



# **OWOSSO HIGH SCHOOL**

## **2020-2021**

### **CURRICULUM GUIDE**

### **INCOMING 9<sup>TH</sup> GRADE PACKET**



#### Nondiscrimination and Equal Employment Opportunity

The Owosso Public School District does not discriminate on the basis of race, color, national origin, sex, (including sexual orientation and transgender identity) disability, age, religion, height, weight, marital or family status, military status, ancestry, genetic information, or any other legally protected category, (collectively, "Protected Classes"), in its programs and activities, including employment opportunities. In addition, arrangements can be made to ensure that the lack of English language proficiency is not a barrier to admission or participation. The following compliance officers have been designated to handle inquiries regarding the nondiscrimination policies and grievance procedures: Cathy Dwyer, Dean of Students OMS, 219 N Water St., Owosso, MI 48867, 989-729-5707, [dwyerc@owosso.k12.mi.us](mailto:dwyerc@owosso.k12.mi.us), (989) 723-8231 or Jeff Phillips, Principal OHS, 765 E. North St., Owosso, MI 48867, 989-729-5492, [phillips@owosso.k12.mi.us](mailto:phillips@owosso.k12.mi.us).

# **Important!**

## **Incoming 9th Grade**

### **Parent Orientation Night**

**5:30 pm CTE Displays | 6:00 pm Parent Meeting**

**Thursday, January 23, 2020**

**OHS Media Center**



We Look Forward to  
Meeting You!

Please visit the academic Student  
Services Center website  
[ReachHigherOHS.org](http://ReachHigherOHS.org) and Like &  
Follow the SSC on social media.



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## PUBLIC ACT 160 - POST-SECONDARY ENROLLMENT OPTIONS ACT

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December 20, 2018



Dear Student and Parents,

This letter is to give you information on Public Act 160, which created the Post-Secondary Enrollment Options Act, commonly referred to as dual enrollment. This law directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities, if all the following conditions are met:

1. Students are in grade 11 or 12.
2. Students can qualify for dual enrollment by taking one of the following assessments: PSAT, SAT, ACT, or MME. The following table shows the complete list of scores that qualify students for dual enrollment:

Assessment	Test Section	Content Area	Minimum Dual Enrollment Qualifying Score
PSAT 8/9 PSAT 10 PSAT/NMSQT	Critical Reading	Evidence-Based Reading & Writing	460
	Mathematics	Mathematics	510
SAT	Critical Reading	Evidence-Based Reading & Writing	480
	Math	Math	530
ACT	Mathematics	Mathematics	22
	Reading	Reading	22
	Science	Science	23
	English	English	18
Michigan Merit Exam	Reading	Reading	2100
	Writing	Writing	2100
	Mathematics	Mathematics	2100
	Science	Science	2100
	Social Studies	Social Studies	2100



Additionally, Public Act 160, the Post-secondary Enrollment Options Act, eligible students may take courses for which there are not endorsements, such as computer science, foreign language, history, political science, or psychology, as long as they have taken all sections of the MME, ACT, PLAN, or College Board PSAT. State endorsement is not required in any specific area for this participation.

1. Students must be enrolled in both the school district and post-secondary institution during the local school district's regular academic year and must be enrolled in at least one high school class.
2. The district must not offer the college courses. An exception to this could occur if the local board of education determines that a scheduling conflict exists, which is beyond the student's control.
3. The college courses cannot be a hobby, craft or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.
4. School districts are required to pay the lesser of:
  - a. The actual charge for tuition, mandatory course fees, materials fees and registration fees, or
  - b. That state portion of the students' foundation allowance, adjusted to the proportion of the school year they attend the post-secondary institution.

Should you have any questions regarding dual enrollment and if it is something your child may want to include in their four-year plan, contact your child's counselor to discuss the potential for enrollment during the junior or senior year.

Sincerely,



Jeff Phillips  
Principal



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## MICHIGAN MERIT CURRICULUM & REQUIREMENTS FOR HIGH SCHOOL GRADUATION

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### ENGLISH DEPARTMENT = 4 CREDITS

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(1 credit) 9th grade	Language & Literature 9 or Honors Language & Literature 9
(1 credit) 10th grade	Language & Literature 10 or Honors Language & Literature 10
(1 credit) 11th grade	Language & Literature 11 or Honors Language & Literature 11 or AP English Language/Composition
(1 credit) 12th grade	Language & Literature 12 or Honors Language & Literature 12 or AP English Literature and Composition

### MATHEMATICS = 4 CREDITS

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(1 credit) 9th grade	Algebra One or Geometry or Geometry Honors or Algebra Two or Algebra Two A or
	Algebra Two Honors
(1 credit) 10th grade	Geometry or Algebra Two A or Algebra Two B or Algebra Two or Algebra Two Honors
(1 credit) 11th grade	Algebra Two A or Algebra Two B or Algebra Two or Algebra Two Honors
(1 credit) 12th grade	4th year Math or Math in Content Area or Algebra Two B

### SOCIAL STUDIES = 3 CREDITS

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(1 credit) 9th grade	United States History or United State History Honors
(1 credit) 10th grade	World History or World History Honors or AP World
(1 credit) 11th grade	Civics/Economics or AP Government

### SCIENCE = 3 CREDITS

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(1 credit) 9th grade	Life Science or Life Science Honors
(1 credit) 10th grade	Students select from one of the science pathways: <ul style="list-style-type: none"><li>● Agri-Sci - Agri-Zoology/Animal Science</li><li>● Biomedical – Principles of Biomedical</li><li>● Engineering - Intro to Engineering Design</li><li>● Traditional - Chemistry or Chemistry Honors or Physics</li></ul>
(1 credit) 11th/12th grade	Science Course or CTE Program of Study Completion*

### PHYSICAL EDUCATION/HEALTH = 1 CREDIT

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(1 semester)	General PE, Aerobic Fitness, STC
(1 semester)	Health
<b>OR</b>	
(4 credits)	Band
(.50 credit)	Health
<b>OR</b>	
(.50 credit)	2 years of participation on an athletic team
(.50 credit)	Health

### FOREIGN LANGUAGE = 2 CREDITS IN THE SAME FOREIGN LANGUAGE

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VPAA – Visual, Performing and Applied Arts = 1 credit

\*Student should check the Appendix for CTE Program of Study Completion to confirm what CTE Courses provide high school diploma core credits.

