

Central High School & Western High School

2010-2011

HIGH SCHOOL COURSE SELECTION GUIDE *With Career Pathways*

CENTRAL HIGH SCHOOL



WESTERN HIGH SCHOOL



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(ARC)



(BMT)



(EMI)



(HSC)



(HUS)



(NRA)

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A CHALLENGE TO EDUCATION EXCELLENCE

The *Course Selection Guide* has been established to help students and parents prepare the best educational plan for the four-year experience at Bay City Central and Western High Schools. It is very important that students planning their high school program weigh many options available to them. Students must be careful to select courses that will meet all graduation requirements. In addition, students must meet entrance requirements if planning on college and/or vocational training after high school. Athletes must also meet NCAA (National Collegiate Athletic Association) standards if planning on playing Division I or Division 2 sports. Each student must plan a program that will prepare him or her for a satisfying, meaningful, and productive life—a program that will help him or her become a contributing member of society.

It is the intent of the faculty at Bay City Central and Western that this guide gives students a listing of all courses offered and their descriptions. It includes advice to help students select their learning experiences.

Course offerings change from year to year, keeping pace with the changing needs of students and mandates of the state. It is suggested that each student chart his or her curricular course for at least the first two years as he or she enters high school. A counselor will help each student put together the best sequence of courses to meet specific career goals. It should then be reviewed and modified each term in consultation with his or her counselor.

In compliance with regulations of Title IX of the Education Amendments of 1972, all course offerings are open to all students at Bay City Central and Western High Schools, regardless of gender. Course placement will be made strictly on the basis of competency, abilities, and individual circumstances affecting the most positive chances for improvement and success.

Our hope is that the experience at Bay City Central and Western will be a productive one. Feel free to contact any one of our staff members if a concern arises.

CENTRAL & WESTERN HIGH SCHOOL WEEKLY SCHEDULE

Schedule A > AM Career Center

| Schedule A | First Lunch |
|-------------------|--------------------|
| Period 1 | 73 minutes |
| Passing | 6 minutes |
| Period 2 | 74 minutes |
| Passing | 6 minutes |
| LUNCH | 30 minutes |
| Period 3 | 73 minutes |
| Passing | 6 minutes |
| Period 4 | 73 minutes |
| Passing | 6 minutes |
| Period 5 | 73 minutes |

Schedule B > PM Career Center

| Schedule B | Second Lunch |
|-------------------|---------------------|
| Period 1 | 73 minutes |
| Passing | 6 minutes |
| Period 2 | 74 minutes |
| Passing | 6 minutes |
| Period 3 | 73 minutes |
| Passing | 6 minutes |
| LUNCH | 30 minutes |
| Period 4 | 73 minutes |
| Passing | 6 minutes |
| Period 5 | 73 minutes |

GRADUATION REQUIREMENTS BY GRADE

BAY CITY PUBLIC SCHOOLS

FOUR-YEAR EDUCATION GUIDE

*These graduation requirements may be taken in any year.

9TH-Grade Core Requirements

English 9: English Literature & Composition

Algebra

Physical Science or Biology

World History

10TH-Grade Core Requirements

English 10 American Literature & Composition

Geometry

Chemistry or Physics or Biology

U.S. History

11TH-Grade Core Requirements

English 11: British Literature & Composition

Algebra II

Science Elective

Civics/Economics

12TH-Grade Core Requirements

English 12: See options in course description section

Senior Math Elective

Additional Graduation Requirements

1 Term Physical Ed*

1 Term Health*

1 Term Communications*

On-Line Learning Experience*

Annual EDP Update

2 Terms Visual, Performing, & Applied Arts*

1 Term Technology I & 1 elective technology related course*

Electives - needed to attain total credit to graduate*

12 Volunteer Hours

| Credit Requirements |
|---------------------|
| Class of 2011 25 |
| Class of 2012 26 |
| Class of 2013 27 |
| Class of 2014 27 |

Bay City Public Schools uses the nationally recognized Carnegie Unit (1 Term = 0.5 credits).

