic fundamentals of theory and sight-reading. The Concert Band presents a holiday, pre-festival and spring concert. It participates in the MSBOA Band Festivals. **Director approval is required to qualify for membership in this performing group. Attendance at performances, extra full-band practices and sectionals, is required.** **Students may use one semester of marching band to fulfill their required .5 credit of physical education.*

SYMPHONIC BAND/MARCHING BAND

Two Semesters

9-12

Credits: 1

For the first semester, Symphonic Band members will meet for 1 hour for Marching Band. The performances will be home football games, marching band contests and parades. Symphonic Band is designed to lead the musically talented students to skills and knowledge required in performing the finest pieces of music. The Symphonic Band presents holiday, pre-festival and spring concerts with assembly programs. It participates in the MSBOA band festivals. **Director approval is required to qualify for membership in this performing ensemble. When a student accepts membership into the Symphonic Band, he/she should clearly understand that attendance at performances, extra full-band practices, and sectionals are required.**

SPIRIT BAND
One Semester
Credits: .5

9-12

This course gives students the opportunity to rehearse and perform music relating to athletic bands, pep bands, and spirit organizations and events on campus. This course details the fundamentals of playing in an athletic band and the different styles of tone and musical development needed for these unique ensembles. The Spirit Band performs regularly at athletic events and other district spirit events. Students in this ensemble should understand the membership in this course requires attendance at after-school events and athletic events as a graded portion of the course.

PERCUSSION ENSEMBLE
One Semester
Credits .5

9-12

This course provides individual instruction on the unique technical aspects of percussion performance on Mallets, Marching Percussion, Auxiliary Percussion and Drumset. Rhythm, melodic voicing, 4-mallet technique, and drumset groove patterns are covered in detail. During the marching season, this course will focus on drumline and pit techniques and marching show music. This course will continue after the regular marching band season with a percussion ensemble performing traditional percussion ensemble music. Students in this course are expected to be enrolled in the Marching Band class in addition to this course.

INDEPENDENT STUDY CHOIR
Two Semesters
Credits: 1

9-12

Independent Study Choir is a class for students looking to be in a leadership role in the vocal classroom. Students involved must already be skilled singers who can read music. Students participate daily in group activities but are expected to demonstrate while presenting new learning and help organize students as part of their section.

SENIOR LEADER- Band
Two Semesters
Credits: 1

12

Prerequisite: Approval of band teacher.

This course is designed for students who wish to pursue a career in the teaching of music. Instruction, class planning, and organization of equipment will be covered throughout the course. These students will be assigned to a band class.

SENIOR LEADER- Choir
Two Semesters
Credits: 1

12

Prerequisite: Approval of choir teacher.

This course is designed for students who wish to pursue a career in the teaching of music. Instruction, class planning, and organization of equipment will be covered throughout the course. These students will be assigned to a choir class.

PHYSICAL EDUCATION

PHYSICAL EDUCATION I - Required

One Semester

9-10

Credits: ½

Basic Physical Education concentrates on skill development as well as rules and regulations governing competitions and contests. Basic Physical Education also promotes physical fitness, cleanliness and body hygiene as well as sportsmanship. Basic fundamentals will be taught in approximately ten activities throughout the semester. The basic skills of these activities will be stressed, and very little time will be spent competing. **Students may use one semester of marching band to fulfill their required .5 credit of physical education.*

HEALTH - Required

One Semester

9-12

Credits: ½

The health course helps students select goals and make plans to achieve and maintain optimum health. This involves choosing behaviors that help prevent illness and accidents, promote health for oneself and others or improve the quality of the environment. A holistic approach is implemented throughout the course. It focuses on current facts in nine areas of health: mental health, family and social health, growth and development, nutrition, drugs, disease and disorders, consumer and personal health, safety and first aid and community and environmental health.

The State of Michigan gives parents the right to exclude their child from Reproductive Health Education including AIDS education and sex education. Parents may request the opportunity to review all materials prior to their child receiving this instruction.