<b>Owosso High School Total Credits Needed to Graduate = <u>24</u></b>
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## REPORT CARD – GRADING

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Report cards are distributed to students at the end of each semester. Parents can view grades, assignments and attendance through the PowerSchool Portal any hour of the day. Parents can also email questions and concerns to teachers at any time. It is recommended that semester grades reflect 40% for each marking period and 20% for the final exam.

A grade point average (GPA) is computed from all final grades to determine a student's class rank. At the completion of 7th semester grades senior year, students who have achieved a 3.0 – 3.49 GPA will graduate with "Honors", and seniors who have attained a 3.5 – 3.99 GPA will graduate with "High Honors" and 4.0 or above GPA will graduate with "Highest Honors". Courses taken outside of the normal school day can be recorded on the transcript but are excluded from GPA, Ranking and Honor Roll.

In determining a student's GPA, traditional letter grades are converted to numerical values according to the following scale:

**Letter Grade:**

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
4.0	3.8	3.5	3.0	2.8	2.5	2.0	1.8	1.5	1.0	0.8	0.0

To figure the GPA, simply add the numerical values for each course taken and divide the sum by the number of classes taken.



## TESTING OUT TIMELINE



DEADLINES:	TASKS TO DO:
• May 26, 2020	Last day for testing out sign up in the <u>Student Services Center</u> by 2:45 p.m. (no exceptions)
• May 29, 2020	Materials from teachers for testing out go to <u>Main Office</u>
• June 1-5, 2020	Students pick up materials in the <u>Main Office</u>
• August 17, 2020	9:00 a.m. test date with Mr. Phillips, OHS Principal in Main Office
• August 24-26, 2020	Teachers grade/submit to Student Services Center <ul style="list-style-type: none"> <li>▪ Students receive results after Labor Day</li> </ul>

### TESTING-COMPETENCY DEMONSTRATION

The State of Michigan mandates competency testing or “testing out”; it allows any high school student to test out of a course offered by his or her high school. Testing out does not include an Online-class, Health or Physical Education class.

Competency testing procedures are as follows:

- ✓ Students must demonstrate mastery of course content by earning a grade of 80% or better on each component of a comprehensive final exam.
- ✓ Successfully passing a given test results in credit being earned for that class; a grade of “pass” being recorded on the student’s official transcript; and credit towards graduation. The grade will not be calculated in the GPA.
- ✓ Passing a test is equal to fulfilling a requirement in a course sequence.
- ✓ Once credit is granted by “testing out”, a student may not receive credit for a prerequisite course in that sequence.
- ✓ Students considering “testing out” should see their guidance counselor.
- ✓ Students must follow guidance department testing out timelines.
- ✓ Testing out is restricted to core classes only.







## 4 YEAR PLANNING WORKSHEET

Name \_\_\_\_\_

<u><b>9<sup>th</sup> Grade</b></u>	<u><b>10<sup>th</sup> Grade</b></u>
1. Language & Literature 9 or Language & Literature 9H	1. Language & Literature 10 or Language & Literature 10H
2. Math (_____)	2. Math (_____)
3. Life Science 9 or Life Science 9 H	3. Chemistry H or Chemistry, select the science pathway to follow –Agri-Science, Biomedical, Engineering, Honors or Traditional
4. U.S History or U.S History H	4. World History, World History H, AP World History
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____
<u><b>11<sup>th</sup> Grade</b></u>	<u><b>12<sup>th</sup> Grade</b></u>
1. Language & Lit 11, Language & Lit 11H or AP English Language	1. Language & Lit 12, Language & Lit 12H, AP English Literature, or CTE Completer
2. Math (_____)	2. Math (_____)
3. Follow Science Pathway _____	3. _____
4. Economics/Civics or AP Gov't	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____

**Note: All students must also take the following credits:**

- ☒ on-line experience requirement
- ☒ ½ credit of health
- ☒ ½ credit of physical education (there are different ways to earn this credit)
- ☒ 2 credits of foreign language (students may have completed one-year at OMS; plus there are alternative ways to earn the second credit of the foreign language requirement); Highly selective colleges/universities require 2 years of the same foreign language (ex. Spanish 1 and Spanish 2).





## 9TH GRADE REGISTRATION WORKSHEET

Student's Name: \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date \_\_\_\_\_

<b>Language and Literature</b>				
Course No.	Course Name	Grade Levels	Credit	Course Requested – Check the Box
HS0103AA	Language & Literature 9	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0104AA	Language & Literature 9 Honors	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
<b>Mathematics</b>				
Course No.	Course Name	Grade Levels	Credit	Course Requested – Check the Box
HS0111GA	Algebra One	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0120GA	Algebra One B	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0108GA	Geometry	9,10,11	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0109GA	Geometry Honors	9,10	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0104GA	Algebra Two	9,10,11,12	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0105GA	Algebra Two A	9,10,11	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0107GA	Algebra Two Honors	9,10,11,12	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0110GA	Pre-Calculus Honors	9,10,11,12	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
<b>Individuals &amp; Society</b>				
Course No.	Course Name	Grade Levels	Credit	Course Requested – Check the Box
HS0101EA	United States History	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0102EA	United States History Honors	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
<b>Science</b>				
Course No.	Course Name	Grade Levels	Credit	Course Requested – Check the Box
HS0100CA	Life Science	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0101CA	Life Science Honors	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>
HS0113CA	Principles of Biomedical Science	9	1	<input style="width: 50px; height: 20px;" type="checkbox"/>



Student's Name: \_\_\_\_\_ Date \_\_\_\_\_

<b>Elective Course Selections</b>		
<b>Put a check in the box of the elective you want – Pick 3</b>		
	<b>Course Name</b>	<b>Credit</b>
HS0114QA	21 <sup>st</sup> Century Families	1
HS0114JA	Art I	1
HS0121JA	Bel Canto –Women's Choir	1
HS0128QA	Men's Choir	1
HS0123JA	Jazz Band #	1
HS0121JA	Freshman Band	1
HS0100NA	Health	1/2
HS0111QA	Intro to Engineering Design	1
HS0100HA	Intro to Entrepreneurship	1
HS0105IA	General Physical Education	½ or 1
HS0107IB	STE – Strength, Training & Conditioning *	½ or 1
HS0106IA	Net/Team Sports- 2 <sup>nd</sup> Semester	½ or 1
HS0106IA	Aerobic Fitness*	½ or 1
HS0100IA	Boy's Advanced STC	½ or 1
HS0108IA	Girl's Advanced STC	½ or 1
HS0100SA	Spanish I	1
HS0103JA	Wood Technology I	1
<b>ALTERNATE CLASS – PICK 1</b>		
1.		
*Can select for a full year		
# MUST take Freshman Band Concurrently		