Credit Requirements for Graduation

Mandated by State of Michigan

| CREDIT REQUIREMENTS | |
|---------------------|----------|
| CLASS OF: | 2011= 25 |
| | 2012= 26 |
| | 2013= 27 |
| | 2014= 27 |

| Requirements | Volunteer Hour Information |
|---|---|
| <p>8 Terms (4 credits) of English Language Arts that include: 2 Terms of English 9 Eng. Lit. 2 Terms of English 10 Am. Lit. 2 Terms of English 11 Brit. Lit. 2 Terms of English 12 or approved options</p> | <p>In order to graduate from the Bay City Public Schools, students need to accrue 12 hours of Volunteer experiences.</p> <p>Once the student accrues 12 hours of Volunteer activities, a notation of VP will be placed on the report card. After the student satisfies the 12-hour requirement, he/she may continue to have hours recorded for the purpose of scholarships and honors at graduation.</p> <p><u>Three types of service ideas</u></p> <p>a) School coordinated activities: American Cancer Society Daffodil Days, Walk for Warmth, Paint-n-Pride...</p> <p>b) Community Based Organization Activities: Big Brothers and Big Sisters, Red Cross Blood Drives, American Cancer Society...</p> <p>c) Self-Initiated Activities: raking leaves, shoveling snow, and nursing home volunteerism...</p> <p><u>Service that does not apply:</u></p> <ol style="list-style-type: none"> 1) Paid Service, 2) Service that earns school credit or is performed within the school day 3) Religious Instruction 4) Conducting worship services 5) Political activities or activities intended to persuade/influence others 6) Service that is directed to benefit only a family member. <p>*Hours are prorated for transfer students to 1 per term.</p> |
| <p>6 Terms (3 Credits) of Science that include: 2 Terms of Chemistry or Physics 2 Terms of Biology 2 Terms of Elective Sciences</p> | |
| <p>8 Terms (4 credits) of Math that include: 2 Terms of Algebra I 2 Terms Geometry 2 Terms of Algebra II 2 Terms of Senior Math or Math Related</p> | |
| <p>6 Terms (3 credits) of Social Studies that include: 2 Terms of World History 2 Terms of US History 1 Term of Economics 1 Term of Civics</p> | |
| <p>2 Terms (1 credit) of Lifelong Wellness: 1 Term of Health 1 Term of Physical Education</p> | |
| <p>2 Terms (1credit) Technology 1 Term Technology I 1 Term Technology related course elective</p> | |
| <p>2 Terms (1 credit) of Visual/Performing/Applied Arts</p> | |
| <p>1 Term (.5 credit) of Communication</p> | |
| <p>Miscellaneous 1 term is Career-Based Learning or equivalent: (i.e. Co-op, School-to-Work, Career Center, or Mentoring)</p> | |
| <p>Annual EDP Update 1 Online learning experience (Can be met in various classes)</p> | |
| <p>12 Volunteer Hours *See Volunteer Hour's Section to the right</p> | |

GRADE PROMOTION BY CREDITS

To advance to the next grade in high school, students must earn credits. The chart below shows the minimum number of credits a student needs at each grade level to be able to graduate with their class.

Graduating Class of 2011

| | | |
|-------------------------------------|-------------|--|
| Promotion to 10 th grade | 5.5 | credits at the end of 9th |
| Promotion to 11 th grade | 11 | credits at the end of 10th |
| Promotion to 12 th grade | 17.5 | credits at the end of 11th |
| Graduation | 25 | credits at the end of 12th |

Graduating class of 2012

| | | |
|-------------------------------------|-------------|--|
| Promotion to 10 th grade | 5.5 | credits at the end of 9th |
| Promotion to 11 th grade | 12 | credits at the end of 10th |
| Promotion to 12 th grade | 18.5 | credits at the end of 11th |
| Graduation | 26 | credits at the end of 12th |

Graduating class of 2013

| | | |
|-------------------------------------|-------------|--|
| Promotion to 10 th grade | 6.5 | credits at the end of 9th |
| Promotion to 11 th grade | 13 | credits at the end of 10th |
| Promotion to 12 th grade | 19.5 | credits at the end of 11th |
| Graduation | 27 | credits at the end of 12th |

IT'S ALL ABOUT YOUR FUTURE!

