

Dear Student and Parents:

The 2009-2010 school year will continue to be a year of many changes at Dowagiac Union High School. The state of Michigan passed legislation which beginning with the graduating class of 2011 impacts what classes a student takes and when they must take them. This Course Description Book is to help you as you determine your educational program for next fall and future years. As you plan, please note that there are two different guidelines for graduation from DUHS. Be sure to use the guidelines for your anticipated year of graduation. (Freshmen should use the guidelines for the graduating class of 2011/2012.)

Please understand that this document is a working document and is ever evolving. As the new graduation requirements are phased in and the new trimester schedule is worked out, it may be necessary to make changes to this course description book.

Sincerely,

Mr. Paul Hartsig
Principal, DUHS

DISCRIMINATION DISCLAIMER

It is the policy of the Dowagiac Union School District that no person shall, on the basis of race, color, religion, national origin or ancestry, age*, sex, marital status*, height**, weight**, or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission and participation in activities. Inquiries or complaints regarding nondiscrimination policies should be directed to: Assistant Superintendent, Coordinator for Title IX, Title VI, Title II, Section 504 and the Age Discrimination Act, Dowagiac Union School District, 206 Main Street, Dowagiac, MI 49047; or contact via telephone at 269-782-4400.

*under the education article, age and marital status are prohibited considerations for admissions only.

**in employment only.

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**NEW GRADUATION REQUIREMENTS FOR:
CLASS OF 2011, 2012, 2013
STUDENT AFFAIRS - GRADUATION
Board of Education Policy 5460**

Dear Parents/Guardians,

Starting with the class of 2011 the Michigan Legislature is requiring a new set of graduation standards for all students enrolled in Michigan High Schools. Below are the requirements for the class of 2011 and beyond. These requirements **do not** apply to the classes of 2010.

To be eligible to receive a high school diploma and participate in graduation exercises, a student, at a minimum, must complete the following requirements:

- A. Students are required to complete a minimum of twenty-eight (28.0) units of instruction (credits) in grades 9-12.
- B. For graduation, the Board of Education requires that the following subjects be taken in the course of high school experience:

English Language Arts	4 credits
Mathematics	4 credits
*One credit must be in senior year	
Science	3 credits
Social Studies	3 credits
Health and Physical Education	1 credit
Visual, Performing, Applied Arts	1 credit
Computer Science	½ credit

*** An online experience is also required for graduation**

- C. To graduate from Dowagiac Union High School, it is necessary that a student receive a report card from DUHS for **three** trimesters their senior year. Regarding transfer students who receive less than three trimesters of grades from DUHS, their credits may be transferred to the preceding high school and they may issue the diploma.
- D. For classification purposes, a student must have earned the following minimum credits:

Sophomores	6 credits
Juniors	13 credits
Seniors	19 credits

CLASS 2010
STUDENT AFFAIRS - GRADUATION
 Board of Education Policy 5460

To be eligible to receive a high school diploma and participate in graduation exercises, a student, at a minimum, must complete the following requirements:

A. Students are required to complete a minimum of twenty-eight (28.0) units of instruction (credits) in grades 9-12.

B. For graduation, the Board of Education requires that the following subjects be taken in the course of high school experience:

English Language Arts	3 credits
Mathematics	2 credits
Science	2 credits
Additional Math or Science	1 credit
Social Studies	3 credits
Physical Education	$\frac{1}{2}$ credit
Health	$\frac{1}{2}$ credit
Visual, Performing, Applied Arts	2 credits
Computer Science	$\frac{1}{2}$ credit

C. To graduate from Dowagiac Union High School, it is necessary that a student receive a report card from DUHS for **three** trimesters their senior year. Regarding transfer students who receive less than three trimesters of grades from DUHS, their credits may be transferred to the preceding high school and they may issue the diploma.

D. For classification purposes, a student must have earned the following minimum credits:

Sophomores	6 credits
Juniors	13 credits
Seniors	19 credits

E. All graduation requirements shall meet at least the minimum standards as established by the laws of the State of Michigan.

**DIFFERENTIATED DIPLOMA PROGRAM
(CLASS OF 2010)**

Appropriate programs for high school completion:

1. **GENERAL STUDIES** - 28.0 credits to include the following courses:

English Language Arts	3 credits
Mathematics	2 credits
Science	2 credits
Additional Math or Science	1 credit
Civic Studies	1 credit
World Studies	1 credit
American Studies	1 credit
Physical Education	$\frac{1}{2}$ credit
Health	$\frac{1}{2}$ credit
Computer Science	$\frac{1}{2}$ credit
Foreign Language, Fine/Performing Arts Education/Practical Arts or any combination	2 credits

2. **HONORS STUDIES** - 28.0 credits to include the following courses with a minimum of a 2.50 accumulative G.P.A.:

English Language Arts - 4 Credits

Honors English 111/112
Honors English 211/212
Honors English 311/312

*Honors English 411/412 (**Available for Direct Credit**)

*Students opting to earn an Honors Endorsed Diploma **MUST** take this course at Dowagiac Union High School - refer to the Dual Enrollment policy.

Mathematics - 3 Credits

Must pass minimum of Algebra
211/212 within the 3 credits

Science - 3 Credits

Intro to Chemistry and Earth Science
plus two of the following:
Biology
Anatomy
Chemistry
Advanced Physics

Social Studies - 3 Credits

Civic Studies
Honors World Studies
Honors American Studies

Foreign Language - 2 Credits

Two consecutive credits in the
same language

Health - $\frac{1}{2}$ Credit

Physical Education - $\frac{1}{2}$ Credit

Computer Science - $\frac{1}{2}$ Credit

NOTE: Students awarded a General Studies Diploma are not excluded from the college admissions process. Students awarded an Honors Diploma are not guaranteed admission to the college of their choice.

SUBJECT: Grade Point Average (GPA)

The grading scale is a 4 point system (F = 0.00 and therefore does not count for points). In this scale, there are no A+ or F- grades. The grade scale is the following:

A = 4.00

A- = 3.67

B+ = 3.33

B = 3.00

B- = 2.67

C+ = 2.33

C = 2.00

C- = 1.67

D+ = 1.33

D = 1.00

D- = 0.67

F = 0.00

ENGLISH LANGUAGE ARTS

Basic English 090 (one trimester) (grade 9)

Basic English 090 is a one trimester course for in-coming freshmen who find reading skills difficult. This course concentrates on improving the students' comprehension, vocabulary, inferential reading and critical thinking skills. The course will be taken for elective credit and will not count toward the four year English requirement.

English 101 (one trimester)

English 101 is a one trimester course. Basic communication and language arts skills are stressed throughout the trimester. Emphasis is placed on sentence, paragraph, and essay development. Grammar, mechanics, usage, short stories, and novel(s) will be incorporated.

English 102 (one trimester)

(Prerequisite: English 101/111)

English 102 is a one trimester course. Basic communication and language arts skills are stressed throughout the trimester. Emphasis is placed on sentence, paragraph, and essay development. Grammar, mechanics, usage, short stories, and novel(s) will be incorporated.

Honors English 111 (one trimester)

Honors English 111 is a one trimester course designed for the freshman who has the interest and ability to work at an accelerated, in-depth level. Basic communication and language arts skills are stressed throughout the trimester. Emphasis is placed on sentence, paragraph, and essay development. Grammar, mechanics, usage, short stories, and novel(s) will be incorporated.

Honors English 112 (one trimester)

(Prerequisite: English 101/111)

Honors English 112 is a one trimester course designed for the student who has the interest and ability to work at an accelerated, in-depth level. Basic communication and language arts skills are stressed throughout the trimester. Emphasis is placed on sentence, paragraph, and essay development. Grammar, mechanics, usage, short stories, and novel(s) will be incorporated.

English 201 (one trimester)

(Prerequisite: English 102/112)

English 201 is a one trimester designed to cover language studies, composition, and American literature from the Puritans to 1890.