# MICHIGAN MERIT CURRICULUM (MMC)

## 9TH GRADE COURSE DESCRIPTIONS


### ❖ LANGUAGE & LITERATURE DEPARTMENT (ENGLISH LANGUAGE)

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0103AA/HS0103AB	Language & Literature 9	9	1

**Prerequisite:** None

This is the first high school level English class that covers a broad range of writing, literature, informational (non-fiction text), language and speaking skills. Students will review the writing process and write several varieties of essay including narrative, argumentative, and informative/explanatory. Students will learn the fundamentals of literary terms and work with an assortment of literature and informational texts. To Kill a Mockingbird, Of Mice and Men, The Tragedy of Romeo and Juliet, and The Glass Castle, and novels of choice are pieces of literature addressed, along with a variety of informational articles and non-fiction texts. Language standards, which include grammar and vocabulary, are stressed along with speaking and listening skills, and critical reading.

- ***This course fulfills the MMC 9th Grade English Requirement.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0104AA/HS0104AB Honors	Language & Literature 9	9	1

**Prerequisite:** None

This is the first high school level English class that covers a broad range of writing, literature, informational (non-fiction text), language and speaking skills. Students will review the writing process and write several varieties of essay including narrative, argumentative, and informative/explanatory. Students will learn the fundamentals of literary terms and work with an assortment of literature and informational texts. To Kill a Mockingbird, Of Mice and Men, and novels of choice are pieces of literature addressed, along with a variety of informational articles, non-fiction text, and the works of William Shakespeare. Language standards, which include grammar and vocabulary, are stressed along with speaking, listening, critical reading, critical writing, and critical thinking.

☆ ***This course requires additional reading and writing outside of class time.***

The majority of grading comes from essays and tests.

- ***This course fulfills the MMC 9th Grade English Requirement.***



- **Career Pathways match to these skills:**
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

## ❖ MATHEMATICS DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0111GA/ HS0111GB	Algebra One	9	1

**Prerequisite:** None

This class is designed to meet the Michigan Merit Curriculum for Algebra One.

The class is application motivated and begins with a unit on algebraic symbols, order of operations, probability and relative frequency. Students will study first-degree equations, inequalities, linear functions and inequalities. Other topics include: Exponents, Pythagorean Theorem, polynomials, including operations with polynomials, factoring and perfect squares; systems of linear equations including weighted averages and inequalities; quadratic equations and the quadratic formula are used.

- **This course fulfills the MMC Algebra One Requirement.**
- **Career Pathways match to these skills:**
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0120GA/HS0120GB	Algebra One B	9	1

**Prerequisite:** Completion of Algebra One A in Owosso Middle School

This class is designed to meet the Michigan Merit Curriculum for Algebra One.

This class is application motivated and begins with a unit on probability. Students will study Exponents, Pythagorean theorem, polynomials, including operations with polynomials, factoring and perfect squares; systems of linear equations including inequalities; quadratic equations and the quadratic formula are used.

- **This course fulfills the MMC Algebra One Requirement**
- **Career Pathways match to these skills:**
  - Arts and Communication
  - Business, Management, Marketing, and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Science



 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0108GA/ HS0108GB	Geometry	9- 10	1

**Prerequisite:** Algebra One

This class is designed to meet the Michigan Merit Curriculum for Geometry.

Geometry encompasses one, two and three-dimensional figures. Students will begin with points, lines, angles and conditional statements. Transformational geometry is used to facilitate the understanding of polygons and quadrilaterals. Symmetry lines are used to develop properties of figures. Reflections are used to help students understand congruent figures including triangles. Additional topics include, triangle congruence, Pythagorean theorem, area, volume, coordinate geometry, similarity, logic, indirect reasoning, right triangle geometry and circles.

- ***This course fulfills the MMC Geometry Requirement.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0109GA/ HS0109GB	Geometry Honors	9	1

**Prerequisite:** Students who have not followed the honors curriculum would require teacher recommendation to take this course. This is a continuation of the 8th grade Honors Algebra One math sequence.

☆ ***This class is designed for students who are planning on taking AP Calculus their senior year.***

Honors Geometry will cover all topics in Geometry with a greater emphasis on formal geometric proof. The software program, Geometer's Sketch Pad, will be used to demonstrate geometry concepts as they learn. Students will use problem-solving strategies to solve challenging problems that require critical thinking skills. Extensive use of Algebra skills will be required throughout the course. If you take this course, you must also take Math HS0109GB - Geometry Honors (semester 2). This class is designed to meet the Michigan Merit Curriculum for Geometry.

- ***This course fulfills the MMC Geometry Requirement.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences






 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0105GA/ HS0105GB	Algebra Two A	9-12	1

**Prerequisite:** Credit received in Geometry and Algebra One.

This class is designed for students who need to take Algebra Two over a 2-year period.

This is a yearlong class that is designed to meet the Michigan Merit Curriculum for the first semester of Algebra Two. The class will include the study of the following: Data and linear representations, Exponents and functions, Systems of Linear Equations and Inequalities, Matrices, Factoring, Quadratic Functions and Imaginary Numbers. Students will use a graphic calculator to model data and analyze functions throughout the entire course.

- ***This course fulfills the MMC Requirement ONLY for Semester 1 Algebra Two.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing, and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Science

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0104GA/ HS0104GB	Algebra Two	9-12	1

**Prerequisite:** Algebra One and Geometry

This class is designed to meet the Michigan Merit Curriculum for Algebra Two.

The class will include the study of the following: Data and Linear representations, Exponents and Functions, Systems of Linear Equations and Inequalities, Matrices, Factoring, Quadratic Functions and Imaginary Numbers, Exponential and Logarithmic Functions, Polynomial Functions, Rational and Radical Functions, Probability and Statistics, Sequences and Series, and Trigonometry. Students will use a graphing calculator to model data and analyze functions throughout the entire course.