This Course Selection Guide contains descriptions of all the courses offered for 9th – 12TH grade students in the Bay City Public Schools. Decisions on course selections have never been easy. Today, students will make choices based on a career development process and the Career Pathways Model. Career activities begin in the seventh grade (entitled: Planning Your Future) and are continued each year thereafter. Students learn how to explore careers, to analyze options, to self-assess interests and abilities, and to develop an educational plan that will lead to success in career choices throughout their life span. The purpose of the Educational Development Plan (EDP) is to provide all students with a periodically updated and ongoing record of career planning. The EDP will provide students a system with steps to evaluate careers so that their career is by choice, not by chance. All students set goals through an EDP, based on a pathway, making course selections more focused and relevant.

Career Pathways are broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and competencies. Via the career development process, discussed above, students select a general pathway to follow that is of interest to them. As interests change, so may the pathway. Michigan's Career Pathways are described on the pages following this introduction.

During grades 7 - 10, the career development process focuses on student career awareness, career exploration, and career assessment. Core requirements in math, science, English, and social studies will prepare students for the ACT/MME Test. During the 11th and 12th grade students focus more on Career Pathway related courses. Students have explored and made choices by this time and can focus on courses that will help them prepare for where they see themselves after high school.

In compliance with the regulations of Title IX of the Education Amendments of 1972, all course offerings and courses of study are open to all students of Bay City Public Schools regardless of gender. Course placement will be made strictly on the basis of competency, abilities, and individual career pathway choice.

Central Career Development Websites

| | | |
|--|---|--|
| http://careercruising.com | http://www.acinet.org | www.TalentFreeway.org |
| Username: Central | | |
| Password: Wolves | | |
| Bay County Opportunity Connection: http://www.alliancebcs.org | | |

Western Career Development Websites

| | | |
|--|---|--|
| http://careercruising.com | http://www.acinet.org | www.TalentFreeway.org |
| Username: Western | | |
| Password: Warriors | | |
| Bay County Opportunity Connection: http://www.alliancebcs.org | | |

Career Cruising is a new, interactive program that can be accessed from home. It is designed for individual, self-directed use. The user-friendly interface helps users satisfy four key career guidance needs: career matching, career exploration, post-secondary education planning, and EDP development.

Bay City Public High Schools are Career Pathway High Schools

Career pathways are a set of defined academic programs, career-technical programs, and college or university programs that lead students to a successful and fulfilling career. The Michigan Career Preparation System uses the six categories or pathways shown below. These defined pathways help focus students' time spent in high school while preparing for their future technical, associates', bachelors', masters' or doctorates degrees. The Michigan Career Pathways are listed below.

The following pages contain information on the traits, characteristics, courses, and career possibilities included in each pathway. Career Pathways allow you to actively *Plan Your Future!*

MICHIGAN'S CAREER PATHWAYS

| | |
|---|---|
|  | <p><u>Arts & Communications (ARC)</u> Programs of study related to humanities and the performing, visual, literary, and media arts</p> |
|  | <p><u>Business, Management, Marketing & Technology (BMT)</u> Programs of study related to all aspects of business including accounting, business administration, finance, information processing, and marketing</p> |
|  | <p><u>Engineering/Manufacturing & Industrial Technology (EMI)</u> Programs of study related to technologies necessary to design, develop, install, or maintain physical systems</p> |
|  | <p><u>Health Sciences (HSC)</u> Programs of study related to the promotion of health as well as the treatment of injuries and disease</p> |
|  | <p><u>Human Services (HUS)</u> Programs of study related to child care, civil service, education, hospitality, and the social services</p> |
|  | <p><u>Natural Resources & Agriscience (NRA)</u> Programs of study related to natural resources, agriculture, and the environment</p> |