English 202 (one trimester)

(Prerequisite: English 201/211)

English 202 is a one trimester designed to cover language studies, composition, and American literature from 1900 to modern times. A short Modern Language Association (MLA) based research project will be required.

Honors English 211 (one trimester)

(Prerequisite: English 102/112)

Honors English 211 is a one trimester course designed for the student who has the interest and ability to work at an accelerated, in-depth level. Honors English 211 will cover language studies,

composition, and American literature from the Puritans to 1890.

Honors English 212 (one trimester)

(Prerequisite: English 201/211)

Honors English 212 is a one trimester course designed for the student who has the interest and ability to work at an accelerated, in-depth level. Honors English 212 is a one trimester designed to cover language studies, composition, and American literature from approximately 1900 to modern times. A short MLA based research paper with internal notation and a works cited page will be required.

English 301 (one trimester)

(Prerequisite: English 202/212)

English 301 is a one trimester course designed to cover language studies, composition, and British literature from the Anglo-Saxon period through the Medieval Times. A research paper will be required.

English 302 (one trimester)

(Prerequisite: English 301/311)

English 302 is a one trimester course. Students will study British and world literature from the Elizabethan Era through contemporary times.

Honors English 311 (one trimester)

(Prerequisite: English 202/212)

Honors English 311 is a one trimester course designed for the student who has the interest and ability to work at an accelerated, in-depth level. Honors English 311 is a one trimester course designed to cover language studies, composition, and British literature from the Anglo-Saxon period through the Medieval Times. A research paper will be required.

Honors English 312 (one trimester)

(Prerequisite: English 301/311)

Honors English 312 is a one trimester course designed for the student who has the interest and ability to work at an accelerated, in-depth level. Honors English 312 is a one trimester course. Students will study British and world literature from the Elizabethan Era through contemporary times.

English 401 (one trimester)

(Prerequisite: English 302/312)

English 401 is a one trimester course designed for the student who requires additional instruction in literature and composition skills. Throughout the course, composition will be taught in conjunction with the literature studied. Papers requiring documentation will be assigned.

English 402 (one trimester)

(Prerequisite: English 401/411)

English 402 is a continuation of English 401.

Honors English 411 (one trimester) (SMC Course No. ENGL 103)

(Prerequisite: English 302/312) (Available for Direct Credit)

Honors English 411 is a one trimester course designed for the student who is planning to attend college and has the interest and ability to work at an accelerated, in-depth level. Honors English 411 is designed for the student who requires additional instruction in literature and composition skills. Throughout the course, composition will be taught in conjunction with the literature studied. Papers requiring documentation will be assigned.

Honors English 412 (one trimester) (SMC Course No. ENGL 104)

(Prerequisite: English 401/411) (Available for Direct Credit)

Honors English 412 is a one trimester course designed for the student who has the interest and ability to work at an accelerated, in-depth level.
Honors English 412 is a continuation of English 411.

PLEASE NOTE:

These are not detailed descriptions nor outlines of the courses. Adjustments will be made as needed and will be based on State mandated standards and expectations.

ENGLISH LANGUAGE ARTS ELECTIVES

Speech (one trimester) (grades 11-12)

Speech is designed to teach the basic speaking and performing skills necessary for effective communication. Speech consists of three parts; Unit I - understanding yourself as a communicator and ways of communicating with others, Unit II - speaking more effectively in public: informative, persuasive speaking, and Unit III - introducing ideas for performing for an audience; storytelling, oral interpretation and improvisation.

Storytelling Improvisation (one trimester) (grades 11-12)

Students will use improvisation to create stories to perform at elementary schools. Students will develop self-esteem and confidence through success in performing.

Journalism A (one trimester) (grades 10-12) (second year students only - teacher approval)

(Prerequisite: English 101/102 or Honors English 111/112)

In this course students learn by doing. Instruction in all aspects of print journalism is given while working with the Journalism B staff.

Journalism B/C (one trimester) (grades 10-12)

(Prerequisite: Journalism A and instructor permission)

Journalism B is a one trimester elective course which may be repeated. As a continuation of Journalism A, students will be responsible for producing the yearbook and the student newspapers. Depending on resources, other forms of journalism may be explored.

Films A (one trimester) (grades 10-12)

(Prerequisite: English 101/112 or Honors English 111/112)

Students will study the history of American film-making and the growth of the film industry. America Film Institute's top 100 list will be the main source of films shown. A

composition/response book is required.

Films B (one trimester) (grades 10-12)

(Prerequisite: English 101/102 or English 111/112)

Students will continue their study of the history of American film-making, focusing on different genres. In addition, students will use techniques they learn from classic and influential movies to create their own short films. A composition/response book is required.

Drama A (one trimester) (grades 10-12)

(Prerequisite: instructor permission)

Drama A is a course designed to introduce the students to fundamentals of stage performance. Included in the course will be stage direction, stage movement, and most importantly, play performance. This course may be repeated in subsequent years.

Drama B (one trimester) (grades 10-12)

(Prerequisite: instructor permission)

This course is designed to follow the Drama A course. The course concerns itself with more advanced aspects of play production including playwriting and may culminate in a production of a play. This course may be repeated in subsequent years.

Mythology (one trimester) (grades 10-12)

(Prerequisite: English 101/102 or Honors English 111/112)

This course is designed to introduce students to myths, folktales and legends from around the world with particular emphasis on relationships between gods and mortals, ancient religions, and literary allusions in modern literature.

Novels (one trimester) (grades 10-12)

(Prerequisite: English 101/102 or Honors English 111/112)

This course is designed to introduce students to reading novels with high interest levels as they study literary techniques and styles.

MATHEMATICS

Pre-Algebra 090 (one trimester)

This course is open to 9th grade students not placed in Algebra or Geometry. This one trimester course is designed for the student who needs more practice with solving algebraic equations. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. Approval of a math teacher is needed to enroll. ***This course does not count as a Math credit, but as an elective credit.**

Algebra 101 (one trimester)

This course is open to students who have passed Pre-Algebra 090 or its 8th grade equivalent. This one trimester course reviews the topics of Variables, Function Patterns and Graphs, Rational Numbers, Solving Equations, and introducing the topics of Solving Inequalities, Graphs and Functions, Linear Equations and Their Graphs, and Systems of Equations and Inequalities. Supplemental and hands-on materials as well as a scientific calculator will be used

throughout the course. Approval of a math teacher is needed to enroll.

Algebra 102 (one trimester)

This course is open to students who have passed Algebra 101. This one trimester course covers the topics of Exponents and Exponential Functions, Polynomials and Factoring, Quadratic Equations and Functions, Radical Expressions and Equations, and Rational Expressions and Functions. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. A State required, comprehensive, End-Of-Course Algebra Exam will be given at the end of this trimester. At the successful completion of this course a student will have taken the equivalent of a one year traditional Algebra course, and will have earned their 1st math credit, as required by the State of Michigan. Approval of a math teacher is needed to enroll.

Geometry 090 (one trimester)

This course is open to students who have passed Algebra 102. This one trimester course is designed for the student who needs more time to learn the basic skills of Geometry. The pace has been slowed down greatly, and more explanation and examples are given compared to a traditional Geometry course. Topics include Deductive Reasoning and Properties of Lines Angles and Triangles. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. Approval of a math teacher is needed to enroll. ***This course does not count as a Math credit, but as an elective credit.**

Geometry 101 (one trimester)

This course is open to students who have passed Geometry 090. It is a one trimester course covering the topics of Properties of Triangles and Quadrilaterals and Trigonometry. The pace continues to be slowed down greatly, and more explanation and examples are given compared to a traditional Geometry course. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. Approval of a math teacher is needed to enroll.

Geometry 102 (one trimester)

This course is open to students who have passed Geometry 101 or its equivalent. It is a one trimester course covering the topics of Transformations and Practical Applications using Formulas and Properties of Circles. The pace continues to be slowed down greatly, and more explanation and examples are given compared to a traditional Geometry course. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. A State required, comprehensive, End-Of-Course Geometry Exam will be given at the end of this trimester. At the successful completion of this course a student will have taken the equivalent of a one year traditional Geometry course, and will have earned their 2nd math credit, as required by the State of Michigan. Approval of a math teacher is needed to enroll.

