

**PROGRAM OF STUDIES BY DEPARTMENTS  
FOR  
HARRISON COMMUNITY HIGH SCHOOL**

Listed on the following pages are the descriptions of courses which are available to students attending Harrison Community High School.

NOTE—Each course listed is preceded by a number. The first digit indicates the department or area of instruction. The second digit indicates the lowest grade at which the course can be taken. The third digit is simply a series code.

KEY CODE

First digit: Indicates department

- 000 - Social Studies
- 100 - Mathematics
- 200 - Science
- 300 - English
- 400 - Foreign Language
- 500 - Industrial Education – Life Management – ROTC
- 550 - CTE CGRES D Career Tech Center
- 600 - Business Education
- 700 - Physical Education – Health Education
- 800 - Visual, Performing, and Applied Art – Music
- 900 - Special Education
- 950 - Special Programs

Second digit: Indicates lowest grade level that can take course (with the exception of 550 Career Tech Center, 900 Special Education, & 950 Special Programs)

- 0 - Course open to all grade levels
- 1 - 9<sup>th</sup> grade (freshman) level course
- 2 - 10<sup>th</sup> grade (sophomore) level course
- 3 - 11<sup>th</sup> grade (junior) level course
- 4 - 12<sup>th</sup> grade (senior) level course
- A - 1<sup>st</sup> or 2<sup>nd</sup> Trimester
- B - 2<sup>nd</sup> or 3<sup>rd</sup> Trimester
- C - 3<sup>rd</sup> Trimester

Third digit: of no importance to students

Examples: 325A - English II A

- 3 - English Department
- 2 - 10<sup>th</sup> grade level course  
(open to 10<sup>th</sup> grade and above)
- 5 - Series digit
- A - 1<sup>st</sup> or 2<sup>nd</sup> Trimester

000 - Current Geography

- 0 - Social Studies Department
- 0 - Open to all levels
- 0 - Series digit

SOCIAL STUDIES DEPARTMENT - 000

CREDITS AND REQUIREMENTS

1. All students must have three credits in Social Studies to graduate. This includes:
  - a. One (1) credit of American History & Geography in the sophomore year.
  - b. One (1) credit of World History & Geography in the junior year.
  - c. One-half (½) credit of Government – senior year.  
One-half (½) credit of Economics – senior year.
2. Any student may elect additional Social Studies courses beyond the above requirements.
3. Each student may take a maximum of two (2) Social Studies classes during any trimester.

**1 Trimester Courses = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

000 CURRENT GEOGRAPHY 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

Current Geography brings together two vitally important aspects of the Social Studies curriculum. First, the course will chronicle and interpret international, national, state and local news events and how they impact on the course of human affairs. Secondly, by using a regional geographic approach, students will gain an appreciation for the economic, cultural and political conditions that exist around the world.

001 MICHIGAN HISTORY 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course deals with Michigan History from the Indian era to the present day. Included in this class will be studies of the first Indian settlements, French period, French and Indian War, American entry, statehood, Civil War, lumbering, and Great Lakes shipping. This course will also deal with Michigan during the Twentieth Century. Special emphasis will be placed on changing agriculture, industrialization and recreation.

020A AMERICAN HISTORY & GEOGRAPHY A  
020B AMERICAN HISTORY & GEOGRAPHY B  
(Required 10<sup>th</sup>) 2 Trimesters

The major emphasis will be on the growth of an industrial and urban America through the 21<sup>st</sup> Century. It will include the study of the world wars from the American perspective, the Roaring 20's, the Depression of the 30's, the Korean and Vietnam conflicts, Watergate and life in the 80's and 90's. Throughout this study the student will learn how government, economics activity and geography have played an important role in the shaping of our country's past and present.

022 GLOBAL ISSUES IN ACTION/JA 10<sup>th</sup> - 12<sup>th</sup> 1 Trimester  
(Junior Achievement Company Program)

This class will focus on current social, political, and economic events as well as trends at the local, state, national, and global levels. Additionally, students will also participate in the Junior Achievement Program to help them appreciate and better understand the role of business in our society.

030A WORLD HISTORY & GEOGRAPHY A  
030B WORLD HISTORY & GEOGRAPHY B  
(Required 11<sup>th</sup>) 2 Trimesters

This course approaches the world's people, places and events from a cultural, economics, geographical, political, and historical perspective. Studies will begin with the Stone Age and progress to current times. During the progress of this course cultures and countries from all continents of the world will be covered.

034 SOCIOLOGY 11<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This is an introductory course in the science of sociology. Instruction will include such areas as group behavior, the individual role in group-origins, variations, values, and social control of social problems (race, population, crime, environmental pollution).

The class is designed for the student who has a sincere desire to gain a better understanding of self and human relationships. A willingness to participate honestly and intelligently in discussion is essential.

035 PSYCHOLOGY 11<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course involves many of the basic introductory concepts of psychology. Units studied include psychology defined, psychological methods, human development, biological influences on behavior, understanding personality, measuring personality, intelligence, classical and operant conditioning, learning, thinking, creativity, psychological disturbances, and facing frustration and conflict.

The class is designed for the student who has a sincere desire to gain a better understanding of self and human relationships. A willingness to participate honestly and intelligently in discussion is essential.

040 GOVERNMENT

(Required 12<sup>th</sup>)

1 Trimester

This course emphasizes the responsibilities of the citizens in a democracy. The course content includes why and how our government was created, the study of the three branches of the national government, and the examination of state and local government. Students will obtain first hand knowledge of their civil liberties and fundamental freedoms.

044 ECONOMICS

(Required 12<sup>th</sup>)

1 Trimester

This course will study how people attempt to utilize scarce resources to satisfy unlimited wants. Topics studied will include supply and demand, production and productivity, money and financial institutions, economic stability, international trade, and the influence of the government on the free enterprise system.

MATHEMATICS DEPARTMENT - 100

CREDITS AND REQUIREMENTS

1. All students in the graduating class of 2010 must have two (2) credits of mathematics to graduate. All students in the graduating classes of 2011 and beyond must have four (4) credits of mathematics to graduate, including a math class during the student's senior year.
2. The second trimester of a 2 Trimester Course cannot be taken without having had the first trimester.

Class of 2010		Classes of 2011 and beyond	
9 <sup>th</sup> Grade	1 credit of Mathematics	9 <sup>th</sup> Grade	1 Credit of Intro to Algebra I, Algebra I, or Geometry
10 <sup>th</sup> Grade	1 Credit of Mathematics	10 <sup>th</sup> Grade	1 Credit of Mathematics in sequence
11 <sup>th</sup> Grade	May choose a math elective	11 <sup>th</sup> Grade	1 Credit of Mathematics in sequence
12 <sup>th</sup> Grade	May choose a math elective	12 <sup>th</sup> Grade	1 Credit of Mathematics in sequence or Mathematics elective if available
<i>(2 Credits required to graduate)</i>		<i>(4 Credits required to graduate)</i>	

**1 Trimester Course = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

110A INTRO TO ALGEBRA I A  
110B INTRO TO ALGEBRA I B

2 Trimesters

This course is designed to offer a more in-depth study of Algebra I concepts and standards. Intro to Algebra I is a 2 trimester course. Emphasis is placed on expressions, equations and linear functions.

111A ALGEBRA I CONCEPTS A  
111B ALGEBRA I CONCEPTS B

2 Trimesters

This course is designed to offer a more in-depth study of Algebra I concepts and standards. Algebra I Concepts is a 2 trimester course and can only be taken after the completion of Intro to Algebra I. Emphasis is placed on polynomials, nonlinear functions, radical functions, rational functions, and data analysis.

*Prerequisite: Satisfactory completion of 110A Intro to Algebra I A and 110B Intro to Algebra I B*

112A ALGEBRA I A  
112B ALGEBRA I B

2 Trimesters

This course provides a study of algebra standards and concepts. Emphasis is placed on expressions, equations, linear functions, polynomials, nonlinear functions, radical functions, rational functions and data analysis. Students that have received credit in Intro to Algebra I and Algebra I Concepts cannot take Algebra I.