- ***This course fulfills the MMC Algebra Two Requirement.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0107GA/ HS0107GB	Algebra Two Honors	9-12	1

**Prerequisite:** Completion of Honors Geometry with an A or B. Teacher recommendation.

☆ ***This class is designed for students who are planning on taking AP Calculus their senior year.***

This class is designed to meet the Michigan Merit Curriculum for Algebra Two. Algebra Two Honors will explore topics such as linear equations/inequalities, matrices, systems of equations/inequalities, basic trigonometry, quadratic functions, polynomial functions, rational functions and exponential properties.



As an honors level course this section utilizes a more advanced text, Test prep materials and extensive use of graphing calculators to prepare students for Pre-Calculus and the ACT/SAT exams.

- ***This course fulfills the MMC Algebra Two Requirement.***
- ***Career Pathways match to these skills:***
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences

## ❖ SCIENCE DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0300CA/ HS0300CB	Life Science	9	1

**Prerequisite:** None

Students should expect to have daily assignments, projects, and/or homework.

This one-year study of biology will focus on the prerequisite, essential, and core content statements as developed by the MDE. Areas of study will include: The Chemistry of Life, The Cell, Genetics, History of Life, Animal Form, and Function. Students will learn science from the smallest of particles (quarks/atoms) all the way through body systems with focuses on the relationships of particles increasing in size and complexity. Grading in this class will be more heavily influenced by daily work (laboratory exercises, homework and class-work) than the honors selection.

- ***This course fulfills the requirement listed for the additional “science credit”***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0301CA/ HS0301CB	Life Science Honors	9	1

**Prerequisite:** This course is recommended for students who successfully completed the 8<sup>th</sup> grade science IB curriculum at Owosso Middle School or with teacher recommendation. Students must possess **above average** reading and writing skills as well as strong science skills.

This one-year study of biology will focus on the prerequisite, essential, core, and recommended content statements as developed by the Michigan Department of Education (MDE). Areas of study will include: Scientific Inquiry, The Chemistry of Life, The Cell, Genetics, History of Life, Animal Form and Function, and Ecology. Grading in this class will be more heavily influenced by tests and quizzes than the non-honors selection (laboratory exercises, homework and class-work).

- ***This course fulfills the Biology Requirement the MMC high school diploma***
- ***Career Pathways match to these skills:***
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Natural Resources and Agri-Sciences



## ❖ ELECTIVE SCIENCE COURSE

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0113CA/HS0113CB	Biomedical Engineering	9-12	1

**Prerequisite:** Pass the previous year's science course with an 80% or higher and/or instructor approval. Internet and computer access outside of school.

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Science Elective course.

- **Career Pathways match to these skills:**
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Natural Resources and Agri-Sciences

## ❖ INDIVIDUALS & SOCIETY

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0101EA/ HS0101EB	United States History	9	1

**Prerequisite:** None

This class will focus on events from the 1880's to the present. The areas of study will include imperialism, WWI, the Roaring 20's, Great Depression, WWII, Cold War, Civil Rights Movement, Vietnam conflict and current events. There will be a focus on geography's effect on historical events. Throughout this course, students can expect to write research papers, analyze primary source documents in addition to regular course work. This course fulfills the MMC requirements for US History and Geography.

- **This course fulfills the MMC 9th Grade Social Studies Requirement**
- **Career Pathways match to these skills:**
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0102EA/ HS0102EB	United States History-Honors	9	1

**Prerequisite:** Students taking this course should have at least a B in their previous social studies class as well as be competent readers and writers.

This class will focus on events from the 1880's to the present. The areas of study will include imperialism, WWI, the Roaring 20's, Great Depression, WWII, Cold War, Civil Rights Movement, Vietnam conflict and



current events. There will be a focus on geography's effect on historical events. Throughout this course, students can expect to write research papers, analyze primary source documents in addition to regular course work. This course fulfills the MMC requirements for US History and Geography.

☆ ***Much of this course will be to prepare students to take Advanced Placement history.***

Students must possess above average reading and writing skills as well as Willingness for extra out of class work. 8th grade teacher recommendation suggested. Students must also select 2nd semester US History Honors 1833.

☆ ***Honors courses differ from regular sections as the following will be expected:***

- ✓ Essays will be given on all tests
- ✓ No word banks will be provided for key vocabulary
- ✓ Students will be expected to complete one individual project per marking period
- ✓ Students must read and write at or above their grade level
- ***This course fulfills the MMC 9th Grade Social Studies Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

## ❖ ART DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0114JA/ HS0114JB	Art I	9-12	1

**Prerequisite:** None

**NO FEES:** Project purchase - a student may opt to purchase their project(s).

This class is an introduction to various two dimensional and three dimensional art media (pencil, pen & ink, colored pencils, markers, clay, temperas, watercolors, pastels, etc). Students will gain knowledge and practice in several basic-drawing elements and principles (basic shapes and forms, shading, texture, composition, design, overlapping, perspective, creativity, animals, portraits, figure drawing, color theory, etc.) to increase their ability to create a quality work of art. Throughout the various projects and exercises students will increase technical as well as creative skills. A basic background of art history is included to develop art appreciation. All students are required to participate in the annual Spring Art Show.

- ***This course can fulfill the MMC Visual/Performing/Applied Arts requirement.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Human Services



## BUSINESS DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0107HA/ HS0107HB	Introduction to Entrepreneurship	9-12	1

**Prerequisite:** Interest in a business career

This course will introduce students to the concepts of business basics as well as owning and operating a business. Students will be introduced to business management, marketing, stock/bonds, business presentations, teamwork skills, leadership skills, career planning, and basic technology applications. In addition, students will be introduced to entrepreneurial skills and concepts including product/service planning, pricing, advertising, marketing, financing, and other business management skills. This course is project based and students will complete a business plan as well as plan a grand opening for their business. Students will use a variety of technology resources and work in an online education environment to complete assignments and projects. Students will receive a balanced curriculum that includes creative and critical thinking skills, reflection pieces, communication and presentation skills, and knowledge that can be applied in the real world.

- **Program Opportunities:**

- Business Professionals of America (BPA) Student Organization
- Potential Academic Credit Options
  - ◆ Introduction to Entrepreneurship Elective
  - ◆ World Literature Humanities, or AP English 11 (when completed in 11th Grade)
  - ◆ English 12 (when Introduction to Entrepreneurship and Entrepreneurship and Innovation have been completed)
  - ◆ Online Experience
  - ◆ Visual, Performing, and Applied Arts Experience
- 4th Year Math (when completed in 12th Grade and Algebra Two credit is earned)
- College Credit Available

Note(s):

1. Students who have successfully completed this course may be eligible to be a Business Office Aide.
2. Students will need to come with good organizational skills and a willingness to truly explore the opportunities of an entrepreneur. This course will operate with the same expectations and materials similar to a college-level course in an Entrepreneurship Program.