Geometry 111 (one trimester)

This course is open to students who have passed Algebra I. It is a one trimester course covering the topics of Deductive Reasoning, Properties of Lines Angles and Triangles, and Properties of Triangles and Quadrilaterals. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. Approval of a math teacher is needed to enroll.

Geometry 112 (one trimester)

This course is open to students who have passed Geometry 111. It is a one trimester course covering the topics of Trigonometry, Transformations, Practical Applications using formulas and Properties of Circles. Supplemental and hands-on materials as well as a scientific calculator will be used throughout the course. A State required, comprehensive, End-Of-Course Geometry Exam will be given at the end of this trimester. At the successful completion of this course a student will have earned their 2nd math credit, as required by the State of Michigan. Approval of a math teacher is needed to enroll.

Algebra 201 (one trimester)

This course is open to students who have passed Geometry 102. It is a one trimester Advanced Algebra course reviewing Algebra I concepts and introducing the topics of Functions, Equations, and Graphs, and Matrices. Graphing calculators will be used throughout the course and are expected. Approval of a math teacher is needed to enroll.

Algebra 202 (one trimester)

This course is open to students who have passed Algebra 201. It is a one trimester Advanced Algebra course covering the topics of Quadratic Equations and Functions, Polynomials and Polynomial Functions, and Probability and Statistics. Graphing calculators will be used throughout the course and are expected. Approval of a math teacher is needed to enroll.

Algebra 203 (one trimester) (not offered until the 2010/11 school year)

This course is open to students who have passed Algebra 202. It is a one trimester Advanced Algebra course covering the topics of Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, and Rational Functions. Graphing calculators will be used throughout the course and are expected. Approval of a math teacher is needed to enroll.

Algebra 204 (one trimester) (not offered until the 2010/11 school year)

This course is open to students who have passed Algebra 203. It is a one trimester Advanced Algebra course covering the topics of Quadratic Relations and Conic Sections and Sequences and Series. Graphing calculators will be used throughout the course and are expected. A State required, comprehensive, End-Of-Course Algebra II Exam will be given at the end of this trimester. Approval of a math teacher is needed to enroll.

Algebra 211 (one trimester)

This course is open to students who have passed Geometry 102 or 112. It is a one trimester Advanced Algebra course covering the topics of Functions, Equations, and Graphs, Matrices, Quadratic Equations and Functions, and Polynomials and Polynomial Functions. Graphing calculators will be used throughout the course and are expected. Approval of a math teacher is needed to enroll.

Algebra 212 (one trimester)

This course is open to students who have passed Algebra 211. It is a one trimester Advanced Algebra course covering the topics of Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Probability and Statistics, Quadratic Relations and

Conic Sections, Rational Functions. Graphing calculators will be used throughout the course and are expected. A State required, comprehensive, End-Of-Course Algebra II Exam will be given at the end of this trimester. At the successful completion of this course a student will have earned their 3rd math credit, as required by the State of Michigan. Approval of a math teacher is needed to enroll.

Pre-Calculus 311 (one trimester)

This Trimester course is open to students who have passed Algebra 212. It provides a review of the fundamentals of algebra, analytical geometry, and trigonometry. Emphasis is on calculus oriented concepts including functional notation, logic, graphing, and the applications of functions. The behavior of algebraic, exponential, logarithmic, and trigonometric functions are explored with the use of the graphing calculator throughout the course. Basic concepts of Calculus will be introduced throughout the course. Approval of a math teacher is needed to enroll.

Pre-Calculus 312 (one trimester)

This Trimester course is open to students who have passed Pre-Calculus 311. Topics will include Trigonometry Identities and Equations, Vector and Parametric Equations, Polar Coordinates and Complex Numbers, Conics, Exponential and Logarithmic Functions, and Sequences and Series. Graphing calculators will be used throughout the course and are expected. Basic concepts of Calculus will be introduced. Approval of a math teacher is needed to enroll.

Calculus 411 (one trimester)

This Trimester course is open to students who have passed Pre-Calculus. Calculus 411 provides a review of the prerequisites for calculus. Concepts include limits, continuity, derivatives and their applications, and an introduction to definite integrals. Graphing calculators will be used throughout the course and are expected. Approval of a math teacher is needed to enroll.

Calculus 412 (one trimester)

This Trimester course is open to students who have passed Calculus 411. Calculus 412 provides the skills necessary to pass a college entry level Calculus I course. Concepts include differential equations, mathematical modeling, definite and improper integrals, sequences, series, and parametric, vector and polar functions. Graphing calculators will be used throughout the course and are expected. Approval of a math teacher is needed to enroll.

SCIENCE

EARTH SCIENCE (one trimester) (grade 9 - required)

Earth Science is a required one-trimester course which covers Plate Tectonics, rocks and minerals, earth history, meteorology, astronomy, and oceanography. Students will gain an understanding about the world around them.

INTRO TO CHEMISTRY (one trimester) (Prev: Physical Science) (grade 9 - required)

This course is designed to introduce the students to basic chemical processes such as: Energy in Motion, Atomic Reactions, Nomenclature, Properties of Matter, and Changes in Matter. Students will leave the course prepared for Chemistry A. Chemistry A will continue on the development of the atom introduced in Intro to Chemistry.

BIOLOGY A (one trimester) (Prerequisites: Earth Science, Intro to Chemistry)

Required for Class of 2011/2012

Students will explore basic biology concepts including the characteristics of living things, cell structure and functions, and the interdependence of living systems in the environment.

BIOLOGY B (one trimester) (Prerequisites - Earth Science, Intro to Chemistry, Biology A)

Required

Students will continue to explore basic biological concepts including genetics, evolution and biodiversity.

PHYSICS IA (one trimester) (Prerequisites: Earth Science, Intro to Chemistry, Biology A/B)

Students will explore the motion of objects and the forces that cause motion including the laws used to explain it. Energy forms, transformation, and applications through simple machines will also be addressed.

PHYSICS IB (one trimester) (Prerequisite: Earth Science, Intro to Chemistry, Biology A/B, and Physics IA) (required)

Students will explore the areas of wave properties, sound, light, optics, electricity, magnetism, and thermodynamics. Nuclear reactions and radioactivity are also included.

CHEMISTRY A (one trimester) (Prerequisites: Earth Science, Intro to Chemistry, Biology A/B)

Students will continue to develop the model of the atom started in Intro to Chemistry. They will use the model to explain properties of matter, energy transformation and changes that occur within matter. Formulas and naming of materials will also be discussed.

CHEMISTRY B (one trimester) (Prerequisites: Earth Science, Intro to Chemistry, Biology A/B, Chemistry A)

Students will use their knowledge of atomic structure and matter to discuss chemical reactions, rates of change and changes in chemical energy that occur during these reactions. Chemical quantities and their relationships will also be explored.

SCIENCE ELECTIVES

CLIMATOLOGY (one trimester) (grade 10-12) (Prerequisite: Earth Science)

Climatology is a one trimester elective course which covers our atmosphere (past, present, and future), the seasons and temperature variations, atmospheric moisture and clouds, atmospheric circulation, severe weather, and will provide many real-life applications on how to read weather maps and predict the weather.

ASTRONOMY (one trimester) (grade 10-12) (Prerequisite: Earth Science)

Astronomy is a one trimester in-depth course which covers the following topics: earthly cycles, history of astronomy, formation of the solar system, planets, classification and life cycles of stars, and types of galaxies.

ANATOMY A (one trimester) (Prev: Advanced Biology I) (Prerequisites - Earth Science, Intro to Chemistry, Biology A/B)

The course is recommended for college bound students or those who have a high level of interest in the study of living organisms. The course will focus on the organ systems within living things, anatomy and function, as well as placing a high priority on the experience of dissection.