ADVANCED PHYSICAL EDUCATION A/B

One-Two Semesters

10-12

Credits: ½-1

Prerequisite: Basic PE

This course is designed to provide students with physical education experience that will emphasize the competitiveness of athletes on an intramural basis. Students will be organized to compete against one another. This course is also designed to provide students with opportunities to gain knowledge and participate in lifetime activities and fitness. In both areas, skills, strategies and rules will be stressed, as well as etiquette and sportsmanship. Students interested in activities should take this course. May be taken more than once throughout high school.

FITNESS FOR LIFE

One Semester

9-12

Credits: ½

This class is for students who are interested in fitness. Students will improve muscle tone, improve cardio-respiratory endurance, gain strength and flexibility and improve BMI. Nutrition will be covered and daily workout done. *May be taken for more than one semester.*

STRENGTH AND CONDITIONING A/B

Two Semesters

9-12

Credits: 1

Prerequisite: Students must have instructor's approval before entering class. Must pass Basic PE.

Students will work to improve their strength techniques and/or personal fitness levels. This is a yearlong class may be taken more than once throughout high school. If necessary, students may take this class for one semester for ½ credit as per schedule.

SENIOR LEADER**Two Semesters****12****Credits: 1**

Prerequisite: Must pass two years of Physical Education with "B" or better, and approval by Physical Education instructor and counselor

This course is designed for students who wish to pursue a career in Physical Education, Recreation, Coaching or Officiating. Students may possibly earn hours toward a teaching certificate and will be given an opportunity to work with students in a leadership capacity. Instruction, class planning, officiating and organization of equipment will be covered throughout the course. These students will be assigned to either a basic or competitive class. The class will be limited to two students per instructor per hour of Basic Physical Education.

ADAPTIVE PHYSICAL EDUCATION**Two Semesters****9-12****Credits: 1**

Prerequisite – Placement by counselor, physical therapist, or IEP.

The class will be designed according to individual student needs as determined by IEP and physical therapist.

ATHLETIC READINESS**One Semester****9-12****Credits: ½**

Prerequisite: Physical Education 1

The course will focus on developing the physical and mental skills necessary to compete. The athlete will work on improving their overall physical condition, strength, speed, agility, as well as pre- and post-game meals. They will work on teamwork, cooperation, and coaching ability. The class will expand student involvement in Physical Education and sports. Objective: To promote competition, develop skills, strategies, teamwork, and mental toughness necessary to compete. Subjects covered: Football, Volleyball, Basketball, Soccer, Cross Country, Track and Field, Softball, Bowling, and Conditioning.

PHYSICAL EDUCATION- BACK TO BASICS**One Semester****9-12****Credits: ½**

This course is designed for the individual who has not had any physical education class in a few years. We will be exploring a variety of ways to be active, participate in games, and develop both physical and mental skills.

INTRO TO OFFICIATING A**One Semester****Credits: ½**

Using RefReps Officiating Education System, this course is designed to teach the foundations of officiating across a range of sports. Students will learn the rules, game play, and guidelines for sports. The first semester of the class will include football, basketball, and volleyball courses, unless students have a vested interest in a different available sport. Students can earn a Certificate of Completion in each sport, allowing them to officiate rec or youth programs. Students can participate in an optional partnership with MHSAA Legacy Student Officials Program (students would be responsible for potential costs of this program) to meet qualifications to officiate at middle school and sub-varsity MHSAA events. Students must be at least 14 years old in order to participate in this course.

INTRO TO OFFICIATING B**One Semester****Credits: ½**

Using RefReps Officiating Education System, this course is designed to teach the foundations of officiating across a range of sports. Students will learn the rules, game play, and guidelines for sports. The second semester of the class will include baseball, softball, and soccer courses, unless students have a vested interest in a different available sport. Students can earn a Certificate of Completion in each sport, allowing them to officiate rec or youth programs. Students can participate in an optional partnership with

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MHSAA Legacy Student Officials Program (students would be responsible for potential costs of this program) to meet qualifications to officiate at middle school and sub-varsity MHSAA events. Students must be at least 14 years old in order to participate in this course.

FAMILY AND CONSUMER SCIENCE

Course Descriptions

ADULTING 101

11-12

One or Two Semesters

Credits: ½-1

Counts as 4th year math credit and/or personal finance credit

Students will have the opportunity to develop basic skills needed throughout adulthood. These skills include money management, cooking, sewing, and basic life skills. *Throughout the course, high school mathematic practices will be embedded to allow for the fourth-year math experience credit.