113A GEOMETRY A  
113B GEOMETRY B

2 Trimesters

Geometry is a two (2) trimester course in which the student will study inductive and deductive reasoning and their differences. In doing this the student will study points, angle relationships, line relationships, planes, similarity congruence with emphasis on triangles, polygons, circles and arcs, inequalities, ratio and proportion, similar figures, right triangle trigonometry, construction of geometric figures, and locus.

*Prerequisite: 110A & 110B Intro to Algebra I and 111A & 111B Algebra 1 Concepts ,  
or 112A & 112B Algebra I*

114A ALGEBRA II A  
114B ALGEBRA II B

2 Trimesters

This course expands topics from Algebra I and moves on to solving systems of equations and inequalities; matrices; polynomial functions; irrational and complex numbers; conics, exponential and logarithmic function, sequences and series; statistics and probability; and trigonometric function, identities, and graphs. This course puts an emphasis on applying and connecting these topics to real world situations in technology, career, and everyday life.

*Prerequisite: 113A & 113B Geometry or taken simultaneously with Geometry*

130A PRE-CALCULUS A  
130B PRE-CALCULUS B

2 Trimesters

This course introduces topics dealing with functions (polynomial, rational, trigonometric, exponential, and logarithmic), vectors, parametric equations, conics, discrete math, statistics, data analysis, graph theory, limits, derivatives, and integrals. This course should prepare a student for college level pre-calculus and calculus courses. Applications in science and technology in this course show a practical use for these concepts.

*Prerequisite: 114A Algebra II A & 114B Algebra II B*

132 CALCULATORS, COMPUTERS, & MATHEMATICS      11<sup>th</sup> - 12<sup>th</sup>      1 Trimester

Calculators, computers, and mathematics is an elective math course designed for high school students. Students will learn how to use the TI-83 graphing calculator as a tool to understand math concepts. The computer will be used as a tool throughout the course. The Internet will be used as a resource to understand and expand on math ideas.

134 INTRODUCTION TO STATISTICS AND PROBABILITY 11<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course is intended to develop a deeper understanding of the standards that deal with statistics and probability that are introduced in Algebra I and Algebra II. It will prepare students who plan to go into a math or science related field which will require a statistics course in college. Topics to be covered include data collection and analysis, producing and interpreting plots, and probability with a focus on real world applications.

*Prerequisite: 114A Algebra II A & 114B Algebra II B or taken concurrently*

141A CALCULUS A  
141B CALCULUS B

2 Trimesters

This course develops and takes mathematics to a whole new level. This course develops topics in functions, limits, and continuity; derivatives; integrals; plane curves and polar coordinate; series, power series and complex numbers; vectors; partial derivatives; and integrals over plane and solid regions. This course gives real-world applications in science, technology, and careers to show students why calculus is important to their future.

*Prerequisite: 130A Pre-Calculus A & 130B Pre-Calculus B*

SCIENCE DEPARTMENT - 200

CREDITS AND REQUIREMENTS

1. All students in the graduating class of 2010 must have two (2) credits of science to graduate. All students in the graduating classes of 2011 and beyond must have three (3) credits of science to graduate.

<b>Class of 2010</b>		<b>Class of 2011 and beyond</b>	
9 <sup>th</sup> Grade	½ Credit of Earth Science ½ Credit of Physical Science	9 <sup>th</sup> Grade	½ Credit of Earth Science ½ Credit of Physical Science
10 <sup>th</sup> Grade	1 Credit of Biology	10 <sup>th</sup> Grade	1 Credit of Biology
11 <sup>th</sup> Grade	May choose a Science Elective	11 <sup>th</sup> Grade	1 Credit of Chemistry or Physics
12 <sup>th</sup> Grade	May choose a Science Elective	12 <sup>th</sup> Grade	May choose a Science Elective
<i>(2 Credits required to graduate)</i>		<i>(3 Credits required to graduate)</i>	

2. Students are encouraged to take additional classes to meet their education and life goals.
3. The second trimester of a 2 trimester course cannot be taken without having had the first trimester.

**1 Trimester Course = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

205 OUTDOOR RESOURCE APPRECIATION 9<sup>th</sup> - 10<sup>th</sup> 1 Trimester

Students taking this course will learn about the outdoor resources Michigan has to offer. Students will learn hunting and fishing techniques as well as rules and regulations for those activities. Other recreational activities, locations, and equipment needs will be investigated.

210 EARTH SCIENCE (Required 9<sup>th</sup>) 1 Trimester

This Earth Science course for freshmen is a 1 Trimester course that is designed to develop the individual's background in earth science. Topics of discussion will include an introduction to science, the solid Earth, fluid Earth, Earth & Space, and the atmosphere.

215 PHYSICAL SCIENCE (Required 9<sup>th</sup>) 1 Trimester

This Physical Science course for freshmen is a 1 Trimester course that is designed to develop the individual's background in physical science. Topics of discussion will include the scientific method, motion and forces, forms of energy, energy transfer & conservation, properties of matter, and changes in matter.

220A GENERAL BIOLOGY A (Required 10<sup>th</sup>) 2 Trimesters  
220B GENERAL BIOLOGY B

This is a course for students who wish to have a basic background in biology that will cover state standards not previously learned in Physical Science and Earth Science. The course content expectations include inquiry reflection and social implication, organization and development of living systems, interdependence of living systems and the environment, genetics, and evolution and biodiversity. The introduction to laboratory practices will be emphasized.

*Prerequisite: 210 Earth Science & 215 Physical Science*

221A CHEMISTRY A 10<sup>th</sup> - 12<sup>th</sup> 2 Trimesters  
221B CHEMISTRY B

This course will focus on the composition of substances and the changes that take place in their composition. Lab exercises will emphasize the fundamental principles. These principles include measurements, forms of energy, energy transfer and conservation, properties of matter, and changes in matter.

*Prerequisite: 210 Earth Science, 215 Physical Science, 220A & 220B General Biology and 110A & 110B Intro to Algebra I or taken concurrently with 111A & 111B Algebra1 Concepts, and 220A & 220B General Biology.*

*\* Chemistry or Physics are required for the class of 2011 and beyond.*

222A CONSERVATION A 10<sup>th</sup> - 12<sup>th</sup> 2 Trimesters  
222B CONSERVATION B

This course is designed for students interested in studying the science of ecology and the history of conservation. Emphasis will be placed on natural resources including organisms, soils, atmosphere, and the factors that affect them. Students will study endangered species; invasive species; pollution of land, air, and water; and ecosystems such as wetlands, woodlands, shorelines, and dunes. Food chains and biodiversity within ecosystems and preservation of our natural resources will also be studied.

*Prerequisite: 210 Earth Science & 215 Physical Science*

225A APPLIED CHEMISTRY A  
225B APPLIED CHEMISTRY B

10<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

This course will study all essential chemistry concepts over 2 trimesters. Those concepts will focus on the composition of substances and the changes that take place in their composition. It will also focus on measurements, forms of energy, energy transfer and conservation, properties of matter, and changes in matter with an emphasis on lab work, both individual and group oriented. This class fulfills the Chemistry requirement for all 2011 graduating classes and beyond.

*Pre-requisites: 210 Earth Science, 215 Physical Science, and 110A & 11B Intro to Algebra 1 or taken concurrently with 220A or 220 B General Biology. (Placement in this course also requires recommendation of science staff and counseling department.)*

227 FORENSIC SCIENCE I

10<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This course is designed for students interested in studying crime scene analysis. The class is designed around authentic performance assessments with students working in teams to solve crimes using scientific knowledge and reasoning. Students will apply concepts learned in biology, chemistry, earth science and physics to the area of crime scene investigation with an emphasis in critical thinking. As a result the course has a strong emphasis on laboratory work, inquiry, and problem solving. In addition, students must incorporate the use of technology, communication skills, language arts, art and mathematics. Working as a team is stressed, as each assessment requires thorough investigative work by a group and each team member must contribute to the activity.