ANATOMY B (one trimester) (Prev: Advanced Biology II) (Prerequisites - Earth Science, Intro to Chemistry, Biology A/B)

This course is a continuation of Anatomy A but it is not necessary to have had Anatomy A to take Anatomy B. This course is recommended for college bound students or those who have a high level of interest in the study of living organisms. The course will focus on the organ systems within living things, anatomy and function, as well as placing a high priority on the experience of dissection.

ADVANCED PHYSICS A (one trimester) (grade 12) Prerequisites: Earth Science, Intro to Chemistry, Biology A/B, Physics IA/IB or Chemistry A)

This course is meant to be an in-depth study of mechanics to include the study of motion in one and two dimensions using vector analysis and also an in-depth study of work and energy. The topics of this course are similar to the Physics IA course, however they are taught with much greater mathematical rigor.

ADVANCED PHYSICS B (one trimester) (grade 12) Prerequisites: Earth Science, Intro to Chemistry, Biology A/B, Physics IA or Physics IB or Chemistry A and Adv Physics A)

This course is meant to be an in-depth study of waves and electromagnetism. Some example topics include sound waves, light waves, optics, and AC/DC circuits. The topics of this course are similar to the Physics IB course, however they are taught with much greater mathematical rigor.

SOCIAL STUDIES

CIVIC STUDIES (one trimester) (grade 9 - required)

This course will focus upon The Documents of Freedom, the functions of the legislative, executive, and judicial branches of government at the federal level.

ECONOMICS (one trimester) (grade 9 - required)

This course will introduce the principles of our society's free market economy and basic consumer skills including negotiation and money management.

WORLD STUDIES A (one trimester) (grade 10 - required)

World Studies A is designed to acquaint the student with basic geographic skills. Students will become more aware of the growing interdependence of countries upon other countries geographically, politically, and economically. Later on in the course, students will focus on the ideas, values, and perceptions of people from different cultural backgrounds in the western part of the World. Throughout the year, students will study different maps, climates, ecosystems, world resources, and cultures. Students will focus their study on Western Hemisphere.

WORLD STUDIES B (one trimester) (grade 10 - required)

World Studies B is designed to expand the student's geographic skills. Students will become more aware of the growing interdependence of countries upon other countries geographically, politically, and economically. Later on in the course, students will focus on the ideas, values, and perceptions of people from different cultural backgrounds in the eastern part of the World. Throughout the year, students will study different maps, climates, ecosystems, world resources, and cultures. Students will focus their study on the Eastern Hemisphere.

HONORS WORLD STUDIES A (one trimester) (grade 10)

Honors World Studies A is a required course for the Honor Student. This trimester covers the significant events beginning with the early river civilizations to the 13th centuries, with emphasis on the political, social, industrial, and ideological developments which shape our world. The purpose of the course is to help the student become more aware of how the world has developed as it has and its relationship to what is occurring throughout the world today.

HONORS WORLD STUDIES B (one trimester) (grade 10)

Honors World Studies B is a required course for the Honor Student. This trimester covers the significant events beginning with the 14th to the 20th centuries with emphasis on the political, social, industrial, and ideological developments which shape our world today.

AMERICAN STUDIES A (one trimester) (Regular or Honors grade 11 - required)

This trimester will concentrate on America from discovery through the Great Depression. We will examine the changes that took place to make us the country we are today.

AMERICAN STUDIES B (one trimester) (Regular or Honors grade 11 - required)

This trimester will concentrate on the 20th century, WWII - Present Day. We will examine the social change which has taken place in American society in recent years and speculate on future decades.

SOCIAL STUDIES ELECTIVES**LAW I (one trimester) (grades 9-12)**

This course covers both criminal and civil law. Upon completion of this course, students will be able to identify the various components and functions of the legal system while gaining an understanding of basic rights guaranteed to them by law. When possible, guest speakers from various fields of law will be present. Throughout the trimester, students will be required to:

- * Participate in a moot court, mock trial, and the Cass County Teen Jury Program (only offered once every year).
- * Research a current Supreme Court Justice and co-present a biography.
- * Complete a contract project (two article summaries, film review, or Supreme Court case brief) related to criminal and/or civil law.

LAW II (one trimester) (grades 10-12)

(Prerequisite: Law I and instructor's permission)

Law II students will review the criminal justice system, participate in a detailed study of civil law, and become familiar with current legal trends. Students will also complete a Constitutional Law unit where they will brief current and historical Supreme Court cases. When possible, guest speakers from various fields of law will be present.

MICHIGAN HISTORY (one trimester) (grades 9-12)

Michigan History is the study of the growth of the State of Michigan. This course covers early exploration by the earliest native residents, the French fur trade; take over by the British after the French and Indian War, and finally, the Americanization of Michigan. The course also delves into periods in Michigan's history that influenced or continued to have an affect on Michigan's economic development including the lumber and mining era and the auto industry.

MINORITIES (one trimester) (grades 10-12)

Minorities is a survey course of the history of minority Americans. The course focuses attention on the problems affiliated with minority-majority group relations in the United States. The course focuses on the major contributions of African, Native, Hispanic and Asian Americans; the role of these and other minority groups in shaping major historical events; the effects of major historical events on them; the nature of prejudice; the role of toleration and cooperation; and the progress of the assimilation process.

COLLEGE AMERICAN GOVERNMENT - (SMC Course No. POSC 201) (one trimester) (grade 12)

(Available for Direct Credit) Prerequisite: SMC English 100 with a grade of **C** or satisfactory score on the ACT/Michigan Merit Exam.

This elective course is a study of how the American political system operates. Attention is focused upon governmental policy areas. The enacting of laws, citizen influence, and current events are emphasized.

COLLEGE MICROECONOMICS (SMC Course No. ECON. 202) (one trimester) (grade 12)

(Available for Direct Credit)

Micro economics examines the economy from the view of a single firm. It introduces the student to economics as one of many approaches to describing human behavior, to the language and methodology of the discipline of economics. This course offers an analysis of the demand theory, the concept of elasticity, Production and Distribution, and the various market types. It is intended to prepare students to enter the economy with an understanding of economic choice as it applies to business, investment, management and our global economy.

ECONOMICS II (one trimester) (grades 10-12)

This course is designed to introduce the principles of production, distribution, exchange, and consumption of goods and services in our society=s free market economy. It is intended to prepare students to enter the economy with understanding of economic choice as it applies to business, investment, management and our global economy.

STATE AND LOCAL GOVERNMENT (one trimester) (grades 10-12)

This course will help prepare students for dealing with the rules and procedures that will be encountered when buying property, building a new home, garage, or workshop, fixing up a car for the Demolition Derby, or opening a home business. During the course students will meet many of the leaders involved in area governments. Students will participate in simulations that will help them understand how a community really works and how individuals influence state & government. Students will attend a mock City Council meeting and act in the role of a community leader or a regular citizen. Job shadowing opportunities for students interested in local government may be arranged.

PSYCHOLOGY (SMC Course No PSYC 101) (one trimester) (grades 11-12) (Available for Direct Credit)

This course is designed to introduce students to the various fields of psychology. Discussions are held on the development of theory and application as it pertains to psychology. The principles of learning are covered with an in-depth study of classical and operant conditioning. Behaviorism is studied and discussed so that the student might recognize accepted and deviant behavior patterns. Mental health and personality theory are also studied. Students should plan on enrolling in Sociology the second semester.

SOCIOLOGY (SMC Course No. SOCI 201) (one trimester) (grades 11-12) (Available for Direct Credit)

The course is designed to give the student a greater awareness of his/her role within the various segments of society. The student will be made aware of the interrelationships of the various patterns and systems within society and how he/she relates to them.

TOPICS-HISTORY IN THE MAKING (one trimester) (grades 10-12)

This course will examine the current topics in Newsweek Magazine. Students will receive their personal copy of the magazine each week from which they will critically analyze the various articles within the magazine. This course will include writing, course discussion/debates, and weekly quizzes over current events. There will also be several current event projects throughout the course of the year.