BAKE SHOP

One Semester

Credits: ½

Prerequisite: Nutrition and Foods I and II with grade of 2.0 (C) or better

Baked goods are serious business...and delicious! By taking this course, you'll explore baking as an art, science, and business. You'll have the chance to develop baking skills and techniques through a combination of classroom learning and hands-on experiences. Upon completion of this course, you'll be equipped with the basic skills needed to bake for pleasure, as well as a foundation to pursue careers in baking and pastry arts.

CONSUMER EDUCATION

One Semester

11-12

Credits: ½

Consumer Education emphasizes a holistic approach to the role that families play within the larger economic system. This curriculum is organized around the five types of economic transactions in which families participate. The five types of economic transactions, which together make up the family's economic behavior are: economic transactions within a family itself, economic transactions between specific family's members, economic transactions between families and businesses, economic transactions between families and government, and the economic transactions between families and volunteer/charity sector.

The overall purpose is to assure that all students understand the role of the consumer in our complex economy and that they have the skills to shape their interactions with other elements of that system. *Satisfies the 4th year math requirement

ESSENTIALS OF HEALTHY LIVING

One Semester

9-12

Credits: ½

This course incorporates the 10 topics identified in the Michigan Health Model. Students develop personal health practices, examine emotional and mental health, prepare for personal growth and development, investigate family health, investigate the effects of substance use and abuse, practice disease prevention and control, assess nutrition needs, develop consumer health skills, assess community health issues, and demonstrate safety precautions and first aid.

INTRODUCTION TO FAMILY LIVING

One Semester

9-12

Credits: ½

The Family Living Course is intended to prepare individuals for their roles inside the family. The students will develop an appreciation for the contributions of the family to the individual community, and society; an understanding of the roles within the family, and the skills needed to successfully function in these roles; an understanding of the rights and responsibilities of living within a family system; an understanding of the ways in which society influences the family, and how the family influences the world around it; and personal goals relative to forming and living in families.

INTRODUCTION TO PERSONAL LIVING**One Semester****11-12****Credits: ½**

This course focuses on social and personal issues that provide an opportunity for the student to better understand her/himself regarding their relationships with others and their future careers. Students need skills to assist them in sorting out the confusion and conflict in their lives, in determining priorities, in developing good interpersonal skills, and in setting and achieving employment goals.

NUTRITION AND FOODS I**One Semester****9-12****Credits: ½**

The content of this course is based on the theme of nutrition for wellness as it relates to food selection, food habits and quick and simple food preparation. The physiology of digestion and nutrient use, metabolic proceeds, the relationship of food and nutrition to health and disease, and nutritional needs across the life span are investigated.

NUTRITION AND FOODS II**One Semester****9-12****Credits: ½**

Prerequisite: Introduction to Nutrition and Foods I with a C- or better

This course emphasizes nutritious, quick, simple and safe preparation of snacks and meals. Students are also taught how to select and purchase nutritious meals from restaurants, including fast food establishments. The physiology of digestion and nutrient use and metabolic proceeds across the life span are investigated. New technology is also impacting nutrition, food preparation, packaging and equipment. Diet Analysis software and a variety of nutrition and fitness related software for computers are utilized in the delivery of this course.

CHILD DEVELOPMENT EDUCATION I**One Semester****9-12****Credits: ½**

This parenthood curriculum was developed for use by high school students, and is designed to address personal awareness, knowledge and skills associated with parenting roles and responsibilities. A project-based approach is used to address issues related to the choices, roles, and responsibilities of parenting. Parenthood Education teaches parenting skills via simulation, interaction with people who are parents and/or care givers, and through direct interaction with children. The course examines personal readiness to become a parent, as well as physical and emotional factors related to beginning the parenting process. An over-riding theme is consideration of the issues important to raising healthy children with positive parent - child relationships.