*Pre-requisites: 210 Earth Science, 215 Physical Science, 110A & 110B Intro to Algebra 1, or taken concurrently with 111A & 111B Algebra 1 Concepts.*

229 FORENSIC SCIENCE II

10<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This course is designed as a continuation of Forensic Science I. It should be taken by those students who are interested in a career as a forensic scientist. Concepts learned in Forensic Science I will be expanded and integrated into new concepts. There will be an emphasis on the law and how it pertains to evidence collection and analysis. During this trimester students will also study the mathematical components of analysis in much more detail.

*Pre-requisites: Forensic Science I*

230A ADVANCED BIOLOGY A                      11<sup>th</sup> - 12<sup>th</sup>                      2 Trimesters  
230B ADVANCED BIOLOGY B

This course is designed for students who want to have a basic understanding of the anatomy and physiology of the basic kingdoms of life. Plants and animals will be studied in a lab oriented setting.

*Prerequisite: 220A General Biology A & 220B General Biology B*

231A PHYSICS A                                      11<sup>th</sup> - 12<sup>th</sup>                                      2 Trimesters  
231B PHYSICS B

The basic physics course uses algebraic and geometric ideas continually. Physics topics that will be covered: motion of objects, forces and motion, and forms of energy and energy transformations. This course will provide an introductory background of the classical ideas and labs of these physics concepts. Offered based on demand only.

*Prerequisite: 210 Earth Science, 215 Physical Science, 220A & 220B General Biology, and 113A & 113B Geometry is recommended*

*\* Chemistry or Physics is required for the class of 2011 and beyond.*

233 HUMAN ANATOMY AND PHYSIOLOGY                      11<sup>th</sup> - 12<sup>th</sup>                      1 Trimester

This course is designed to expand student's knowledge in the understanding of human anatomy. Through labs, journal work, guest speakers and computer exploration students will study the following concepts: body organization and terminology, biochemistry, cell structure and function, metabolism and human disease, the integument (skin), skeletal, muscular, cardiovascular, nervous, endocrine and reproductive systems. This class is recommended for all students who will enter any medical program in college. (Nurse, doctor, physician assistant, home health care, etc)

*Prerequisite: 220A and 220B General Biology*

ENGLISH DEPARTMENT - 300

CREDITS AND REQUIREMENTS

Class of 2010		Classes of 2011 and beyond	
9 <sup>th</sup> Grade	1 Credit of English I	9 <sup>th</sup> Grade	1 Credit of English I
10 <sup>th</sup> Grade	1 Credit of English II	10 <sup>th</sup> Grade	1 Credit of English II
10 <sup>th</sup> - 12 <sup>th</sup> Grades	1 Credit English Elective and ½ Credit Speech	11 <sup>th</sup> Grade	1 Credit of English III or Prac. English III
		12 <sup>th</sup> Grade	1 Credit of English IV or Prac. English IV
<i>(3 ½ Credits required to graduate)</i>		<i>(4 Credits required to graduate)</i>	

Class of 2010 Elective (non-required) courses recommended for college-bound students:

335 English III (Junior year)

345 English IV (Senior year)

**Beginning with the class of 2011 the following are required for graduation:**

Practical English III or English III

Practical English IV or English IV

**1 Trimester Course = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

302A NEWSPAPER STAFF A

10<sup>th</sup> - 12<sup>th</sup>

3 Trimesters

302B NEWSPAPER STAFF B

302C NEWSPAPER STAFF C

*(Elective English credit)*

Students enrolled in this class are responsible for the publication of the high school newspaper. This includes involvement in writing and editing stories, articles, and features to be presented in this paper. Students can expect to improve their knowledge in all areas of the newspaper publishing business.

*Prerequisite: Sign up during special registration, written application required, and students will be selected by a panel of teachers.*

303 CONTEMPORARY YOUNG ADULT LITERATURE 9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This literature course is designed for students who enjoy reading. The main focus of this course will include identifying literature elements, clarifying key concepts relevant to adolescents, recognizing interests and abilities that occur within reading, and exploring a diversity of cultures through several genres of literature, such as poetry, prose, short stories, memoirs, and novels. Students will demonstrate learning through participation in book talks, literature circles, group discussions, as well as daily and unit projects that are relevant to the subject matter being taught.

## 305 CLASSIC" YOUNG ADULT LITERATURE

9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This course is designed for any student who enjoys reading. Students will work independently and in groups to develop comprehension skills and build reading strengths by reading classic novels chosen from a recommended college bound reading list (fiction and nonfiction). Reading, writing and project activities will be used to encourage critical and creative thinking.

## 307 CREATIVE WRITING

9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This course will provide students with the opportunity to showcase their creative abilities related to writing. The subjects that will be covered are the use of figures of speech, descriptive writing, poetry, free writing, brainstorming, and outlining. Conventions of grammar, usage, and mechanics will be used to enhance writing skills. Students will have the opportunity to do self-edit, peer edit, and utilize rubrics to evaluate the writing process.

315A ENGLISH I A  
315B ENGLISH I B(Required 9<sup>th</sup>)

2 Trimesters

This ninth grade class provides an overview of world literature combined with extensive practice in writing, emphasizing grammar, usage and vocabulary skills to prepare the student to achieve success in high school.

The literature selections will include a study of mythology, short stories, nonfiction, poetry, drama and at least three novels. Writing will focus on personal opinion essays, examining themes and literary techniques, and composing formal papers on a variety of topics. Source materials include Elements of Literature, Elements of Writing (9th grade level), and selected novels.

## 320 SPEECH (Required for the class of 2010)

1 Trimester

Both verbal and nonverbal means of communication are explored in this course. Students will learn the applied skills of interviewing, discussion, and public speaking in an interpersonal context consisting of perception, language, self awareness, and listening. Emphasis will be placed on critical thinking, feedback, and adjustment to the speaking situation itself. Students will participate in a mock job interview.

*\* Not available or required for the class of 2011 and beyond.*

This is a course for students interested in a law-related career (such as lawyer, legal secretary, etc.) or those who just would like to know more about our court system and law. Material covered will include the following: A brief history of courts and law, landmark cases (Brown v. Board of Education, etc.), legal terms/vocabulary, and trial procedure. Guests (such as a lawyer or a policeman) will be utilized to speak, and students will look at the portrayal of our courts and our legal system in the media (TV and movies). The play Twelve Angry Men will be read and viewed. Students will participate in at least one in-class mock trial, taking the roles of lawyers, witnesses, judge, and etc. Students will practice writing opening and closing arguments. Thirty Eight Witnesses will be read aloud in class. Students will make oral presentations (such as in the mock trial) and read short law-related articles found in newspapers and magazines.

325A ENGLISH II A  
325B ENGLISH II B

(Required 10<sup>th</sup>)

2 Trimesters

This sophomore course will include both world literature and writing. The literature study will be done with a focus on genre, with emphasis on understanding elements that enhance appreciation of short stories, nonfiction, legends, drama, poetry and novels. Writing will be done in conjunction with the literature studied. Vocabulary study and theme topics should logically emerge from the works considered.

Second trimester will focus on both verbal and nonverbal communication in which students learn the applied skills of interviewing, discussion, and public speaking.

Source materials will include: Elements of Literature, Elements of Writing, and selected novels.

*Prerequisite: 315A English I A*

327A YEARBOOK STAFF A  
327B YEARBOOK STAFF B  
327C YEARBOOK STAFF C

10<sup>th</sup> - 12<sup>th</sup>

3 Trimesters

*(Elective English credit)*

The yearbook student, by working as a member of the yearbook staff, will further develop writing and vocabulary skills through copywriting. The yearbook student will also learn the elements of interviewing, yearbook makeup and production, basic photo-journalism, various layout styles, business management and journalism history.