## ENGINEERING

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0111QA/ HS0111QB	Introduction to Engineering	9-12	1

**Prerequisite:** Successful completion of the previous year's science course.

Co-requisite: Algebra I

Designed for first year engineering students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students learn technical drawing standards and use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. This course will teach students the industry standards along with professionalism that goes along with being a successful



engineer in today's world. Note: This course will operate with the same expectations and materials similar to a college-level course in an Engineering Program.

- **Program Opportunities:**

- Skills USA Student Organization
- Meets Online Experience Requirement
- Meets Visual, Performing and Applied Arts Requirement
- Fulfills 4th Year Math Requirement if completed in Senior Year (students must have passed the Algebra Two also)
- Science Elective Credit Must have credit in both Intro. To Engineering Design and Principles of Engineering)
- College Credit Available

## ❖ FAMILY & CONSUMER SCIENCE DEPARTMENT

 COURSE NO. S1	COURSE NAME	GRADE LEVEL	CREDIT
HS0115QA/HS0115QB	21 <sup>st</sup> Century Families	9-12	1

**Prerequisite:** None

21st Century Families is a course that provides students with an opportunity to study the positive development of relationships, children and families today. Topics include: personal growth and wellness, diversity in family structures, effects of social media, impact of communities, multiple roles of family members, importance of creative and critical thinking, globalization, responsibilities and challenges of parenthood, prenatal development, preparation for birth, the birth process; newborn care. Special emphasis will be placed on hands-on-learning and real world applications. Students will receive a balanced curriculum that includes creative and critical thinking skills, reflection pieces, communication and presentation skills, and knowledge that can be applied in the real world.

- **Program Opportunities:**

- Family, Career and Community Leaders of America (FCCLA) Student Organization
- Meets Online Experience Requirement
- College Credit Available
- Social Studies Elective

## ❖ INDUSTRIAL TECHNOLOGY DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0103JA/ HS0103JB	Wood Technology	9-12	1

**Prerequisite:** None

**NO FEES:** Project purchase - a student may opt to purchase their project/s.

Wood Technology is a course that introduces fine woodworking. This course focuses on how to safely and properly use woodworking machinery. Students will learn aspects of layout/planning and material estimation of projects. Students will also learn techniques for creating a quality project including lamination and proper finishing. Students will learn through demonstration, lecture, technology, research and hands-on activities. Proper clothing and safety equipment are required. Note: This course will operate with the same expectations and materials similar to a college-level course in a Wood Technology Program.



- **Program Opportunities:**
  - Michigan Industrial & Technology Education Society (MITES) Student Organization
  - Meets Visual, Performing and Applied Arts Requirement
  - Meets 4th Year Math Requirement when completed in Senior Year (and student has received credit in Algebra Two)
  - College Credit Available

## ❖ INSTRUMENTAL MUSIC DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0121JA/ HS0121JB	Freshman Band	9	1

**Prerequisite:** Each student must have experience playing a band instrument.

This is an entry level course for the high school band program. Intermediate musical and marching skills are taught. Students are exposed to festival experiences, public concerts, parades and some out-of-school rehearsals. Participation in these activities is part of the expectations of this class. Extra time participating in pep band and Solo & Ensemble is considered in determining the grade.

- ***This course can fulfill the MMC requirement for Visual/Performing & Applied Arts.***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Human Services

## ❖ PHYSICAL EDUCATION/HEALTH DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0105IA	General Physical Education	9-10	1/2

**Prerequisite:** None

This class is required for graduation. Students enrolled in this class will participate in individual and group activities, team games, and contests. The following are some of the sports offered: Weight training, soccer, flag football, volleyball, floor hockey, basketball, team handball, bowling, golf, tennis, wrestling, softball, pool activities, archery, general games, cardiovascular exercise and various relays. Students are assessed through the President's Physical Fitness Tests. Skills learned in this class will be required in order to take other elective physical education classes. Safety is emphasized. The student has many opportunities to express desirable qualities of the 6 pillars of character. Students will be expected to wear suitable clothing for all physical education activities (gym shorts or sweatpants, shirt, shoes and socks). All classes except for general PE may be selected more than one time if all prerequisites are met. MME curriculum guidelines are followed in each physical education class that include: Health Related Fitness, Net/Wall, Target, Invasion, Striking/Fielding, and Rhythmic Activities.

- ***This course fulfills the MMC Physical Education Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology



- Health Sciences
- Human Services
- Natural Resources & Agri – Science

 COURSE NO. S1	COURSE NAME	GRADE LEVEL	CREDIT
HS0105IB	Health	9-12	1/2

**Prerequisite:** None

This course covers personal health issues from nutrition and fitness to alcohol and drug education. Health skills such as decision making, goal setting, communication and conflict resolution are studied and practiced. Topics include: Nutrition and Physical Activity, Alcohol, Tobacco, and Other Drugs, Safety, Social and Emotional Health, Personal Health and Wellness, HIV Prevention and Sexuality Education. Students will learn basic information needed to make the healthiest lifestyle choices.

- ***This course can fulfill the MMC requirement for ½ credit of Health Education***
- ***Career Pathways match to these skills:***
  - Health Sciences
  - Human Services

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0113IA/HS0113IB	Aerobic Fitness	9-12	1/2 to 1

**Prerequisite:** None

Physical Activities include: Pound, step-aerobics, Therabands, Zumba, fitness 300, swimming, yoga, walking and various aerobic activities. Students are encouraged to participate in daily aerobic activities and to wear suitable clothing for movement.

This class is designed for students that would like to set personal goals and want to work daily on improving levels of physical fitness including cardiovascular health, heart rate, flexibility, blood pressure, strength and endurance.