TESTING PROGRAM

PLAN

GRADE: 10

DATE: Fall

DESCRIPTION: This test is a volunteer test given to college-bound 10th graders on a Saturday morning. ACT sponsors this assessment program. The PLAN includes academic tests in English, Mathematics, Reading, and Science reasoning, an interest inventory, a Study Power Assessment, and a section on your student's plans, needs, and goals. The academic tests in the PLAN are modeled after the ACT, thus giving your student practice for the ACT college admissions test. Cost is approximately \$11.00.

***This test allows those with qualifying scores to dual enroll in the 11th & 12th grade.**

PSAT/NMSQT: PRELIMINARY SAT

GRADE: 11 (10 for practice)

DATE: October (national testing date)

DESCRIPTION: The PSAT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test) measures verbal, mathematical, and writing skills on a scale ranging from 20 to 80. Since this test is similar to the Scholastic Aptitude Test (SAT), which is one of two college entrance tests, college-bound juniors usually take it to become familiar with timed tests consisting of multiple-choice questions. It also gives information that will help with college planning. The PSAT is used as the qualifying exam for students wishing to participate in the National Merit Scholarship Competition and for dual enrollment. In December, students receive a report of student answers, a booklet called *About Your PSAT Scores*, and their test booklet. Sign-up begins in early October for this test. Cost of this test is approximately \$13.00.

SCORING: Student performance is measured on a scale from 20 to 80 in each of the subject areas tested. Score breakdowns are reported, as well as a Selection Index.

***The PSAT is traditionally geared for 11th grade students; however, 10th grade students may take the PSAT as a practice version for the following year.**

NOTE: 10th grade scores will NOT count toward National Merit Scholarship.

SAT: SCHOLASTIC APTITUDE TEST

GRADE: 11, 12

DATE: Several test dates are offered each year.

DESCRIPTION: The SAT (Scholastic Aptitude Test), which measures verbal and quantitative skills, is a three-hour college entrance test given seven (7) times a year in various test locations. Some colleges, especially Eastern colleges, use the SAT as part of their admissions requirements. Students should check up-to-date college catalogs, located in the Counseling Center and/or Peterson's College Search (which is software located in the CAI Lab) for current entrance test requirements. Results are received in six (6) to eight (8) weeks. Sign-up is one month in advance. Students should see their counselors for registration material.

SPECIAL EDUCATION ACCOMODATIONS

All 11th graders receiving Special Ed services, **not taking MI Access**, must take the ACT/MME. Accommodations must be applied for by the district in relationship to recommendations listed in the current IEP. ACT may deny accommodations. The State of MI allows district recommendations for accommodations for State reportable scores when ACT accommodations have been denied. These results are not acceptable by ACT or colleges.

MICHIGAN MERIT EXAM (MME)

The Michigan Department of Education as part of their state mandated curriculum has implemented a major change in their state assessment. All juniors will test their proficiency in Reading, Writing, Math, Social Studies and Science. This will be accomplished over a three (3) day period. Students will be assessed using the ACT, Michigan Merit Exam (MME) and ACT Work Keys Test. This exam is a BCPS board approved graduation requirement. Continual updates can be found in the school newsletter and on the website, www.michigan.gov/mde. The following are the three (3) components of this assessment.

ACT: AMERICAN COLLEGE TEST

PART 1

GRADE: 11

DATE: Spring & Several national test dates are also offered each year.

DESCRIPTION: All 11th grade students will be tested on the ACT as part of the Michigan Merit Program. Colleges and Universities will accept these scores for college entrance with the following exceptions: military academies and NCAA athletes. Students considering playing college sports must test at a regular ACT national test site to have their ACT scores eligible for NCAA approval. Check with the college you are applying to.