*Prerequisite: Sign up during special registration, written application required, and students will be selected by a panel of teachers.*

**\*\*Students may take 335 English III or 336 Practical English III, not both!**

335A ENGLISH III A  
335B ENGLISH III B

11<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

This eleventh grade course is designed for the college bound student within a Professional Career Pathway. The literature study will be done in historical sequence beginning with the Pilgrims and continuing through modern writers. Types of literature studied will include nonfiction, the short story, poetry, drama and the novel. Time permitting, two novels will be read. Skills in analyzing literature and the elements of fiction will be emphasized.

Writing will be done in conjunction with the literature studied. Vocabulary study and theme topics should logically emerge from the works considered.

Source materials will include: Elements of Literature, Fifth Course, Elements of Writing (11th grade level), and selected novels.

*Prerequisite: 325A English II A & 325B English II B*

336A ENGLISH III - PRACTICAL READING AND WRITING A  
336B ENGLISH III - PRACTICAL READING AND WRITING B

2 Trimesters

This eleventh grade course is designed as an elective for the student within a Technical Career Pathway. While writing will be done in conjunction with the literature studied, vocabulary practice and theme topics will emerge from the works considered.

The forms of literature studied will include non-fiction, the short story, poetry, drama, and time permitting, one novel. Special emphasis will be placed on practical reading and writing strategies for the technical student.

Source materials will include: Elements of Literature, Fifth Course, Elements of Writing (11<sup>th</sup> grade Level), and the novel, To Kill a Mockingbird.

*Prerequisite: 325A English II A & 325B English II B*

**\*\*Students make take 345 English IV or 346 Practical English IV not both!**

345A ENGLISH IV A  
345B ENGLISH IV B

11<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

This senior class provides a college-preparatory examination of English/British literature, vocabulary study, and practice in writing and research skills to prepare the student for higher education. The literature covered is a survey of our rich heritage from the major writers of the British Isles and also from countries that were once part of the British Empire, from the Anglo-Saxon period to the present.

Required writing will emphasize grammar and usage. Writing including essays, themes, examination of literary techniques and research skills within the writing process will be focused on. Vocabulary study will help prepare the student for college level reading.

Source materials will include: Elements of Literature, Elements of Writing (12th grade level), selected novels and research materials.

*Prerequisite: 325A English II A & 325B English II B*

346A ENGLISH IV - PRACTICAL READING AND WRITING A  
346B ENGLISH IV - PRACTICAL READING AND WRITING B

2 Trimesters

This twelfth grade course is designed as an elective for the student within a Technical Career Pathway. While writing will be done in conjunction with literature studied, vocabulary practice and theme topics will emerge from the works considered. The forms of literature studied will include the short story, poetry, drama, and time permitting, one novel. Special emphasis will be placed on practical reading and writing strategies for the technical student.

Source materials could include: Elements of Literature, Sixth course, Elements of Writing (12<sup>th</sup> Grade level).

*Prerequisite: 325A English II A & 325B English II B*

## FOREIGN LANGUAGE - 400

Knowledge of a foreign language is becoming increasingly important in today's world. There is a tremendous range of language related job opportunities, wider media coverage of foreign politics and events, and a relative ease of travel to foreign cultures. Many people in the United States speak English only as a second language, therefore creating a need for foreign language speakers in social agencies, schools, and businesses. To know a foreign language is to have a better understanding of an individual's ideas and attitudes, which is necessary for good relations between cultures.

The study of a foreign language is highly recommended for college bound students. It is imperative that students of Spanish have a strong background in English grammar. Many grammatical comparisons will be made between English and Spanish, and it will be necessary to have a prior understanding of the English grammatical structures.

### **1 Trimester Course = 1/2 Credit**

400A SPANISH I A  
400B SPANISH I B

9<sup>th</sup> - 12<sup>th</sup>

### **2 Trimester Courses = 1 Credit**

2 Trimesters

This course will introduce the students to the basics of the Spanish language. The emphasis will be on acquiring a large working vocabulary and the grammar in order to communicate effectively in the present and the future tenses. Speaking, reading, writing and listening skills will be developed. Students will also be exposed to the diversity of cultures in the Hispanic world.

*\* 2 credits of Foreign Language are required beginning with the class of 2016.*

405 MEXICO

9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

The purpose of this class is for students to analyze the effects that historical, geographic, and cultural influences have had on the Mexican society. Students will explore the indigenous cultures of Mesoamerica (pre-Colombian Mexico), such as the Mayan, Aztecs, Toltecs, and others, and examine their contributions to Mexican culture. The clash between Spanish and native-American cultures and the subsequent development of Mexico as a nation will be studied. Also, students will investigate the historical relationship between the United States and Mexico. Finally, students will explore the effects that the Mexican culture has on our everyday life in the United States.

This class is open to all students. While knowledge of the Spanish language may be helpful, it is not a necessary pre-requisite. Students will be evaluated based on their participation in classroom activities, homework assignments, quizzes, tests, and essays.

420A SPANISH II A  
420B SPANISH II B

10<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

Spanish II builds upon the grammar and vocabulary learned in Spanish I. Past tenses and compound tenses will be explored. Students will also be introduced to literature which demonstrates the grammatical concepts studied. Students will be required to speak, read, and write more extensively in Spanish, and much of the class will be conducted in Spanish.

*Prerequisite: 400A Spanish I A & 400B Spanish I B*

430A SPANISH III A  
430B SPANISH III B

10<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

Spanish III is a continuation of Spanish II, and students will review and build upon vocabulary and grammar learned in Spanish I and II. The main focus of the class will be on speaking, reading, and writing in Spanish, emphasizing and practicing grammar and vocabulary and response to studying contemporary and classical literary works. Cultural, historical and indigenous aspects of the works will also be emphasized.

Works to be read will include short stories from contemporary Hispanic authors such as Miguel de Unamuno, Jorge Luis Borges, Julio Cortazar, Horacio Quiroga and Gabriel Garcia Marquez.

*Prerequisite: 420A Spanish II A & 420B Spanish II B*

## INDUSTRIAL EDUCATION DEPARTMENT - 500

### RECOMMENDATIONS - READ CAREFULLY

1. All students are encouraged to enroll in Industrial Arts classes because of their practical carry over value after high school.
2. Students who intend to pursue a vocational (trade school) or engineering (college) or related career after high school should complete Beginning Woodworking, Advanced Woodworking, Residential Construction, Residential Wiring, Drafting I, and Drafting II before graduation.
3. The second trimester of a year course cannot be taken without having had the first trimester.

**1 Trimester Course = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

**\*\* LIMIT 3 INDUSTRIAL EDUCATION COURSES PER YEAR \*\***

500A DRAFTING I A	9 <sup>th</sup> - 12 <sup>th</sup>	2 Trimesters
500B DRAFTING I B		

This course covers basic mechanical and architectural drafting, mechanical drawings include sketching, lettering, pictorial drawings, multi-view projection and dimensioning. The second trimester is devoted to architectural drafting. Drawings include floor plans, elevations, and wall framing. Throughout the year students may have the opportunity to work with a CAD (Computer Aided Design) program. Responsibility is encouraged by practicing good working habits and proper care and use of drafting equipment.

501A Beginning Woodworking A	9 <sup>th</sup> - 12 <sup>th</sup>	2 Trimesters
501B Beginning Woodworking B		

Beginning woodworking is an introduction to the materials, tools, and processes used in woodworking. Students will learn about the major woodworking machines, their proper setup and safe operation. In addition students will learn about gluing, sanding, finishing, and the general order of operations. Each student will complete two general woodworking projects before the end of their first trimester. In their second trimester students will begin investigating the wood lathe, laminating, bending, and wood joinery in detail. Students will complete two intermediate projects which may be projects such as trout nets, chess boards, end tables, coffee tables, lathe turnings, or other projects with instructor approval. Students will be responsible for the material costs for the projects that they make to take home.