- ***This course fulfills the MMC Physical Education Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources & Agri – Science

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0107IA/ HS0107IB & Conditioning (STC)	Strength Training	9-12	1/2 to 1

**Prerequisite:** None

Activities will include calisthenics, cardiovascular exercise, BFS, weight training, agility drills, isometrics, swimming, sport-techniques, physical fitness oriented activities, as well as lifetime sport activities of an individual and team nature. Students will be expected to wear suitable clothing for physical education activities. Student may elect to repeat this class, if they passed STC the previous year. All classes except for





Physical Education classes may be selected more than one time if all prerequisites are met. Safety is emphasized. Students will be expected to wear suitable clothing for physical education activities (gym shorts, shirt, shoes and socks). Michigan Merit Curriculum guidelines are followed in each physical education class including: Health Related Fitness, Net/Wall, Target, Invasion, Striking/Fielding, and Rhythmic Activities.

This course can be taken for 1 semester of 2 semesters.

**Note:** A nominal fee may be required when students participate in activities such as bowling, golf and rollerblading.

- ***This course fulfills the MMC Physical Education Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources & Agri – Science

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS01061B	Net Team Sports	9-12	1/2

**Prerequisite:** Must have passed 1 semester of General Physical Education in order to enroll in this class. Freshman would have this class in the 2nd semester.

This is an elective course designed for the student who wants additional work in tennis, badminton, volleyball, table tennis, basketball, flag football, soccer, speedball, floor hockey, swimming, team handball, softball, team Frisbee games, and sport activities. Safety is emphasized. Students will be expected to wear suitable clothing for physical education activities (gym shorts, shirt, shoes and socks). Students may elect to repeat this class as long as they have passed the course previously. Students can take this course for a full year. All classes except for General Physical Education may be selected more than one time if all prerequisites are met. MME curriculum guidelines are followed in each physical education class that include: Health Related Fitness, Net/Wall, Target, Invasion, Striking/Fielding, and Rhythmic Activities.

**Note:** A nominal fee may be required when students participate in activities such as bowling, golf and rollerblading.

- ***This course fulfills the MMC Physical Education Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources & Agri – Science



**COURSE NO. S1/S2****COURSE NAME****GRADE LEVEL****CREDIT****HS0100IA/ HS0100IB****Girls Advanced PE****9-12****1/2 to 1**

**Prerequisite:** Current OHS Athlete or Teacher/Coach/AD recommendation (including OMS recommendation).

**ALERT:** One whole credit can be earned if taken both semesters (or entire year). Students are expected to work above and beyond the normal physical education expectations. This is an advanced class. Students are expected to work daily at an advanced level.

The class is an elective course designed for students who want to improve on strength, conditioning and their athletic skills. Emphasis will include: circuit training, free weights, Bigger, Faster, Stronger training circuit, plyometric agility drills, sport techniques and school sport activities of an individual and team nature. All classes except for General PE may be selected more than one time if all prerequisites are met. Safety is emphasized. Students will be expected to wear suitable clothing for physical education activities (gym shorts, shirt, shoes and socks). MME curriculum guidelines are followed in each physical education class that include: Health Related Fitness, Net/Wall, Target, Invasion, Striking/Fielding, and Rhythmic Activities. Students may select this class more than one time.

**NOTE:** Students may enroll in two different physical education classes in the same semester. A nominal fee may be required when students participate in activities such as bowling, golf and rollerblading.

- ***This course fulfills the MMC Physical Education Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services

**COURSE NO. S1/S2****COURSE NAME****GRADE LEVEL****CREDIT****HS0100IA/ HS0100IB****Boys Advanced PE****9-12****1/2 to 1**

**Prerequisite:** Current OHS Athlete or Teacher/Coach/AD recommendation (including OMS recommendation).

**ALERT:** One whole credit can be earned if taken both semesters (or entire year). Students are expected to work above and beyond the normal physical education expectations. This is an advanced class. Students are expected to work daily at an advanced level.

The class is an elective course designed for students who want to improve on strength, conditioning and their athletic skills. Emphasis will include: circuit training, free weights, Bigger, Faster, Stronger training circuit, plyometric agility drills, sport techniques and school sport activities of an individual and team nature. All classes except for General PE may be selected more than one time if all prerequisites are met. Safety is emphasized. Students will be expected to wear suitable clothing for physical education activities (gym shorts, shirt, shoes and socks). MME curriculum guidelines are followed in each physical education class that include: Health Related Fitness, Net/Wall, Target, Invasion, Striking/Fielding, and Rhythmic Activities. Students may select this class more than one time.

**NOTE:** Students may enroll in two different physical education classes in the same semester. A nominal fee may be required when students participate in activities such as bowling, golf and rollerblading.

- ***This course fulfills the MMC Physical Education Requirement***



- **Career Pathways match to these skills:**
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services

## ❖ VOCAL MUSIC DEPARTMENT

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0128QA/ HS0128QB	Bel Canto	9	1

**Prerequisite:** Entry Level Vocal Group for 9<sup>th</sup> grade girls

This is a performing ensemble for treble voices incorporating the development of vocal technique, musical style and music theory. As inquiring learners and thinkers, students will explore different cultures, techniques and styles through the study of primary choral literature. This balanced approach to music education will enable students to become open-minded, knowledgeable, caring individuals and musicians. Attendance at all dress rehearsals and performances is required.

- **This course can fulfill the MMC Visual/Performing/Applied Arts requirement**
- **Career Pathways match to these skills:**
  - Arts and Communication
  - Human Services

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0101JA/ HS0101JB	Men's Choir	9-12 Boys	1

**Prerequisite:** None

This is a performing ensemble for treble voices incorporating the development of vocal technique, musical style and music theory. As inquiring learners and thinkers, students will explore different cultures, techniques and styles through the study of primary choral literature. This balanced approach to music education will enable students to become open-minded, knowledgeable, caring individuals and musicians. Attendance at all dress rehearsals and performances is required.

- **This course can fulfill the MMC Visual/Performing/Applied Arts requirement**
- **Career Pathways match to these skills:**
  - Arts and Communication
  - Human Services

## ❖ LANGUAGE ACQUISITION (PREVIOUSLY CALLED WORLD LANGUAGES)

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0100SA/ HS0100SB	Spanish I	9-12	1

**Prerequisite:** Students must have good study skills and a good work ethic to succeed in world language.

Course includes speaking, listening, reading, writing, and culture. This course introduces basic Spanish vocabulary and grammar topics, including present-tense verb conjugations, as well as culture and geography. Students must demonstrate good math and English language skills to be successful. Students



will work on reading, writing, listening, and speaking in Spanish. Students will develop a better understanding of English as they compare it with Spanish.