The ACT is a five-hour test, which covers four areas: English usage, math, reading, and science reasoning. It emphasizes problem solving and reasoning abilities (like the SAT) rather than recall of facts. The Student Profile section collects information about a student's post-secondary plans, academic and out-of-class achievements, aspirations, and high school program. Results are received in six (6) to eight (8) weeks. You must sign-up with national test sites one month in advance when retesting. Students should see their counselors for registration material.

All Michigan colleges and universities accept the ACT for their entrance requirement, usually a 24 or higher. The State of Michigan Scholarship Program uses the test as a qualifier for receiving financial aid. To receive financial aid from this program, students must take the ACT on or before the December test date of their senior year. Students retesting should pick up ACT packets from the Counseling Center or register online at www.act.org for national test dates.

SCORES: Scores from 1-36 are reported in each subject area tested. A composite (average) score is also provided. A perfect score on the ACT is a 36. *The written component will be reported separately from the other areas and will not be included within the composite score.*

ACT: WORK KEYS

PART 2

GRADE: 11

DATE: SPRING

DESCRIPTION: This is the second component of the State of Michigan mandated assessment. It is also during the Spring testing program. The ACT Work Keys test contains applied math, reading for information and location information. It measures a student's skill in placing, finding, and applying information taken from various types of graphics. All students who complete all three Work Keys tests and achieve certain Work Keys scores will be eligible to receive a National Career Readiness Certificate. This is a portable certificate, as 38 other states are also using this credential as a tool for documenting foundational skills in the workplace. More information on the ACT American College Test and Work Keys is available on their website at www.act.org.

MICHIGAN MERIT EXAM COMPONENTS

PART 3

GRADE: 11

DATE: SPRING

DESCRIPTION: The MME is the third component of the State of Michigan mandated assessment. It tests the three core **areas** specifically outlined in the states benchmarks for high school students. Students will be assessed for proficiency of expectations as set by the MDE in Math, Science and Social Studies. It is the second day of the Spring testing program. This is given in addition to the ACT.

AP TESTS: ADVANCED PLACEMENT TESTS

GRADES: 10, 11, 12

DATE: A two-week interval in May determined by College Board

DESCRIPTION: Bay City Public Schools offer several Advanced Placement courses, which require advanced levels of responsibility and college-level work. The following AP courses are offered at the grade level listed:

AP United States History (10)

AP Calculus AB (11/12)

AP Biology (11, 12)

AP English Language & Composition (11)

AP English Literature & Composition (12)

AP Chemistry (11/12)

AP U.S. Government & Politics (11, 12)

AP M/M Economics (11, 12)

DUAL ENROLLMENT

Public Act 160 (House Bill 4643) created the Post-secondary Enrollment Options Act, which requires school districts to use state school-aid funds to pay tuition and fees for high school students in Grades 11 and 12, attending a Michigan public or private degree-granting post-secondary institution under certain conditions. This provides an incentive for high school students to take course work at the college level and encourages them to pursue higher education after graduation. In addition as of April 2001 the state has added Career and Technical Education course.

State of Michigan regulations specify a number of conditions under which high school students may participate in the Dual Enrollment Program. The college tuition and fees may be paid by the school district. The criteria are as follows:

- The student must have earned sufficient credits to be in Grade 11 or 12. To take college courses in English, Math, Science or Social Studies, the student must meet the State of Michigan requirements with a qualifying score on the PSAT, PLAN, or ACT/MME. (*See your counselor for specific rules and application forms*).
- Students who are enrolled in both the district and the post-secondary institution must schedule dual enrollment course outside of district school hours.
- The post-secondary courses for which state school aid funds are used must be academic or vocational courses not offered by the school district and cannot be activity courses such as physical education or band.
- The student is responsible for books, materials and transportation.
- Any course taken through Dual Enrollment, which is above and beyond a full load, will be awarded credit but the grade will not be part of the GPA computation, nor will the school district absorb the cost of tuition and fees. The student's schedule will be reviewed based on the number of courses being taken through the Bay City Public Schools.