CHILD DEVELOPMENT EDUCATION II**One Semester****9-12****Credits: ½**

Prerequisite: Parenthood Education I with a C- or better

Education for parenting II includes the study of the conditions that influence the intellectual, social, emotional, and physical development of children, and introduces the student to basic parenting practices that maximize development and recognize the special needs of children. The course concepts emphasize the role of personal responsibility in all types of decision-making. The relationship between a healthy lifestyle and normal human development is emphasized throughout the course. Positive attitudes and healthy habits as a foundation for nurturing others are encouraged.

CHILD CARE I**Two Semesters****11-12****Credits: 1**

Prerequisites: Parenthood Education I and II. Child Care I is a one-year class consisting of a theory and lab study to prepare students for entry level employment as a childcare assistant. This class will give instruction on teaching skills needed to work in a childcare setting. This will include academic course work as well as on the job lab training in a preschool. Students will learn to plan developmentally appropriate activities, methods of instruction, curriculum, and management skills. Students will be given the

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opportunities to display learned competency and professionalism for the early childhood field. The course content is based on guidelines as directed by the National Association of Education of Young Children (N.A.E.Y.C.)

CHILD CARE II

Two Semesters

12

Credits: 1

Prerequisites: Child Care I

Child Care II is a one-year class consisting of a theory and lab study to prepare students for entry level employment as childcare assistants. This class will give instruction on teaching skills needed to work in a childcare setting. This will include academic course work as well as on the job lab training in a preschool. Students will learn appropriate assessment procedures of young children including many observational methods, different communication methods with parents, developing curriculum, appropriate activities with toddlers, conducting literature experiences with young children and research early childhood topics. Students will be given opportunities to display learned competency and professionalism for the early childhood field. This course is an extension and continuation of Child Care I.

This course content is based on guidelines as directed by the National Association of Education of Young Children (N.A.E.Y.C.). Coursework and preschool experience can apply toward a CDA.

LEADERSHIP THROUGH FAMILY, CAREER, AND COMMUNITY LEADERS OF AMERICA

One Semester

9-12

Credits: ½

Prerequisite: Must have taken or be currently enrolled in an FCS course

This course will promote personal growth and leadership development through Family and Consumer Science Education. Focus will be on the multiple roles of family members, wage earners and community leaders. Students will develop skills for life through character development, creative and critical thinking, interpersonal communication, practical knowledge, and career development.

INDEPENDENT STUDY NUTRITION AND FOODS

Two Semesters

9-12

Credits: 1

Seniors use skills learned in Foods 1 and 2 to complete various projects and assignments. Students may take this course with the consent of the instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY - CHILD CARE

Two Semesters

9-12

Credits: 1

Seniors who have taken Parenting I and II and would like to explore further topics in the subject area may take this course upon the consent of the instructor. The instructor and the student will develop a plan for the course.

INDEPENDENT STUDY - PARENTING

One Semester

9-12

Credits: ½

Seniors who have taken Independent Living and would like to explore further topics in the subject area may take this course upon the consent of the instructor. The instructor and the student will develop a plan for the course.

BUSINESS, MANAGEMENT, MARKETING, AND TECHNOLOGY DEPARTMENT

Course Descriptions

BMA I

Two Semesters

10-12

Credits: 1

(Business Management and Administration I)

Business Management and Administration will prepare students with the necessary skills to succeed in professional working environments. This course will introduce students to word processing, spreadsheets, presentations, database, and Internet software. Additional areas of focus will include records management, communications, time management, critical-thinking and problem-solving, and financial skills.

ACCOUNTING

Two Semesters

10-12

Credits: 1

Students can expect to learn basic accounting principles fundamental to the operation of any business or household. They will be trained in the financial management of assets, liabilities, receipts and expenditures. Students will also be trained in the interpretation and preparation of financial statements.

Economics of BMA (Economics of Business Management and Administration)

Two Semesters

10-12

Credits: 1

**Teacher Approval*

Business Management and Administration will prepare students with the necessary skills to succeed in professional working environments, specifically running a retail business. This course will introduce students to word processing, spreadsheets, presentations, database, and Internet software. Additional areas of focus will include records management, communications, time management, critical-thinking and problem-solving, and financial skills. Students will apply their knowledge by operating a school store.