503 RESIDENTIAL WIRING	9 <sup>th</sup> - 12 <sup>th</sup>	1 Trimester
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This class is an introduction to residential wiring. Students will learn the standards, basic codes, safety practices, and requirements household electrical systems. They will discuss the measurement and costs of electrical service. Students will then learn basic wiring processes, draw wiring diagrams, and use the proper tools and materials to develop basic circuits.

507 RESIDENTIAL CONSTRUCTION 9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This class is an introduction to residential construction. Students will learn about the many aspects of building a residential structure from planning to finishing. Each student will also be expected to build a scale model house following a blueprint. Larger construction projects may be possible.

520A DRAFTING II A  
520B DRAFTING II B

10<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

This course will be an introduction to Auto Cad. Students will follow step by step instructions to learn the commands and application of the Auto Cad program. After learning these commands students will begin to develop and setup their own drawings, utilizing the basic drafting and design skills learned in Drafting I. Due to limited space instructor approval is required.

*Prerequisite: 500A Drafting I A & 500B Drafting I B*

521 Advanced Woodworking

10<sup>th</sup> - 12<sup>th</sup>

1 Trimester

After reviewing machine and shop safety, advanced woodworking students will be expected to construct projects that are more complex and detailed. There will be a focus on project planning and design. These projects may be furniture and/or cabinets and should incorporate frame and panel construction, doors, drawers, or legs. Advanced woodworking may be taken for repeat credit, but students are expected to continue to build on and develop their woodworking skills.

*Prerequisite: 501A Beginning Woodworking A & 501B Beginning Woodworking B*

## LIFE MANAGEMENT DEPARTMENT - 500

The second trimester of a year course cannot be taken without having had the first trimester.

### 1 Trimester Course = 1/2 Credit

### 2 Trimester Courses = 1 Credit

511A PARENTHOOD EDUCATION A 9<sup>th</sup> - 12<sup>th</sup> 2 Trimesters  
511B PARENTHOOD EDUCATION B

This course is the study of heredity, yourself, parenthood (including discipline and parenting styles), and child development. Topics will include pregnancy and the birth process. We will also analyze and understand the developmental changes that occur through out a child's life. Projects such as Baby Think It Over may be incorporated into the class.

523 NUTRITION I 10<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course is the study of nutrients and nutrition guidelines. The focus will not be on food preparation. How food, good nutrition, and exercise contribute to wellness and quality of life will be taught.

524 NUTRITION II 10<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course is the study of cooking methods, measurements, kitchen safety, and consumer decision making as it relates to grocery shopping, labeling laws, and food supply. This class will also learn and work on food preparation.

*Prerequisite: 523 Nutrition I*

525 PERSONAL AND FAMILY LIVING 10<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course is the study of growth and development dealing with various aspects in life. Other topics discussed will be self awareness, interpersonal relationships, and planning for future goals. Career preparation and basic consumer skills will also be addressed.

526 CONSUMER EDUCATION 10<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This course is the study of the skills needed to be a successful consumer. Some topics included will be budgets, financial decisions, banking and credit. Skills such as how to balance a checkbook and how to calculate sales tax on products will also be discussed.

## ROTC

The Marine Corps Junior Reserve Officers' Training Corps (MCJROTC) program is designed to instill a value of citizenship, service to the United States, personal responsibility and a sense of accomplishment in high school students. The MCJROTC program prepares students for responsible leadership roles, while making them aware of their rights, responsibilities, and privileges as American citizens. The students accomplish these goals by shaping leadership skills and building confidence and discipline through classroom training and practical application. The program helps to create informed and responsible young adults who are physically, mentally, and morally fit to enter the world of work as motivated, productive citizens.

This program will involve physical fitness training along with marksmanship safety and marksmanship training. Interested students must sign up in the counseling office during special registration sign up. Parent permission is required for this program. Parent permission and all required paperwork must be completed by the deadline dates designated by the counseling office.

**If forms are not returned by the deadline date, option will be denied.**

### 1 Trimester Course = ½ Credit

### 3 Trimester Courses = 1 ½ Credits

505A MCJROTC LEADERSHIP EDUCATION I A	9 <sup>th</sup> - 12 <sup>th</sup>	3 Trimesters
505B MCJROTC LEADERSHIP EDUCATION I B		
505C MCJROTC LEADERSHIP EDUCATION I C		

A first year MCJROTC course is designed to introduce new cadets to the program. This course will emphasize military drill, physical conditioning, and leadership training, and will develop in cadets the self-discipline, self-confidence, and leadership skills necessary for continued participation in MCJROTC as upper-class cadets.

515A MCJROTC LEADERSHIP EDUCATION II A	10 <sup>th</sup> - 12 <sup>th</sup>	3 Trimesters
515B MCJROTC LEADERSHIP EDUCATION II B		
515C MCJROTC LEADERSHIP EDUCATION II C		

This course is designed for second-year cadets and emphasizes military history and organization. Leadership training is continued, with cadets beginning to assume command and leadership roles within the unit.

*Prerequisite: 505A, 505B, & 505C MCJROTC Leadership Education I*

535A MCJROTC LEADERSHIP EDUCATION III A	11 <sup>th</sup> - 12 <sup>th</sup>	3 Trimesters
535B MCJROTC LEADERSHIP EDUCATION III B		
535C MCJROTC LEADERSHIP EDUCATION III C		

This course is designed for third-year cadets and emphasizes leadership theory and application. Cadets are assigned command and leadership responsibilities, and they also begin to instruct Leadership I cadets in military drill and to lead physical conditioning activities.

*Prerequisite: 515A, 515B, & 515C MCJROTC Leadership Education II*

545A MCJROTC LEADERSHIP EDUCATION IV A 12<sup>th</sup> 3 Trimesters  
545B MCJROTC LEADERSHIP EDUCATION IV B  
545C MCJROTC LEADERSHIP EDUCATION IV C

This course is for fourth-year cadets. It emphasizes advanced leadership training and application, with cadets assigned senior command and leadership responsibilities. Senior cadets will exercise organizational responsibilities for the MCJROTC unit and accomplish all administrative and operational requirements, under the supervision of the Senior Marine Instructor, necessary for the efficient management of the unit.

*Prerequisite: 535A, 535B, & 535C MCJROTC Leadership Education III*

## CTE DEPARTMENT - 550

### CLARE-GLADWIN CAREER TECH CENTER PROGRAMS

All students receive a Career Tech Certificate that can be used to obtain employment or further education.

Harrison Community Schools in conjunction with the Clare-Gladwin RESD will be offering a variety of vocational courses for juniors and/or seniors. These courses are held at a variety of locations, with most being held at Mid Michigan Community College (<http://www.cgresd.net/>).

**Juniors and Seniors are eligible to take courses at the Clare-Gladwin Career Tech Center. An application for Career & Technical Education programs can be obtained from the counseling office during pre-registration for special courses. The form must be completed by the deadline dates designated by the counseling office. If forms are not returned by deadline date, option will be denied. Many of these programs may be taken for 2 consecutive years, see the counseling office for more information.**

The following courses require a two (2) hour time block. They must be taken all 3 trimesters for a total of 3 credits. Please contact the counseling office for further details.