HEALTH AND PHYSICAL EDUCATION**HEALTH (one trimester) (grades 9-12) (Required)**

This is a required course that deals with the emotional, physical, social, and psychological aspects of the human body. It is intended to prepare students to enter society with the knowledge to make responsible decisions regarding their health. The units covered are mental health, tobacco, alcohol, drugs, reproduction, pregnancy, contraception, and STD/AIDS.

PHYSICAL EDUCATION BOYS AND GIRLS (one trimester) (grades 9-12)

One trimester of Physical Education is required for graduation. It is usually taken in the ninth or tenth grade. The course content will allow the student to become aware of the basic techniques and rules for the following individual sports: flag football, tennis, badminton, basketball, volleyball, invasion football, and mat ball. The student will also be exposed to the basics of a physical fitness program including proper warm-up and stretching techniques. Written assignments will be given when applicable, usually on every unit. Proper attire (athletic shoes, sweat pants or shorts, socks, and a T-shirt) and a positive attitude are required from the first day.

ADVANCED PHYSICAL EDUCATION GIRLS AND BOYS (one trimester) (grades 10-12,

Instructor permission)

Advanced P.E. will consist of several types of physical training throughout the year. You will work hard on your cardiovascular system, muscle strength, and muscle endurance. Incorporated are a number of team sports throughout the year as well. If you are not prepared to work hard, this is not the course for you.

CONDITIONING (one trimester) (grades 10-12)

(Prerequisite: Physical Education)

This course will emphasize four fundamental areas: Strength development, stretching for flexibility, speed and agility enhancement, and the fundamentals of a proper nutritional program. Students will be required to keep accurate records of their progress in the weight training phase as well as speed workouts. Lifting concepts of the bigger, faster, stronger program will be a major component of this course. Proper technique and spotting procedures will be demonstrated, explained, and practiced for each of the core weight training stations. Students will be instructed as to proper running form for speed workouts.

VISUAL, PERFORMING, APPLIED ARTS

MARCHING BAND: (one trimester) (grades 9-12)

Prerequisite: At least two years of study in music or permission from director. Students must be able to attend Band Camp. Marching band is a performance based course. It must be taken in conjunction with either Concert Band or Symphonic Band. Marching Band will focus on the various skills needed to perform music as well as march drill. The course will hone skills in many areas including attention to detail, commitment, concentration, problem solving, and confidence. Musically, the course will focus on areas such as tone, technique, musicality, interpretation, ensemble sound, and style. Attendance at ALL after school rehearsals and performances, described in the band calendar, is expected and mandatory.

SYMPHONIC BAND: (one trimester) (grades 9-12)

Prerequisite: At least two years of study in music or permission from director. Symphonic Band is a performance based course. It must be taken in conjunction with Marching Band. Symphonic Band will be the premier performance ensemble of the Dowagiac Union Schools. This course will focus on tone, technique, musicality, interpretation, ensemble sound, and style, at the highest levels. Emphasis will be placed on attaining the highest levels of performance through learning advanced techniques.

CONCERT BAND: (one trimester) (grades 9-12)

Prerequisite: At least two years of study in music or permission from director. Concert Band is a performance based course. It must be taken in conjunction with Marching Band. This course will focus on developing the skills necessary to perform at a higher level such as tone, technique, musicality, interpretation, ensemble sound, and style. Emphasis will be placed on building strong fundamentals of music.

JAZZ BAND A: (one trimester) - (grades 10-12, 9th with instructor permission)

Prerequisite: Must be enrolled in Symphonic or Concert Band. Jazz band is a performance based course. This course will focus on developing the skills necessary to perform Jazz music. Emphasis will be placed on tone, technique, musicality, interpretation, ensemble sound, and style. It will also explore the history, theory, improvisation, and style of Jazz.

JAZZ BAND B: (one trimester) - (grades 10-12, 9th with instructor permission)

Continuation of Jazz Band A.

MUSIC THEORY AND TECHNOLOGY: (one trimester) (grades 9-12)

Music Theory and Technology will develop a student's ability to read, compose, and analyze music. Students will start at a very basic level, and will develop the skills necessary to compose a short piece for 4 voices. Students will also explore ways in which technology is used in the creation of, and the performance of music. Students will have the opportunity to work with music notation software, sequencing programs, audio recording devices, and others.

CADET CHOIR (one trimester) (grades 9-10)

Cadet Choir is an all-female group. This course will provide both vocal training as well as performance opportunities via school and community events. While enrolled in this course, students will learn the basic principles of musicianship while gaining the basic sight-singing skills needed to perform more advanced literature. Concert and performance attendance is MANDATORY.

CHORALE (one trimester) (teacher approval)

Chorale is an elective course offered to male students grade 9-12 and female students grades 11-12. Students in Chorale are required to have basic sight-singing and musicianship skills before being accepted into this course. Chorale requires an audition (scheduled by the teacher) before approval is granted. Students will perform all genres of vocal music. More advanced musicianship, theory and sight-reading skills will be taught. The ability to match pitch with piano and the ability to harmonize to a melody part is required. Attendance at ALL school concerts and community performances is MANDATORY. Teacher approval is required for entrance into this class.

CHAMBER CHOIR (one trimester) (grades 9-12)

Chamber Choir is an elective one trimester course offered to by audition only. This course provides school/community performance in small settings. The student will need to be strong vocalists and be able to demonstrate the ability to do choreography while singing. Students will be expected to dress in performance apparel and represent DUHS in public settings. There will be balanced vocal parts between male/female members. Attendance at all performances is required.

WOMEN'S CHORALE (one trimester) (grades 9-12)

Women's Chorale is a one trimester elective course offered by audition only. This is an advanced level course for female singers wanting to sing more challenging repertoire. Performance opportunities include both school and public events. The singers are expected to be strong on their voice parts and independent musicians. Attendance at all performances is required.

BASIC ART (one trimester) (grades 9-12)

Art IA is a one trimester course that will examine conceptual strategies in the development of basic physical art skills. Creative processes will be used to manipulate media and subject to convey varied visual problems. Development will stress achieving course level goals and personal growth. Included in the course will be an examination into the social, cultural and contemporary aspects of art. This course is designed for those wishing to pursue art as a serious study or for those who are inexperienced and wish to investigate artistic expression. The Basic Art course will examine 2 dimensional projects that will feature drawing, painting and color theory.

INTRO TO ART TECHNIQUES (one trimester) (grades 9 -12)

Creative processes will be used to manipulate media and subject to convey varied 2 and 3 dimensional problems. Development will stress achieving course goals and personal growth. This course will also examine the social, cultural and contemporary aspects of art. This course is designed for those wishing to pursue art as a serious study or for those who are inexperienced and wish to investigate artistic expression. This art course will examine art movements along with 2 dimensional and 3 dimensional projects.

ART IIA (one trimester) (grades 10-12)

Students enrolling in this course should have successfully completed Basic Art and have a positive attitude about developing their knowledge and skills of the arts. Refinement of talent and application of skills learned in the prior year will be a basic focus for this course. Development will concentrate on complex projects with varied outcomes. The product outcome will integrate technical mastery and student expression into a common art experience. Students who wish to pursue art as a serious study and have successfully passed Basic Art and Intro to Art Techniques with an average grade of C or higher are welcome in this course.

ART IIB (one trimester) (grades 10 - 12)

Students enrolling in this course should have successfully completed Intro to Art Techniques with a grade of a C or higher and have a positive attitude about developing their knowledge and skills of the arts. Refinement of talent and application of skills learned from previous courses will be the basic focus for this course. Development will concentrate on complex projects with varied outcomes. The product outcome will integrate technical mastery and student expression into a common art experience

ART IIIA & IVA (one trimester) (grades 11-12)

Students enrolling in Art III (A) should have successfully completed Art II (A&B) with an average grade of a C or higher. Students enrolling in Art IV(A) should have successfully completed Art III (B) with an average grade of a C or higher. Each course engages the student to create images and generate ideas according to their own experiences and visions. Complex visual problems of many media will require the student to create responses of various expressions. Those wishing to seek admission to these courses should be students who are serious about developing their art skills and are willing to work to improve.