SPECIAL EDUCATION DEPARTMENT

Course Descriptions

Study Skills A/B

One or Two Semesters

9-12

Credits: .5 per semester

**Students must have an IEP and teacher approval to enroll*

This course will focus on study skills and strategies for improving learning in students' general education courses. Teachers will work with students to identify individual strengths, weaknesses, and needs in order to promote goal-setting and academic success.

Basic Math

Two Semesters

9-12

Credits: 1

**Students must have an IEP and teacher approval to enroll*

This course is designed for students with an IEP who still need reinforcement of basic math concepts including, but not limited to, adding, subtracting, multiplying, dividing, fractions, and decimals.

NON-DEPARTMENTAL OFFERINGS

Course Descriptions

ASSISTED STUDIES (Math or English Emphasis)

One or Two Semesters

9-12

Credits: ½ - 1

Students that take this class will benefit from guided assistance with academics in one or more core areas, most specifically math or English. Students will complete mini lessons to aid them with basic skills in their core academic areas and for test preparation. These mini lessons will include reading comprehension, interpreting graphs, tables and charts, math comprehension and writing skills. The class will also include a study table time period after each daily lesson is complete to aid students in successfully navigating the academic classes they take in conjunction with student achievement.

ACADEMIC GUIDANCE A/B

One or Two Semesters

9-12

Credits: ½ - 1

Students who take this course have struggled in core classes in their academic career. Students will work on time management, effective study habits, note taking, listening skills, and technology integration and support. This course may be taken multiple times if the student displays need, and curriculum can be adapted to meet students' individual needs.

COLLEGE READINESS-SAT

One Semester

10-11

Credits: ½

This elective course will be a review of concepts in English Language Arts, Mathematics, Science, Social Studies, and reading. In addition, proven test taking skills will be reviewed during this course. Students will be required to use Khan Academy.

COMPUTER SCIENCE PRINCIPLES

Two Semesters

9-12

Credits: 1

Computer Science Principles A:

(Prerequisites: entry-level, none)

This course is designed to learn how to do web coding surrounding the computer languages of html, css, and javascript. Students will learn how to operate and maintain files systems both locally and server based. Students will create a custom website and be able to read someone else's template by the end of the semester. This course is designed to be open-ended and may include other topics such as programming and wiring using arduino systems, data acquisition and working with data systems.

Computer Science Principles B:

(Prerequisites: Computer Science Principles A)

This course picks up from Computer Science Principles A and students delve deeper into html with more css and javascript for the 3rd quarter. Students also may learn more about arduino systems, 3D printing and other different computer programming languages during the 4th quarter as the course moves to an independent level of study. This course is designed to be open-ended and may include other topics based on student interests.

INDUSTRIAL TECHNOLOGY

Course Descriptions

WOOD TECHNOLOGY

Location: Middle School

One Semester

9-12

Credits: ½

This class will help the student to develop and explore skills in four (4) separate areas of wood construction and industrial technology. Each component is presented for an entire semester. One (1/2) credit can be earned in each component area. The component areas are as follows:

- **Component I-Wood Construction and Power Tool Operation**

Prerequisite: None

This component will provide the students an opportunity to explore construction technology techniques and solutions in a hands-on problem-solving environment. Students will learn how to safely operate power tools (drill press/table saw/wood lathe/etc.) and hand tools. The student should have a project or projects (tables/chairs/stools/lathe projects/cabinets/etc.) in mind before enrolling in the class. A fee (\$50-\$100) for the materials will be charged dependent on the project(s).

- **Component II-Advanced Wood Construction Techniques**

Prerequisite: Completion of Component I with a "C" or better.

This component will provide the students an opportunity to further explore construction technology techniques and solutions in a hands-on problem-solving environment. Students will learn advanced woodworking techniques. Projects will be completed using the advanced woodworking skills acquired. The student should have a project or projects in mind before enrolling in the class. A fee (\$50-\$100) for the materials will be charged dependent on the project(s).

- **Component III-Industrial Techniques**

Prerequisite: Computer skills and an ability to work independently.

This component will provide the students an opportunity to explore technology in the areas of Digital Imaging, Digital Photography, Computer Animation, CAD/CAM Mill, Robotics, Graphic Design, Electronics, Residential Plumbing, Residential Wiring, and Engineering Structures. A \$20.00 fee will be required to cover the cost of project materials.