- ***This course can fulfill the MMC Visual/Performing/Applied Arts requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Human Services
  - Business, Marketing, Manufacturing and Technology
  - Health Sciences
  - Engineering, Manufacturing and Technology
  - Natural Resources & Agri-Sciences

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## SPECIAL EDUCATION DEPARTMENT

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### ❖ MATHEMATICS

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS9100GA/ HS9100GB	Algebra One	9	1

**Prerequisite:** Students may only enroll in this course if they have an IEPC on file.

**ALERT:** Students entering this class have an Individualized Education Plan (IEP) on file and work better in a ***small group setting***. Curriculum meets the MDE requirement for those Special Education students ***earning a high school diploma***.

This class is designed to meet the Michigan Merit Curriculum for Algebra One.

The class is application motivated and begins with a unit on algebraic symbols, order of operations, probability and relative frequency. Students will study first-degree equations, inequalities, linear functions and inequalities. Other topics include:

Exponents, Pythagorean Theorem, polynomials, including operations with polynomials, factoring and perfect squares; systems of linear equations including weighted averages and inequalities; quadratic equations and the quadratic formula are used.

- ***This course fulfills the MMC Algebra One Requirement.***
- ***Career Pathways match to these skills:***
  - Arts and Communication

### ❖ LANGUAGE & LITERATURE

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS9102AA/HS9102AB	English	9-12	1

**Prerequisite:** Students may only enroll in this course if they have an IEPC on file.

**ALERT:** Students entering this class have an Individualized Education Plan (IEP) on file and work better in a ***small group setting***. Curriculum meets the MDE for those Special Education students that will be ***earning a high school diploma***.



Students will cover in the smaller classroom setting the following over the four years of high school:

- 9<sup>th</sup> Grade:** This is the first high school level English class that covers a broad range of writing and literature skills. Students will review the writing process, write several varieties of essays, learn the fundamentals of literary terms and work with assorted literature. Grammar and vocabulary are also addressed.
- 10<sup>th</sup> Grade:** Students will be asked to take an integrated and conceptual approach to the study of the various genres, forms and skills found in language, literature, grammar and composition.
- 11<sup>th</sup> Grade:** Focus on literature from many world venues beyond the US. It is primarily a composition and literature class. Writing includes a variety of modes. Literature includes a variety of writing forms written by contemporary and classic international authors.
- 12<sup>th</sup> Grade:** The goal for English 12 is to refine, apply, and extend the foundation of knowledge, skills, and strategies developed in English Language Arts 9, American Literature 10, and World Literature. English 12 students will use the lens of leadership and world perspectives by analyzing classic and contemporary texts, as well as identifying their own leadership skills and responsible actions as American citizens.

## ❖ SCIENCE

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS0001CA/HS0001CB	Science	9-12	1

**Prerequisite:** Students may only enroll in this course if they have an IEPC on file.

**ALERT:** Students entering this class have an Individualized Education Plan (IEP) on file and work better in a **small group setting**. Curriculum meets the MDE requirement for those Special Education students **earning a high school diploma**.

The study of Life Science will focus on the prerequisite essential and core content statements as developed by the MDE. Study will include: The chemistry of Life, Genetics, Evolution and biodiversity, Interdependence of Living Systems and the Environment, and Scientific Inquiry. This course completes the biology credit required for a diploma by the MDE.

This course delves into both theoretical and experimental chemistry and thus includes labs. Topics include conversions, units, periodicity, gas laws, stoichiometry, thermochemistry, bonding, polarity, phase changes, reaction rates, equilibrium, solutions, oxidation-reduction, acid-base theories, nuclear chemistry and organic chemistry.

- ***This course is designed to meet the high school graduation requirement for chemistry or biology.***
- ***This course fulfills the MMC 9th Grade Social Studies Requirement***
- ***Career Pathways match to these skills:***
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Natural Resources and Agri-Sciences



## ❖ INDIVIDUALS & SOCIETY

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS9100DA/ HS9100DB	United States History	9	1

**Prerequisite:** Students may only enroll in this course if they have an IEPC on file.

**ALERT:** Students entering this class have an Individualized Education Plan (IEP) on file and work better in a **small group setting**. Curriculum meets the MDE requirement for those Special Education students **earning a high school diploma**.

This class will focus on events from the 1880's to the present. The areas of study will include imperialism, WWI, the Roaring 20's, Great Depression, WWII, Cold War, Civil Rights Movement, Vietnam conflict and current events. There will be a focus on geography's effect on historical events. Throughout this course, students can expect to write research papers, analyze primary source documents in addition to regular course work. This course fulfills the MMC requirements for US History and Geography.

- ***This course fulfills the MMC 9th Grade Social Studies Requirement***
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources and Agri-Sciences

## ❖ ELECTIVES

 COURSE NO. S1/S2	COURSE NAME	GRADE LEVEL	CREDIT
HS9101JA / HS9101JB	Social Skills	9-12	1

**Prerequisite:** Students may only enroll in this course if they have an IEPC on file.

- ***This course will provide students with the opportunity to learn skills in the following:***
  - Daily Living Skills
  - Personal Social Skills
  - Occupational Skills
  - Students will be exposed to food preparation and kitchen safety
  - Students need to be willing to be a part of community service projects
- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources





**COURSE No. S1/S2**

**COURSE NAME**

**GRADE LEVEL**

**CREDIT**

**HS9105QA/HS9105QB**

**Learning Through Film**

**9-12**

**1**

**Prerequisite:** Students may only enroll in this course if they have an IEPC on file.

Learning Through Film is an elective credit for students with an I.E.P. In this class films are chosen to fit different themes that deal with current events, historical perspectives, society and the IB propensities. The class is based around discussion, projects and weekly rating of film. Students are graded on participation and quality of work.

- ***Career Pathways match to these skills:***
  - Arts and Communication
  - Business, Management, Marketing, and Technology
  - Engineering, Manufacturing and Industrial Technology
  - Health Sciences
  - Human Services
  - Natural Resources & Agri-Science



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## GLOSSARY

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**Academic Program** – Students, through Career Cruising, explore course curriculum, interests, and possible employment, select courses that match over a 2-3 year period. This cluster of courses allows students to experience and learn about a specific major interest in the career field.

**Accommodated** - Tests, quizzes and assignments that are given various assistive devices or tools to provide the student another form of demonstrating mastery of the subject matter or unit of study.