550A AUTOMOTIVE TECHNOLOGY A  
550B AUTOMOTIVE TECHNOLOGY B  
550C AUTOMOTIVE TECHNOLOGY C



**Engineering/Mfg  
& Industrial Technology**

*(2 Years available)*

Students study automotive brake and basic electrical systems. Skill development focuses on diagnosis and repair of drum, disc, hydraulic, power assist, and anti-lock brake systems as well as electronics, voltage, current, resistance, series and parallel circuits, magnetism, application of Ohm's Law, and wiring diagrams. This course is designed to improve communication, math, decision-making, thinking, reading, writing, ethics, team-building skills, and safety attitudes. Math and reading are a large part of class. This program prepares students for positions working with brake systems, vehicle maintenance, and electrical systems. *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

555A HEALTH OCCUPATIONS A  
555B HEALTH OCCUPATIONS B  
555C HEALTH OCCUPATIONS C



**Health Sciences**

This course is designed to expose students to a variety of health related occupations. Students taking this class will be interested in providing health care services that can help identify, evaluate, prevent, and/or treat diseases. The core curriculum addresses the fundamentals of care giving and job skills necessary for a variety of healthcare positions. Clinical experiences may include nursing homes, hospitals, pharmacies, clinic positions, veterinary offices, urgent centers, dentists, physicians' offices, laboratories, and rehabilitation centers. The program is divided into three components: lecture, laboratory, and clinical experience. Science, math including metrics, and reading are a large part of the course. This program allows interested students the opportunity of achieving their CNA or Nurse Aid Certification. *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this cour:*

557A GRAPHIC ARTS TECHNOLOGY A  
557B GRAPHIC ARTS TECHNOLOGY B  
557C GRAPHIC ARTS TECHNOLOGY C



**Arts and  
Communications**

This program focuses on providing the student foundation skills in creative digital image development and production to apply to a wide variety of related careers. Focus of the class is on graphic design with layout and illustrative techniques for print and digital media. Students will explore layout, color, and type use in a hands-on environment. Class may experience print production and management through field experiences. Career possibilities in this field may include Graphic Design, Interactive/Web Design, Printing, Illustration, Digital Photography, Animation and Advertising.

560A EARLY CHILDHOOD EDUCATION A  
560B EARLY CHILDHOOD EDUCATION B  
560C EARLY CHILDHOOD EDUCATION C



**Human Services**

*(2 Years available)*

Students taking this program will receive the opportunity to gain skills in the four major areas of child development, observations, lesson planning and learning environments. Students will prepare for entry-level positions as child care aides and nannies. The course could also lead to positions as childcare provider or teacher as well as a host of additional related career opportunities. In the classroom setting, students will learn childcare principles and procedures. They will also have various hands-on experiences in area licensed childcare centers, schools, and day-care homes. This course includes a large amount of reading and writing. *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

565A COSMETOLOGY II A  
565B COSMETOLOGY II B  
565C COSMETOLOGY II C

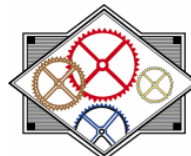


**Human Services**

*(only 2<sup>nd</sup> Year available)*

Students taking the Cosmetology program will gain the knowledge, skills, and abilities for a successful and rewarding career as a licensed cosmetologist. The program covers the basic principles of cosmetology which includes bacteriology, sanitation, hairdressing, manicuring, facials, scalp & hair treatments, hair color, chemical restructuring, anatomy & physiology, chemistry, art principles and patron protection as applied to each unit of instruction. As a result of the 1600 hours of theory and practical training, students should be able to pass the state-licensing exam. There is a summer component to the program; you are required to start the program in June. Successful completion of the program allows the students to take the Michigan State Cosmetology exam.

*(Possible new course)*  
PRE-ENGINEERING



**Engineering/Mfg  
& Industrial Technology**

Engineering/Project Lead the Way is a two-year program designed to introduce students to the scope, rigor and discipline of engineering and to architecture prior to entering college. Students who complete this program will be several steps ahead of other high school graduates who hope to become engineers in the future. The practical, hands-on experiences; various classroom/lab exercises; and opportunities to participate in work-based learning experiences will set students apart as leaders of the future in the engineering world.

567A HOSPITALITY/FOOD SERVICE A  
567B HOSPITALITY/FOOD SERVICE B  
567C HOSPITALITY/FOOD SERVICE C



### Human Services

(2 Years available)

Students have the opportunity to learn various aspects of the lodging and food service industries. Several topics will be covered throughout the year. Possible topics include work ethic (attitude, initiative, and dependability), customer service, workplace safety procedures, hotel/restaurant operations, banquet procedures, and baking, cooking, and serving procedures. Students interested specifically in food service have the opportunity to earn a “ProStart Certification” from the National Restaurant Association. All students will also learn safe food handling and with successful completion of a test will be “ServSafe Certified.” The course is designed to prepare students for entry-level positions including prep/line cooks, servers, guest services representative, housekeepers, and manager trainee. *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

570A COMPUTER TECHNOLOGIES A  
570B COMPUTER TECHNOLOGIES B  
570C COMPUTER TECHNOLOGIES C



### Business, Management, Marketing & Technology

(2 Years available)

The program explores high tech areas of computers, including hardware and software, networking, ethics, and new technologies. Student experiences include computer assembly, troubleshooting, networking and programming. Areas are tied together relating technology with customer service skills. The program includes technical reading, writing, and hands-on repair and assembly. Students successfully completing the course will be prepared for A+ and Net+ certification exams and continue toward an associates or bachelors degree in Computer Information Systems (CIS) or Computer Science (CS). *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

572A CRIMINAL JUSTICE/PUBLIC SAFETY A  
572B CRIMINAL JUSTICE/PUBLIC SAFETY B  
572C CRIMINAL JUSTICE/PUBLIC SAFETY C

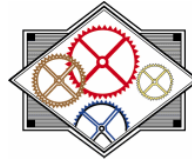


### Human Services

(2 Years available)

The program allows students to explore careers in security, law enforcement, corrections, and the courts. Students will study and train in the basic knowledge, skills, and aptitudes of the uniformed police officer, deputy sheriff, and state trooper. Other job titles include federal investigators, security, corrections and prison officers, and the legal professions. The instructors are active in law enforcement and demonstrate and train students in current police techniques, including; fingerprinting, report writing, domestic and stalking laws, search and seizure, OWI, and First Responder. Material is presented through a textbook, videos, lecture, activities, and guest speakers. The course covers law enforcement from the hiring process to employment to on-duty tasks. *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

580A CONSTRUCTION TRADES A  
580B CONSTRUCTION TRADES B  
580C CONSTRUCTION TRADES C



**Engineering/Mfg &  
Industrial Technology**

*(2 Years available)*

Students will obtain the skills, technical knowledge, and work habits necessary to succeed in the construction industry. Students put classroom knowledge to work through hands-on activities in the lab and at the project house. Learning activities allow students to become knowledgeable in fundamental principles and methods of construction, and to develop technical skills related to carpentry, electrical, plumbing, masonry, and finish work. Instruction includes safety principles and practices; recognition of standard lumber sizes; foundation layout methods; building concepts and procedures; local, state, and national codes; cost estimating and blueprint reading. The curriculum focuses on students becoming familiarized with safety practices and the proper use of both hand and power tools. Instruction is provided in theories and techniques used in the construction field.

582A MACHINE TOOL TECHNOLOGY A  
582B MACHINE TOOL TECHNOLOGY B  
582C MACHINE TOOL TECHNOLOGY C



**Engineering/Mfg &  
Industrial Technology**

Students are prepared for an entry-level job in the tool and die, mold-making, or machining industries. Students will learn to use hand tools, precision measuring devices, radial drill press, lathes, milling machines, and precision grinding machines. The program includes instruction in computations for speeds, feeds, precision measuring and layout work. Students will also have the opportunity to experience Computerized Numerical Control (CNC) machining as well as Computer Aided Machining (CAM) technology. Excellent preparation is provided for advanced degrees in engineering or manufacturing technologies.