ART IIIB & IVB (one trimester) (grades 11-12)

Students enrolling in Art III(B) should have successfully completed Art III(A) average of a C or higher. Students enrolling in Art IV (B) should have successfully completed Art IV (A) with an average of a C or higher. Each course engages the student to create images and generate ideas according to their own experiences and visions. Those wishing to enroll in this course should be serious about developing their art skills and are willing to improve.

CLAY (one trimester) (grades 9-12) ***A fee is charged for this course *******

This one trimester course is designed for those students in grades 9-12 wishing to learn the basic hand building methods involved in clay making. Slab, coil, drape, and pinch techniques will be covered in course. Sculptural pieces will also be created. Glazing and other surface finishes will be discussed as the projects are completed. Tests, projects and written summaries will be part of the grading system. Currently, there is no part 2 of the clay course.

SCULPTURE (one trimester) (grades 10-12)

This one trimester sculpture course will consist of creating 3 - dimensional art objects from various media. Possible materials will be: paper, wood, clay, stone, cement, plaster and wire. Many strategies will be used to create abstract and representational sculptures along with functional and decorative pieces. The care and use of tools will be a component of this course. Some art history will be used to help illustrate examples of intended projects. Students may need to bring materials from home to create some of the sculptures.

DRAWING AND PAINTING (one trimester) (grades 9-12)

Students enrolled in this course will study the basics of drawing in perspective, human forms and nature. This knowledge will then be carried into making paintings with watercolor, tempera paint and acrylic paint. Drawings will be various pencils, ink and colored pencils. Students will also learn how to matt their work and how to critique drawings and paintings.

LANGUAGES OTHER THAN ENGLISH

HONORS FRENCH IA (one trimester) (grades 9-12)

Honors French I is recommended for those who wish to broaden their awareness of the world and for those pursuing an academic career. Also included in this course will be a basic study of the country of France -- its provinces, industry, culture and position in the world today. The communication skills of listening, speaking, writing and reading will be introduced as well as basic vocabulary and grammatical skills.

HONORS FRENCH IB (one trimester) (grades 9-12)

(Prerequisite: Honors French IA)
Continuation of Honors French IA.

HONORS FRENCH IIA (one trimester) (grades 10-12)

(Prerequisite: Honors French IA/B)

This course is recommended for those who wish to continue their work in French beyond just a basic understanding of the language. It also is recommended for those pursuing an academic career. Stressed more is the conversational form of the language and also a deeper study of the written grammar of language. Basing study on the basic culture learned in first year French, the student will go deeper into the roots of the language and the country and the culture.

HONORS FRENCH IIB (one trimester) (grades 10-12)

(Prerequisite: Honors French IIA)

Continuation of Honors French IIB.

HONORS ADVANCED FRENCH A (one trimester) (grades 11-12)

(Prerequisite: Honors French IIA/B - instructor permission)

This course is recommended for those who wish to study French literature and delve more deeply into French culture. It is also recommended for those who wish to pursue an academic career. Emphasis is placed on French readings, writing, and history.

HONORS ADVANCED FRENCH B (one trimester) (grades 11-12)

Prerequisite: Honors Advanced French A

Continuation of Honors Advanced French A.

HONORS SPANISH IA (one trimester) (grades 9-12)

Honors Spanish I is recommended for those students who are planning an academic career and for those who want to broaden their awareness of the world. The communication skills of listening, speaking, writing and reading will be introduced as well as basic vocabulary and grammatical skills. The course attempts to give the student an active, flexible command of Spanish, based on the understanding of the concepts and structures, and using them for oral and written communication. **It is strongly recommended that students have a C+ average in English.**

HONORS SPANISH IB (one trimester) (grades 9-12)

(Prerequisite: Honors Spanish IA)

Continuation of Honors Spanish IA.

HONORS SPANISH IIA (one trimester) (grades 10-12)

(Prerequisite: Honors Spanish IA/B - instructor permission)

Honors Spanish II is recommended for those who wish to continue their work in Spanish beyond just the basic understanding of the language. Each lesson builds on the last one, reinforcing conversation, vocabulary, and a deeper study of grammar. All of these things build to the final goal of being able to communicate with the native in Spanish.

HONORS SPANISH IIB (one trimester) (grades 10-12)

(Prerequisite: Honors Spanish IIA)

A continuation of Honors Spanish IIA.

HONORS ADVANCED SPANISH A (one trimester) (grades 11-12)

(Prerequisite: Honors Spanish IIA/B - instructor permission)

Spanish literature and poetry are read in Spanish for enjoyment and discussion with classmates. Emphasis will also be placed on the four communicative skills of reading, writing, listening, and speaking.

HONORS ADVANCED SPANISH B (one trimester) (grades 11-12)

(Prerequisite: Honors Advanced Spanish A)

Continuation of Honors Advanced Spanish A.

BUSINESS

BUSINESS MANAGEMENT AND TECHNOLOGY IA (one trimester) (grades 9-12) Required

The Business Management and Technology IA course is a hands-on, computer-oriented course. It is real-life practice to prepare students for the future. Students will review keyboarding skills, banking and career planning, as well as Office 2007 which includes Word and Excel. They will learn basic Internet functions, etiquette, copyright and legal issues. They will also have access to a scanner and digital camera. They will participate in an online stock market game and correspond with an ePal of a different country. The assessments utilize an online simulated Office software module called Sam 2007. Following completion of the Business Management and Technology IA course, students should progress into BMT IB (see below) and then into advanced areas (BMT II) choosing to specialize in a specific occupational area or to expand their knowledge and skills in each area. The Business Management and Technology Program allows students to explore the variety of career options available.

BUSINESS MANAGEMENT AND TECHNOLOGY IB (one trimester) (grades 10-12)

(Prerequisite: Business Management and Technology IA)

Continuation of Business Management and Technology IA plus Access, PowerPoint and Outlook.

BUSINESS MANAGEMENT AND TECHNOLOGY IIA (one trimester) (grades 11-12)

(Prerequisites: Business Management and Technology IA/IB - minimum grade C-)

This course is available to students that would like to advance their skills with Office 2007. The students will learn advanced Word (word processing), advanced Excel (spreadsheet), advanced Access (database), advanced Excel (spreadsheet), and Access (calendar, tasks and email). They will use the online CoursePort sit for most of these skills. Students will keyboard at higher levels of speed and accuracy. These online programs will cover some of the additional segments for the State requirements. (i.e.: Professional Development, Entrepreneurship, Strategic Management, Business Law and Business Practices). Students will learn advanced Internet functions using specific research tools. Finally, they will continue the ePals program with a foreign country utilizing their Internet etiquette skills.

BUSINESS MANAGEMENT AND TECHNOLOGY IIB (one trimester) (grades 11-12)

(Prerequisites: Business Management and Technology IIA - minimum grade C-)

DIGITAL DESIGN IA (one trimester) (grades 10-12)

(Prerequisites: Business Management and Technology IA/IB)

This course will include a unit on Windows XP, Internet Explorer 6.0, HTML (Web page language) and Macromedia Dream weaver and Macromedia Fireworks. Also, the course will have a unit on scanners and digital cameras.

DIGITAL DESIGN IB (one trimester) (grades 10-12)

(Prerequisite: Digital Design IA)

Continuation of Digital Design IA.