**Articulated Credit**- Process of granting college credit for high school coursework. The classes are taken at your high school or your school district's technical education center. CTE programs must have some kind of agreement between their program and a post-secondary school.

**Advanced Placement (AP)** - A program provided to students through the curriculum developed to challenge students looking to accelerate their learning and challenge them as a student. Courses are designed to be taught at college-level thinking and analyzing, allowing students to broaden their knowledge, as well as potentially earning college credit. Advanced Placement courses allow students to take an end of the year exam which could provide the student with college credits based on the end of the year exam score.

**Career Cruising** – Online software program providing students and parents with the ability to explore learning style, career exploration, resume development, test preparation, high school planning, and post-secondary planning. Parents also have a login portal of your own to access their child's Education Development Plan (EDP). Parents may also choose to create an EDP for themselves to explore their own opportunities.

**Career Pathways** – Integrated collection of programs and services intended to develop students' core academic, technical and employability skills; provide them with continuous education, training; and place them in high-demand, high-opportunity jobs. These are the six pathways recognized: Arts and Communication, Business, Management, Marketing & Technology, Engineering/Manufacturing and Industrial Technology, Natural Resources & Agri-Science, Human Services, Health Sciences.

**College** - Any institution providing training beyond high school toward a credential or degree that leads to employment or a career of interest.

**Credit** - Students will have the opportunity to take 7 courses each semester and over the semester each class is given 0.50 points which are called credits. Students must accumulate 24 credits over the 4 years at Owosso High School and meet the Michigan Merit Curriculum requirements along with the Owosso Public School requirements to receive an Owosso High School diploma.

**Credit Recovery** - Students can recover credit toward their high school diploma if they have gone below the required amount toward graduation. On campus Summer School Credit Recovery courses are available to students seeking to recover courses they did not successfully complete. Speak with the counselor about arranging this class as it does require counselor or administrator approval.

**Dual Enrollment** - Students in 10th through 12th grades can access college course work and earn college credit through this program. Eligibility to take these courses depends on meeting benchmarks on the state assessment tests called the Michigan Merit Curriculum or by taking the PSAT test in grades 9 and 10.

**Educational Development Plan (EDP)** – Which is required by the Michigan Department of Education that all students at the secondary level have a plan of study and exploration. In 7<sup>th</sup> grade students explore careers and as they progress through middle school and high school continue to explore and adjust goals, interests in careers, learn about employment projections and of course make course requests for classes each year. The EDP provides students with useful tools to create a resume from their documentation of





interests, hobbies, education projections, course planner outline, volunteer experiences, as well as activities

**Eligibility** - this is a criterion necessary to be able to take a class or begin a program. Another word for this would be “requirement”. There are many programs at the high school in the area of classes or curriculum that have “requirements” so it is important that students and parents read the course description carefully before deciding to take a class.

**GLAD** - the GLAD program is a schedule hour when students meet with their mentor teacher to learn about relationships, life skills, test prep for the Michigan Merit Exam, work on their Personal Project and various other items. Grade Level groups meet to develop the various guest speakers or video information that might occur during this time and make sure students are given time to work on the grade level projects if necessary.

**Off Track** - Refers to when a student credit accumulation drops below the required amount of credits need to be on a path toward receiving their high school diploma. As a 10th grader student MUST complete the year with at least 10 credits to be on track to graduate; as an 11th grade student they must complete their junior year with at least 17 credits to be on track to be a senior. For 9th grade students to be considered a 10th grader at the end of their Freshman year they need to have received 3 credits.

**Online or Hybrid Courses** – Students can take their course over the internet. The instructor works with the students through computer and internet access. These courses require students to have study habits such as self-motivated, independently able to work on materials without an instructor present every day. Student can set up a time to work on the materials and get assignments done without the instructor there in the classroom. These are very challenging courses due to the fact that the students have to be self-disciplined to work on the assignments every day. Students who procrastinate should not consider online courses.

**Post-secondary Education** – Any education and training toward job skills and employment that occurs beyond high school graduation.

**Qualifying Score** - many times programs require students to have taken a test or exam to see if they are able to successfully complete a class. The qualifying score is an assessment of the student’s skills indicating they have the preliminary skills to take a class and be able to successfully complete the class.

**Reach Higher OHS** – This is the online website created for students, parents, and the Owosso community to provide information on high school programming, resources in our community, opportunities for students as well as educating the parents and community on the wealth of information students and parents need to be prepared for a successful post-secondary experience and entry in a career or job market or the military.

**SEC**-Shiawassee Early College - the early college program is a special program that allows a student to take high school courses toward a high school diploma and at the same time take college courses to earn credits toward an associate degree or up to 60 credit hours in a program of study.

**Shiawassee Early College (SEC)** – Innovative way for high school students to earn both a high school diploma and a two-year associate's degree or up to 60 credit hours in a program of study.

**Secondary Education** – Starts upon completion of basic education (K-5), it begins with grades 6-8. Education at the 9th to 12th grade levels shows more subjects may be dropped, and an increase in specializing into programs of study occurs. The educational focus is varied according to future direction of the student, and their interests.

**Special Programs** - There are many new instructional experiences available to students through Owosso High School. The special programs involve various exploratory experiences as well as dual enrollment



opportunities to earn college credit or even an associate degree in the 5th year of secondary education. Students need to look carefully at the curriculum guide to see the various programs of study they can access in the 4 years they are at Owosso High School.

**Testing Out** - Program that allows students to take the final exam of a specific core curriculum to see if they can move to the next grade level subject and accelerate through the curriculum. Students must take the exam on a specific day in August and must reach at least 80% mastery of the exam to receive the waiver to take the course.

**Transcript** – Official record indicating the courses taken and the grade the student received in that course along with the year the course was taken and at what school it was taken. Students use this document as a record of the credits they have earned toward a diploma and also to submit with the college application to demonstrate to the colleges their ability to do college level work.

**Trojan Days** - Those dates that are identified for students to enroll in Owosso High School for that school year. Usually these days are in the 2nd and 3rd week of August each year.

**Weighted Grade** - Grades earned in the advanced placement courses are weighted at a slightly higher scale than the 4.0 traditional grading scale.





***See You at the Incoming 9th Grade***

***Parent Orientation Night***

***5:30 pm CTE Displays | 6:00 pm Parent Meeting***

***Thursday, January 23, 2020***

***OHS Media Center***