583A WELDING A  
583B WELDING B  
583C WELDING C



**Engineering/Mfg &  
Industrial Technology**

Basic Welding introduces students to the fundamentals of OFW oxy-fuel cutting and OFB brazing, (SWAW arc welding), GMAW MIG welding, and GTAW TIG welding. This course includes a large amount of math and reading. Emphasis is placed on penetration welds in all positions according to the American Welding Society. Advanced Welding is an extension of the Basic Welding curriculum and will prepare students for a specific career in welding. The course stresses metal fabrication techniques and standards. Students will learn blue print reading and non-destructive and mechanical testing techniques. The course is designed to prepare students for an appropriate career in welding. *It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

## BUSINESS EDUCATION - 600

Students who enroll in business classes can look forward to having the skills employers are seeking. Upon completion of the business curriculum, students could look forward to being employed in the following areas: Office Assistant, Office Specialist, Medical/ Legal Specialist, Information Processing Assistant/Specialist, Administrative Assistant, Data Assistant, Data Specialist, Computer Assistant, Graphic Arts and Business Management.

### 1 Trimester Course = 1/2 Credit

### 2 Trimester Courses = 1 Credit

600 INTERNET & WEB ESSENTIALS 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

This is a project driven course designed to help students appropriately and effectively use the Internet. Students will learn how to use such things as: search engines, trip planning tools, research strategies, e-mail, Internet terminology, bookmark management, browsers, and distinguishing sources. Time will also be spent identifying ethical issues (i.e., plagiarism, illegal downloading, fair use and copyright guidelines) as they relate to the Internet and technology.

*Prerequisite: 612 Computer I or successful completion of 8<sup>th</sup> grade Computers I.*

612 COMPUTER I (Required for classes of 2010, 2011, & 2012) 1 Trimester

This introductory computer course is available to all students in grades 9-12. However, students are encouraged to take this course early in their high school career. This course is a prerequisite to Computers II. Students will learn proper keyboarding techniques as well as create and format documents such as: letters, memos, reports, tables, outlines, and flyers. There will be projects assigned involving the creation of documents using various software applications such as MS Word.

613 COMPUTER II (Required) 1 Trimester

This is a project driven course in which students will create and manipulate business documents using MS Office applications. Students also create a portfolio of their work that will be used throughout high school to demonstrate their accomplishments and creativity in all curricular areas. Extensive attention is given to creating a resume and completing career exploration projects. This course will be conducted in an online format and will satisfy the online learning experience requirement.

*Prerequisite: 612 Computer I or successful completion of 8<sup>th</sup> grade Computers I.*

621A GENERAL BUSINESS A  
621B GENERAL BUSINESS B

11<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

Students will learn about their roles as consumer, worker, and citizen in today's world. Topics covered include different economies, international business, insurance needs, banking, credit, housing, consumer protection, preparation of income tax forms, computing payroll, buying/leasing a car, ethics, and etc. Additional time is spent examining careers in the areas of management, economics, service occupations, banking, finance, human resources, and technology. Students will use the Internet for research projects and may use MS PowerPoint presentation software and other software applications for projects and presentations.

622A ACCOUNTING A  
622B ACCOUNTING B

10<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

This course is designed to provide students with the skills basic to the accounting department of a small business. Topics of study include double-entry accounting, preparing journals, ledgers, payroll, depreciation, interest, and financial reports for small businesses.

623A BUSINESS & TECHNOLOGY I (BAT I) A  
623B BUSINESS & TECHNOLOGY I (BAT I) B

10<sup>th</sup> - 12<sup>th</sup>

2 Trimesters

This course is project driven. Students will use different software applications (MS Word, MS Excel, MS Access, MS PowerPoint, MS Publisher, and MS FrontPage) to create business solutions for their projects. Soft skills such as telephone skills, oral and verbal communication skills, problem solving skills, and career exploration will be introduced. Students will use different forms of technology (i.e., scanners, digital cameras, internet) when creating publications for their projects. Students in this class are encouraged to get involved in Business Professionals of America. Students may also get credit on the Office Information Systems Program (Associate's Degree) at Mid-Michigan Community College by taking this class and passing a competency test at MMCC.

*Prerequisite: 613 Computer II*

PHYSICAL EDUCATION/HEALTH EDUCATION DEPARTMENT - 700

**1 Trimester Course = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

**LIMIT 3 PHYSICAL EDUCATION COURSES PER YEAR**

710 FRESHMAN PHYSICAL EDUCATION (Required 9<sup>th</sup>) 1 Trimester

Physical Education is designed to develop physical fitness, increase skill in sport activities, develop muscular coordination and poise, develop individual skill, promote cooperation with other students through teamwork and just have fun. In each unit the student will be instructed in the rules, safety, strategy, equipment care and scoring techniques. At the end of each unit all students will be tested on skill and written work. Further evaluation will come from attitude, participation and improvement. A change of clothes and proper footwear will be required of all students.

711 HEALTH EDUCATION (Required 9<sup>th</sup>) 1 Trimester

Health Education is a required freshmen level course. It will explore such topics as nutrition and physical fitness, character counts pillars and values, disease prevention, human sexuality, HIV/AIDS, human reproduction, substance abuse, tobacco, and refusal skills.

720A ADVANCED PHYSICAL EDUCATION A 1 Trimester  
720B ADVANCED PHYSICAL EDUCATION B  
720C ADVANCED PHYSICAL EDUCATION C

Physical Education is designed to develop physical fitness, increase skill in sport activities, develop muscular coordination and poise, develop individual skills, promote cooperation with other students through teamwork and just have fun. In each unit the student will be instructed in the rules, safety, strategy, equipment care and scoring techniques. At the end of each unit all students will be tested on skill and written work. Further evaluation will come from attitude, participation and improvement. Students may enroll in additional Physical Education for a total of three trimesters. A change of clothes and proper footwear will be required of all students.

**10<sup>th</sup> - 12<sup>th</sup> graders may take only 1 PE course per trimester.**

*Prerequisite: Satisfactory participation in 710 Freshman Physical Education*

721A BODY CONDITIONING AND MECHANICS A 1 Trimester  
721B BODY CONDITIONING AND MECHANICS B  
721C BODY CONDITIONING AND MECHANICS C

This course is for the student who wants to go beyond Advanced Physical Education. It is designed to develop strength, endurance and skill in students so they may more successfully compete in interscholastic competition. Other training concepts will include proper nutrition, aerobic fitness and the role of exercise in relief of stress.

**10<sup>th</sup> - 12<sup>th</sup> graders may take only 1 PE course per trimester.**

*Prerequisite: 710 Freshman Physical Education*

## VISUAL, PERFORMING, AND APPLIED ART DEPARTMENT - 800

Students are encouraged to take at least one Art class during their high school career. This will give them some understanding and appreciation of their own abilities to use their hands in creating visual statements and in understanding how art relates to everyone in his/her everyday life.

Those students interested in pursuing the ARTS & COMMUNICATION PATHWAYS would also benefit by including in their curriculum, courses such as shop, drafting, biology, and computers (depending on their area of interest) in addition to their Art classes.

**1 Trimester Course = 1/2 Credit**

**2 Trimester Courses = 1 Credit**

**\*\* LIMIT 3 ART COURSES PER YEAR \*\***

800 ART I 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

Art I will cover what goes into creating works of art, as well as the development of the skills and knowledge used to create art. The four disciplines of art (history, practice, criticism and aesthetics) are an important aspect of the class. Art I covers a broad base of Artwork in order to introduce students to a wide variety from the Art world.

801 ART II 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

Art II will allow the student to develop technical skills, but will also encourage them to develop their minds and imaginations. Print making, acrylics, graphic design, sculpture, figure and perspective drawing, and etc. will be possible areas of study that are not covered in Art I. Community service projects, displays, and art competitions will be an important part of this class. Preparation for careers in art will be an ongoing process.

*Prerequisite: 800 Art I*

802 CERAMICS I 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

Ceramics I will introduce the basic ceramic techniques to the student--such as pinch pots, coil construction and slab construction. The student will also start working on the potter's wheel and learn how to load, fire and unload the kiln. Prepared glazes will also be used in this class, in addition to various colorants.