DIGITAL DESIGN IIA (one trimester) (grades 11-12)

(Prerequisite: Digital Design IA or Business Management and Technology IIA/B)

The course will be using PageMaker for desktop publishing including everything from posters, flyers, business cards, and magazine ads to newsletters, brochures and CD covers. The course will include layouts and graphic design with emphasis on entry-level job skills such as paste-up, layout, creativity, rendering techniques, and all aspects of camera-ready art. The course will also create an electronic portfolio along with a hard-copy portfolio utilizing the software above. The electronic portfolio will utilize skills learned in Digital Design IA/B and in Business Management and Technology IIA/B while using the Dream weaver software, Fireworks (photo software), FreeHand for graphics and the student's community business project. This course will learn the details of scanning along with editing of digital photographs and burning of CDs.

DIGITAL DESIGN IIB (one trimester) (grades 11-12)

(Prerequisite: Digital Design IIA)

Continuation of Digital Design IIA.

APPLIED BUSINESS PRACTICES (one trimester) (grades 9-12)

The course is designed to provide exposure to the economic system and how to best manage personal and business matters within that system. The main purpose is to improve students' understanding and knowledge of the business and economic environment in which we live. A business simulation set will be available and required as credit for the course.

SMALL BUSINESS MANAGEMENT (one trimester) (grades 10-12)

The course is recommended for students who have an interest in business management or business occupations; and for students who are seeking an interesting career with many opportunities for advancement. Small Business Management is a step-by-step journey through the entire process of owning your own business. The course will help you select a product or service to sell, determine who your customers are, learn how to market your business, obtain financing, manage your employees, and more. Students taking this course will be involved in the operation and maintenance of records for a school store and those activities of operating a small business. It covers employability skills, salesmanship, advertising, supervisory skills, investment and marketing. Students will develop their own management business plan. Guest speakers will be invited to speak and a field trip to the mall will be taken.

COMPUTERIZED ACCOUNTING IA (one trimester) (grades 11-12)

Computerized Accounting IA is recommended for bookkeeping or accounting, secretarial, and general office occupations, and for students majoring in any business area in college. Computerized Accounting IA will acquaint students with business terms and business papers. Students will go through the complete accounting cycle as applied to sole proprietorships, partnerships, and corporations, using journals, special journals, subsidiary ledgers, general ledgers, and financial statements to analyze business conditions. Also taught will be the use of petty cash, checking and balancing the bank statement, and budget statements. The relationship of using the computer to do accounting functions will also be covered. There are three business simulation sets, which will be available to accounting students as required for credit for the course. These sets will simulate actual business situations as covered in the three accounting cycles as used in a business office. Students will be helping with the accounting for the school store.

This course may be used as one math credit by students who have previously passed three credits of math. A math teacher signature is required in order to receive a math credit.

COMPUTERIZED ACCOUNTING IB (one trimester) (grades 11-12)

(Prerequisite: Computerize Accounting IA)
Continuation of Computerized Accounting IA.

COMPUTERIZED ACCOUNTING IIA (one trimester) (grades 12)

Computerized Accounting IIA will prepare students for entry-level positions into the business accounting area. Also, it will prepare the student who wants to take college level accounting. The subject areas taught in the course are: advanced accounting, partnership accounting, corporate accounting, cost accounting, inventory accounting, payroll accounting, management accounting, budget accounting, taxes, and using the electronic calculator and computer as applied in the accounting area. The emphasis will be in the area of using the computer to do accounting functions. Several computer-assigned and manual business simulation sets will be used to teach the different principles of accounting and are required as credit for the course. This course will help with the accounting for the school store. **This course may be used as one math credit by students who have previously passed three credits of math with a minimum grade of "C" in each math course. Written permission from a math teacher is required in order to receive a math credit.**

COMPUTERIZED ACCOUNTING IIB (one trimester) (grades 12)

(Prerequisite: Computerized Accounting IIA)
Continuation of Computerized Accounting IIA.

BUSINESS LAW (one trimester) (grades 9-12)

Business Law is recommended for students interested in learning the legal aspects of daily life as well as for those interested in the business world. Business Law covers a variety of topics that students will be faced with shortly after leaving high school. Students will discuss case problems related to each area listed above under specific goals. Guest speakers will be invited to speak.

LIFE SKILLS

PARENTING (one trimester) (grades 11-12)

Parenting is a trimester course available to juniors and seniors. This is a coeducational study of the responsibilities involved in parenting. The social, emotional, physical, and intellectual development of children will be examined. Students will practice modeling "good" parenting skills. Students will also be made aware of using teachable moments, to educate their child. Speakers, field trips and lab experience are included in this course.

FAMILY LIVING (one trimester) (grades 11-12)

Family living is a trimester course available to juniors and seniors. The course will examine the roles within the traditional family as well as the extended family. Skills learned will improve the quality of adult relationship. Safety in the home will be explored. Planning marriages, weddings, and receptions will be part of the course.

PREPARING FOR LIFE IN THE 21ST CENTURY / INDEPENDENT FOODS AND NUTRITION A (one trimester) (grades 9 - 12)

This course is designed to equip young adults with the "tools" necessary to deal with real life situations that one may encounter during the post high school years. The "Life Skills" taught will empower the individual with the knowledge and responsibility needed in order to thrive in a competitive, adult - oriented society. The course will include career exploration, employability skills, budgeting, housing, and living arrangements, consumer education, home maintenance, nutrition, and food preparation.

PREPARING FOR LIFE IN THE 21ST CENTURY / INDEPENDENT FOODS AND NUTRITION B (one trimester) (grades 9 - 12)

Continuation of Preparing for Life in the 21st Century/Independent Foods and Nutrition A.

HEALTHY LIFESTYLES A (one trimester) (grades 9-12)

This course is designed for health conscious individuals who desire a healthier way of life. Healthy lifestyles from infancy through old age will be examined. Topics covered will be nutrition, controllable risk factors, communicable and non-communicable diseases, and risky lifestyles (such as tobacco, drugs, addictions, sexually transmitted diseases, and unsafe driving). Lifetime sports and activities will be explored, as well as becoming aware of what our community offers. Be prepared to participate in the following activities: walking, hiking, golfing, tennis, canoeing, ice skating, snow shoeing, dancing, aerobics, and more. Students in this course will have the honor of being involved in the Senior Citizen Luncheons.

HEALTHY LIFESTYLES B (one trimester) (grades 9-12)

Continuation of Healthy Lifestyles A.

HEALTHLY LIFESTYLES B/TEEN SERT PROGRAM (one trimester) (grade 9-12) (teacher approval)

This is a continuation of Healthy Lifestyles A to include Teen Cert. This is an intermediate level training initiative designed for young adults between the ages of 13 and 18. Its primary purpose is establishing training in the areas of disaster preparedness, fire safety and basic fire combating techniques, recognizing injuries and providing basic first aid, cardiopulmonary

resuscitation, reinforcing fundamentals of safety in the home and community, basic team building skills, working together to prevent and mitigate disasters, and cumulating with a disaster exercise.

INDUSTRIAL TECHNOLOGY

INTRO TO MANUFACTURING AND DESIGN I (one trimester) (grades 9-12)

Students will learn to use CAD drafting software, lathes, mills, table saws, band saws, and other shop machinery. Students will then rotate into a Woodworking, Metalworking, or Drafting project area.

INTRO TO MANUFACTURING AND DESIGN II (one trimester) (grades 9-12)

(Prerequisite: Passing grade in Design I)

Student will continue with rotations through the Woodworking, Metalworking, and Drafting project areas.

MANUFACTURING I (one trimester) (grades 10-12) (C or better in Intro)

Students will spend most of their time in the lab while building large furniture pieces. With teacher approval, students will be allowed to choose their own project.

MANUFACTURING II (one trimester) (grades 10-12) (C or better in Manufacturing I)

Students will continue with a large furniture project from Manufacturing I, or begin a new project.

INDEPENDENT PROJECTS (one trimester) (grades 11-12) (B or better in Manufacturing II, instructor permission)

This course is for skilled, advanced, and self directed students wanting to work on very challenging projects in the lab. Students must have projects pre-approved by the teacher before signing up for the course.