- **Component IV-Advanced Industrial Techniques**

Prerequisite: Completion of Component III with a "C" or better. Teacher and counselor approval is required.

This component will provide the students an opportunity to further explore technology in the areas of Digital Imaging, Digital Photography, Computer Animation, CAD/CAM Mill, Robotics, Graphic Design, and Electronics. A \$20.00 fee will be required to cover the cost of project materials.

Shiawassee RESD Proposed Programs for 2026-27

Program Prerequisites:

Students have completed 10th grade of high school, have a minimum GPA of 2.5 (2.0 at Mott CC and for Electrical, Heavy Equipment, Public Safety, and Health Science Academy), meet college entrance requirements, and have a good attendance record. These are year-long courses. Students attend classes Monday – Friday during the entire school year. Please see the counselors if you would like more information on these programs.

ELECTRICAL I and II

11, 12

Students in the two-year Electrical Program will be introduced to electrical theory, electrical safety, proper use of tools and equipment, circuits, breakers and fuses, residential wiring, reading electrical blueprints, wiring devices, lighting circuits, conductors and cables, soldering and splicing techniques, low voltage switching, load calculations, and residential services. Students will learn employment, communication, professionalism, and trade skills necessary for entry-level employment. Students will engage in a variety of activities that balance direct instruction and training with actual hands-on experiences. Students will also have the opportunity to earn an OSHA 10 Certification.

HEALTH SCIENCE ACADEMY I and II

11, 12

Entry to this program is competitive and dependent upon GPA and commitment to the health career as a field of study. Earn college credit in the Health Science Academy Program, which provides students with an introduction to a variety of healthcare occupations and knowledge of the coursework/career path necessary to enter into various health occupations. This course consists of classroom instruction and clinical rotations, and students will have the opportunity to earn their American Heart Association CPR certification and job shadow with various medical professionals. In year 2, students will have the opportunity to complete Emergency Medical Services (EMS) coursework. The coursework in this class is based on the National Health Care Foundation Standards and Accountability criteria.

HEAVY EQUIPMENT I and II

11, 12

The Heavy Equipment program prepares individuals to apply technical knowledge and skills in the safe operation, maintenance and repair of heavy equipment such as bulldozers, excavators, backhoes, and front-end loaders. This course includes electronics, hydraulics, engine performance, fuel systems, and fundamentals of mechanics related to heavy equipment and diesel operations. Students have the opportunity to leave the program with nationally recognized certifications as well.

PUBLIC SAFETY I and II

11, 12

In the Public Safety Program students will get exposure to the career opportunities available in a law enforcement setting. Coursework in this program will cover a variety of topics including: Corrections, Public Safety, Law, and Legal Systems. Students will study the different types of public safety agencies and organizational structures within Public Safety. Students will interpret policies and procedures to ensure they are compliant with the law. Students will employ teamwork skills while also demonstrating leadership skills during hands on activities.

TEACHING CADET I and II

11, 12

Students will be involved in a fast paced, innovative, hands-on curriculum where they gain knowledge about teaching and learning. Teacher cadets will develop skills that are helpful in college and beyond, such as presentation, public speaking, writing, communication, and reasoning. Students experience the rewards of teaching through clinical placements as part of their coursework. All students are required to observe and/or participate in a variety of classroom settings at the preschool, elementary, middle, and/or high school levels, including general and special education. Students will also begin working on their “pre-teaching” portfolio. The course helps prepare students for careers in education as well as entry into college or university teacher preparation programs.

WELDING I and II

11, 12

Welders use welding equipment to join metal parts or fill holes, indentions, or seams in metal products. Anything made of metal can be welded: cars, trucks, aircraft, skyscrapers, bridges, pipes, sculptures, and more. The basic skills of welding are the same across industries so the more you know how to do, the easier it is to shift to other types of work. Note: An associate degree program in Industrial and Manufacturing Technology from the College of Engineering is available to students after graduating from the Welding certificate program.

Durand Area Schools also has a cooperative agreement with the Genesee Intermediate School District and the Genesee Career Institute. Durand Area High School students are eligible to participate in GCI programs if seats are available and students meet the requirements. GCI programs can be found at <http://geneseeeci.ss19.sharpschool.com/Programs>.