*Prerequisite: 800 Art I*

805 ART HISTORY 9<sup>th</sup> - 12<sup>th</sup> 1 Trimester

Art History will cover the artistic histories of multiple cultures from around the world. This course will explore Art from prehistoric time, world civilizations and classic Art. This course also takes a look at 20<sup>th</sup> century artists, as well as current movements in the Art world. This class will include research, discussions, as well as presentations on artists and movements throughout history.

## 809 BEGINNING DRAMA

9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

The basics of theater vocabulary combined with theatrical activities and mini in-class performances are introduced. There is a focus on character analysis, script analysis, and theatre genre's as well as theatre etiquette, theater safety and technological support. Written oral and performance assessments are utilized.

## 822 CERAMICS II

10<sup>th</sup> - 12<sup>th</sup>

1 Trimester

Students will explore in-depth the possibilities the various hand construction techniques offered in combination with wheel-thrown pots and other media. They will also develop their throwing techniques and be responsible for loading and firing their pieces. Texture and form will be stressed.

*Prerequisite: 802 Ceramics I*

## 825 ADVANCED ART STUDIES

10<sup>th</sup> - 12<sup>th</sup>

1 Trimester

Advanced Art Studies will be an individual exploration of the Art world. Projects and goals will be developed by collaboration between the student and teacher. Students will be free to investigate any aspect of Art that they wish, in order to improve their skills and knowledge of Art. Students will use self-critiques, peer-critiques, class discussions, and one on one interactions to understand their work and others. This class will also be preparing the student for college and careers in the Art world through development of portfolios. May be taken up to two times per year. This class is for students who are planning a future in the Art world.

*Prerequisite: Permission of teacher. Two previous Art classes preferred. Application form must be turned into counseling office during special registration.*

## 829 ADVANCED DRAMA

10<sup>th</sup> - 12<sup>th</sup>

1 Trimester

Students will advance their acting skills, knowledge of theatrical organization and participate in theater make-up, intense character and script analysis as well as stage craft. They will participate in in-class performances assessments and a public performance is possible.

*Prerequisite: Beginning Drama*

MUSIC DEPARTMENT - 800

**1 Trimester Course = 1/2 Credit**

**3 Trimester Courses = 1 1/2 Credit**

806A HIGH SCHOOL BAND A  
806B HIGH SCHOOL BAND B  
806C HIGH SCHOOL BAND C

9<sup>th</sup> - 12<sup>th</sup>

3 Trimesters

High School band is a “PERFORMANCE BASED” class, in which students will learn music theory and a variety of musical styles. Students are expected to attend summer marching camp at Harrison High School and participate in the marching band that performs at ALL home football games. There is also the opportunity to perform at other functions such as Cadillac Marching Band Review.

The concert band will begin after the last football game. Members of the concert band are required to participate in festivals and concerts throughout the year. Other performances are announced in advance during the school year such as Pep Band for girls and boys basketball games. Students will also have the opportunity to perform in Solo and Ensembles festivals and other school and community events.

\*There is also an opportunity for **any HHS student** to join Jazz Band. We are always in need of guitarists, bass players, and keyboard players. This is an extra curricular band that may meet during academic seminar and other times determined by the teacher and students. The Jazz Band may perform several times throughout the school year.

## SPECIAL EDUCATION - 900

Special education classes are designed to meet the needs of students through individualized instruction. Course requirements follow the guidelines for graduation at Harrison High School. Social and career transitional goals and objectives are taught and practiced in classes to help instill productive independent habits to be used as adults.

The same prerequisites apply for special education classes as those for the general education classes. Students will be assisted in the registration process by staff.

Students enrolled in inclusion courses may have different academic requirements to complete courses.

### KEY CODE

First digit: Indicates Special Education department

900 - Special Education

Second digit: Indicates core subject department

0 - Social Studies

1 - Mathematics

2 - Science

3 - English, Speech

### 930 "SIM" WORD IDENTIFICATION READING PROGRAM SPR

*Resource*

9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This course is designed to help boost students' ability to read and recognize longer, multi-syllable words found in high school reading materials. This class will teach students to quickly identify unknown words while reading.

*Prerequisite: Student must be at a 4<sup>th</sup> grade reading level*

### 939 REMEDIAL READING

*Teacher recommendation*

9<sup>th</sup> - 12<sup>th</sup>

1 Trimester

This class is designed for high school students who are non-readers and for students who are below a 4<sup>th</sup> grade reading level. Phonemic awareness, word study, reading and comprehension strategies, and spelling are combined to build the foundation for improved reading skills. Direct instruction and multi-sensory strategies are used to accommodate one-on-one learning and a variety of learning styles. The content is age appropriate, with contemporary young adult literature selections.

## SPECIAL EDUCATION COURSE NUMBERS

902A American History & Geog. SP A 902B American History & Geog. SP B 904A World History & Geog. SP A 904B World History & Geog. SP B 906 Government SP 908 Economics SP	020I INC American History A 020N INC American History B 030I INC World History & Geography A 030N INC World History & Geography B
912A Intro to Algebra I SP A 912B Intro to Algebra I SP B 914 Math II SP 917A Algebra I Concepts SP A 917B Algebra I Concepts SP B 918A Geometry SP A 918B Geometry SP B	
921 Earth Science SP 925 Health SP 927 Physical Science SP 923A General Biology SP A 923B General Biology SP B 929A Physics SP A 929B Physics SP B	210I INC Earth Science 711I INC Health 215I INC Physical Science 220I INC Biology A 220NINC Biology B
930 SIM Word Identification Reading SP 932A English I SP A 932B English I SP B 932C English I SP C 934A English II SP A 934B English II SP B 934C English II SP C 936A English III SP A 936B English III SP B 938A English IV SP A 938B English IV SP B 939 Remedial Reading SPC	
941A Work Study SP A 941B Work Study SP B 941C Work Study SP C 946A Transition Class (RESA) A 946B Transition Class (RESA) B 946C Transition Class (RESA) C	501I INC Beg. Woodworking A 501NINC Beg. Woodworking B 613I INC Computers II

SPECIAL PROGRAMS - 950

- 957A DUAL ENROLLMENT A
- 957B DUAL ENROLLMENT B
- 957C DUAL ENROLLMENT C

Students who have attained Junior or Senior status and meet test requirements for the PLAN Test, PSAT Test, and/or MME/ACT may qualify for Dual Enrollment. (see chart below) Interested juniors and seniors who qualify must obtain a Dual Enrollment Form from the Counseling Office. **The form must be completed by the deadline dates designated by the Counseling Office. If forms are not returned by deadline date, option will be denied.** Naturally, approval once granted may be revoked if the student fails to pass current classes.

Juniors and seniors who qualify for dual enrollment should carefully consider and see a counselor on the advantages and disadvantages of electing to dual enroll. The options should be completely explored before deciding to alter a 5 hour high school program.

The junior/senior attends Harrison Community High School and college for a total of five classes and receives college credit and/or high school credit. Under this "dual enrollment" program, payment shall be made for a post-secondary course(s), only if a comparable course is not offered by the school district and all other requirements for dual enrollment are met. Information will be available in the counseling office. Payments may be made for tuition and specific course fees, but not for books, or transportation.

**Dual Enrollment Eligibility Chart**

Assessment	Test Section	Content Area	Minimum Dual Enrollment Qualifying Score
PSAT	Critical Reading	Reading	44
	Writing Skills	Writing	49
	Mathematics	Mathematics	45
PLAN	Mathematics	Mathematics	18
	Reading	Reading	17
	Science	Science	19
	English	English	21
ACT	Mathematics	Mathematics	18
	Reading	Reading	17
	Science	Science	19
	English	English	21
MME	Reading	Reading	1100
	Writing	Writing	1100
	Mathematics	Mathematics	1100
	Science	Science	1100
	Social Studies	Social Studies	1100