ARCHITECTURE I (one trimester) (grades 10-12) (B or better in Geometry, Calculus/Pre-Calc, Intro to Manufacturing and Design I & II)

This course is for students interested in studying architecture or design in college or university. It is a challenging course open to students having successfully passed Intro to Mfg or the prerequisite math courses) Students will learn about home and building design, blueprint reading, and the construction process. Students will use the AutoCAD Architectural Desktop software to develop blueprints and designs.

ARCHITECTURE II (one trimester) (grades 10-12) (C or better in Architectural I)

Students will design and blueprint a custom home. The blueprint will be used to build a scale model of the design.

ENGINEERING AND ROBOTICS I (one trimester) (grades 10-12) (B or better in Geometry,

Calculus/Pre-Calc, Intro to Manufacturing and Design I)

This course is for students interested in studying engineering, robotics, or design in college or university. It is a challenging course open to students having successfully passed Intro to Manufacturing and Design I or the prerequisite math courses. This course will introduce students to CNC design and manufacturing software, robotics, and advanced machining/manufacturing processes.

ENGINEERING AND ROBOTICS II (one trimester) (grades 10-12) (C or better in Engineering and Robotics and Design I)

A continuation of Engineering and Robotics I. Students will continue with more advanced projects while building on skills learned in Engineering and Robotics I.

ADVANCED ENGINEERING PROJECTS (one trimester) (grades 11-12) (B or better in Architecture II or Engineering and Robotics II)

This course is for skilled, advanced self directed students wanting to work on very challenging designs. Students must have projects pre-approved by the teacher before signing up for the course.

BASIC AUTOMOTIVE MAINTENANCE (one trimester) (grades 9-12)

This course is designed for any student who wants to learn to perform basic auto maintenance. Changing a flat tire, changing oil/fluids, replacing headlights, taillights, and windshield wiper blades as well a basic understanding of how an automobile functions, will be covered.

AUTO MECHANICS IA (one trimester) (grades 10-12)

Auto Mechanics I is a one trimester course meeting two block periods per day, offered to sophomores, juniors and seniors. Students will be expected to show proficiencies in many phases of automotive brake systems, theory, and service. The second portion of the course will involve engine operation and rebuilding. Two-thirds of the course time will be devoted to theory; the remainder will be spent in the lab. Emphasis will be placed upon classroom and practical experience in all aspects of brake systems diagnosis and repair leading to certification in that field.

AUTO MECHANICS IB (one trimester) (grades 10-12)

Continuation of Auto Mechanics IA.

AUTO MECHANICS IIA/IIIA (one trimester) (grades 11-12) (Auto IIIA - teacher approval)

Auto Mechanics II/IIIA is a one trimester meeting two block periods a day. The course is designed to provide students with entry level skills in the field of automotive suspension systems, including alignments. Throughout the year, instructional material will include various components and labs related to suspension systems. Successful alignment of at least two vehicles will culminate front/rear suspension course study. The remainder of the time will be spent with basic automotive electricity, circuits, and component testing. Students will be encouraged to participate in many avenues of automotive service.

AUTO MECHANICS IIB/IIIB (one trimester) (grades 11-12) (Auto IIIB - teacher approval)

SCHOOL TO EMPLOYMENT PROGRAM (S.T.E.P.)

SCHOOL TO EMPLOYMENT PROGRAM - RELATED COURSE (two trimesters) (grades 10-12)

S.T.E.P. Related Course is a two trimester elective course, open to sophomores, juniors, and seniors who are enrolled in or who are thinking of enrolling in the work experience phase of the S.T.E.P program. The student should have a declared career pathway and be taking related classes in that vocational field. The student may earn one half credit for each of the two trimesters and need not have taken the first trimester prior to enrolling in the second trimester. This course can not be repeated after earning credit. The first trimester, students will study the role of work in our society. The employability skills program will be a major focus. Students learn important skills such a resume and cover letter writing, completing applications, and developing interviewing skills. Students will learn how to accept and reject job offers, ask for promotions and raises, and how to be successful on the job. The second trimester students learn how to fill out state and local tax forms, how to budget money, and how to become wiser consumers. Students also learn how to buy insurance, use banking services, and how to handle legal responsibilities.

SCHOOL TO EMPLOYMENT PROGRAM - WORK EXPERIENCE (S.T.E.P.) (grades 11-12)

The School To Employment Program is an elective course for students wishing to gain site-based work experience. Students must be a junior or senior in credit status or have reached the age of 17. Students electing this course must also be enrolled in a course related to the area in which they are employed. They must have at least one trimester of the S.T.E.P. Related Course. Students who do not follow the guidelines set forth for this program will be dropped at the end of the trimester. Students work an average of 15 hours per week and are required to work for a minimum of 180 hours per trimester to received credit. Students are required to complete and hand in a signed training agreement/plan and submit weekly time sheets from their place of work. The work based learning station must show proof of Workman's Comp Insurance. The student is evaluated by the coordinator after consultation with the employer and after reviewing all required paperwork submitted by the student. A student in S.T.E.P. can be released up to a maximum of one period each trimester to go to work, if the need can be shown. Students will receive .75 credit each trimester. This course can be repeated.

OTHER

4 CORE REVIEW (one trimester) (grade 11)

This one trimester course will consist of four 3-week sections (one in each content area of English, Math, Science, and Social Studies). Each section will cover both content needed to be successful on the Michigan Merit Exam as well as test taking strategies to increase scores on the ACT portion of the assessment. Grades will be based on daily assignments, participation, quizzes, and practice ACT tests and will be earned on a credit/F basis. A minimum of 60% in each content area or an overall average of 80% is needed to obtain credit for the course

VAN BUREN TECHNOLOGY CENTER (grades 11-12)

The goal of the VBTC is to provide training in vocational and technical career areas to interested students. Students spend one half day at the technology center and one half day at their home school. Transportation is provided to VBTC; however, students must provide their own transportation home from the high school. Interested students must see their counselor. VBTC Program Guides are available in the Guidance Office. All vocational education programs follow the districts policies of nondiscrimination on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, or marital status in all activities and employment. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

PLEASE NOTE: Some courses may not be available to DUHS students due to Van Buren County student enrollment.

SMC - CAREER ACADEMIES (grades 11-12)

Career academies are occupational and career programs designed for high school juniors and seniors. Programs are available through a partnership between Dowagiac Union High School, Lewis Cass ISD and Southwestern Michigan College. Participating students gain both high school and college credits while attending academy classes. Basic requirements for acceptance include the following: minimum of junior status, a 2.5 GPA, meet assessment criteria on the Plan test and/or SMC Placement Test(s), and the recommendation of the student's high school. Transportation must be provided by the student and a 2.0 average must be maintained. Career Academy Programs offered are; Business, Design & Graphics Arts, Education, Health Care, and Manufacturing and Transportation.

SMC - DUAL ENROLLMENT

Eligible Students:

To qualify for dual enrollment at DUHS students must:

- 1) Be in grade 11 or 12
- 2) Have a minimum 2.5 GPA
- 3) Have earned a minimum of 15 credits
- 4) Take a minimum of 2 classes per trimester at DUHS
- 5) Meet the assessment criteria on the Plan test and /or SMC Placement Test
- 6) Meet with their high school counselor for course scheduling
- 7) Have a signed dual enrollment contract on file at DUHS

Eligible Courses:

Courses must meet the following criteria to be taken as Dual Enrollment:

- 1) The course must not be offered by DUHS -or-
- 2) If the course is offered at DUHS but can not be taken by the student due to a scheduling conflict beyond the students control.
- 3) Courses must be in the Core or CTE subject area.

Students may have the opportunity to apply for Direct Credit in selected courses offered at

DUHS through Southwestern Michigan College. Students who wish to participate will have to apply for Direct Credit prior to the end of the course (TBD by SMC). Credit will be granted by SMC based on a passing score on the Direct Credit exit exam. Students who choose not to take the Direct Credit exam, but earn a passing grade in the course will receive high school credit only.

Please Note: Any student who opts to take the Direct Credit exam but does not receive a passing score, will receive a failing grade on their SMC transcript.