ONLINE COURSES

Michigan state law requires that students be allowed to choose a limited number of online courses from the state catalog if certain criteria are met. The intent of these courses is to provide a greater number of diverse course offerings to students. Online course offerings are best suited to students who are good at working independently, keeping themselves on-task, meeting deadlines, and using technology. Online courses are taught by teachers who are not employed by Durand Area Schools and who students will not speak to/interact with in person or on a daily basis. A DHS mentor teacher will be assigned to students taking online classes. The function of a mentor is to periodically check on a student's progress in the course, but this mentor will not be teaching the content of the course. To be eligible for online courses, students must complete an application by the semester deadline and meet the following criteria:

The student has passed any online class taken in the same subject area.

The student needs the credit for the requested course.

The course can generate an academic credit.

The course is consistent with remaining graduation requirements/career interests.

The student possesses the prior knowledge/skills to be successful in the course.

The course is of sufficient quality or rigor.

Some examples of courses that can be taken online are Advanced Placement courses, World Languages, Sociology, Native American History, Probability and Statistics, Astronomy, and British Literature. For a complete listing of courses available, you can visit www.micourses.org, www.michiganvirtual.org, or www.edgenuity.com, imaginelearning.com.

WORK-BASED LEARNING

DURAND AREA HIGH SCHOOL

A Work-Based Education program provides pupils with a combination of school-based preparation and supervised work experience designed to enable pupils to acquire attitudes, skills, and knowledge for career and other life roles in real work settings. The goal of this program is to teach employability and technical skills, develop a sense of personal responsibility, explore career options, gain job/site specific skills, foster work-orientated relationships with adults, understand the relevance of and the application to academic learning, and to provide alignment with the students' career pathway and education development plan.

WBLE Agri-Science A/B, WBLE Economics A/B

Two Semesters

12

Credits: 1

To be approved for Work Experience, students must demonstrate that they have taken preparatory classes and will be learning new skills on the job to complement their training. Evaluations will be given by the employer and the work experience supervisor to determine the student's grade. The student must be work-oriented, attend school regularly, and achieve passing grades to enroll in Work Experience.

6/29/26

Students must work at least 5 hours per week per hour of work experience in their schedule. Students under age 18 are restricted to **NO MORE THAN 24 HOURS OF WORK PER WEEK** because of state law. Meetings called by the work experience supervisor are required.

APPROVAL FOR WORK EXPERIENCE

Seniors will be given a full schedule. Students must request to be on work experience from their counselors. Students must have a related class in their schedule. If approved, obtain the following materials from the Work Experience Supervisor:

For Work Experience beginning in the fall of the senior year, pick up the following in the spring of the student's junior year:

- a) Student Information Page
- b) Application
- c) Responsibilities Contract – Student Signature and Parent Signature required

DUAL ENROLLMENT OPTIONS

The State School Code and State Aid Act allow qualified students to take post-secondary courses. In order to be eligible, the following criteria must be met:

Eligible Students: Ninth through 12th grade students may be eligible if they are enrolled in at least one high school class and are accepted to the post-secondary institution where they plan to take classes. They must also have qualifying scores in the appropriate subject area on the Explore, PLAN, ACT, MME, PSAT, or SAT.

Eligible Courses: Students may take courses that are not offered by the school or courses not available to the student due to scheduling conflicts beyond the student's control. Courses cannot be in the subject area of hobby craft, recreation, physical education, theology, divinity, or religious education.

Eligible Colleges: Students may enroll at Lansing Community College, Baker College, University of Michigan-Flint, Mott Community College, and Michigan State University. If your college/university is not listed, please contact your counselor.

Credit: Eligible students may enroll in post-secondary courses for high school credit, post-secondary credit, or both. The student must designate which type of credit they desire at the time of enrollment and shall notify both the high school and post-secondary institution of that designation. The students' school may require reasonable verification of attendance at the post-secondary course(s).

The school district may pay a **portion** of the tuition at a college or university for students who qualify to dual enroll. **Students must see a high school counselor before taking any classes for Dual Enrollment.**

Shiawassee Early College Program: Students can enroll in the Shiawassee County Early College Program. Please see your counselor for eligibility and planning requirements.