Examples:

- Student takes course one through four and a dual = Five course – full FTE
- Dual enrollment courses must be a minimum of 3 credits.
- A student that is dual enrolled in the Winter term, which extends through April of that year in their Spring term, MUST still carry a full class load at their home school.
- Students planning on Dual Enrollment should see their counselor early in high school to discuss taking the required test early and other college entrance requirements.
- The grade a student earns in a college course, which is part of his/her complete schedule must be on the high school transcript and will be included in computing his/her GPA. No extra honor points will be given for dual enrollment course.

Following is a complete list of scores that qualify students for dual enrollment:

| 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 |
| ACT | English | English | 21 |
| | Mathematics | Mathematics | 18 |
| | Reading | Reading | 17 |
| | Science | Science | 19 |
| MME | English | English | 21 |
| | Reading | Reading | 1100 |
| | Writing | Writing | 1100 |
| | Mathematics | Mathematics | 1100 |
| | Science | Science | 1100 |
| | Social Studies | Social Studies | 1100 |

NCAA ELIGIBILITY

INFORMATION FOR PROSPECTIVE STUDENT ATHLETES

The National Collegiate Athletic Association (NCAA) strictly monitors numerous college athletic programs. This organization strictly regulates rules concerning eligibility, recruiting, and financial aid.

If you are planning on playing college sports at a Division I or Division II College, the NCAA Clearinghouse **must** certify you.

Your responsibility as a prospective student athlete is to make sure you have taken the correct core courses and have achieved the eligibility grade point average and ACT score. NCAA is now requesting online applications. This can be found by visiting the following website: www.NCAACLEARINGHOUSE.net. From the home page, pull down the Parent/Prospect page from the Custom Home Pages pull-down menu. From there, click on "Guide for the College-Bound Student-Athlete."

NOTE: See your high school counselor early in your high school career to make sure you are enrolled in the correct core course. Your next step toward eligibility is to make sure that the NCAA Clearinghouse has the documents necessary to certify you. These documents include:

1. Your completed and signed release form; Note: When you register on-line, you need to print 3 copies of the release form (Pg. 2)
2. Your official high school transcript; and
3. Your ACT/SAT score.

NOTE: Your high school counselor can help you with the eligibility process and supply you with the correct forms, but they must be informed by you that you are wishing to pursue a college scholarship.

TO BE CERTIFIED BY THE NCAA CLEARINGHOUSE, YOU MUST:

1. GRADUATE FROM HIGH SCHOOL:

You should apply for certification before graduation (usually the end of the junior year) if you are sure you wish to participate in athletics as a freshman at the college to which you will be admitted. The Clearinghouse will issue a preliminary certification report when you have had your materials submitted. After you graduate, the Clearinghouse will review your final transcript to make a final certification decision according to NCAA standards.

2. EARN A GRADE POINT AVERAGE OF AT LEAST 2.00 (ON A 4.00 SCALE):

This grade point average is earned in a core curriculum of at least sixteen (16) academic courses, which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA grade point average. No special values are allowed for plus (+) or minus (-) grades. The chart below shows what your core courses must include at a minimum.

Note this is an increase in the number of core course for Division I.

For division I: The minimum grade point average in the 16 core courses and required ACT or SAT score vary according to the initial eligibility index shown below. This index applies to the student enrolling as a college freshman year who wishes to participate in Division I athletics.

| CORE UNITS REQUIRED FOR NCAA CERTIFICATION | | |
|--|-------------------|--------------------|
| | Division I | Division II |
| English core | 4 years | 3 years |
| Math core | 3 years | 2 years |
| Science core | 2 years | 2 years |
| Social Science core | 2 years | 2 years |
| From English, Math, or Science | 1 year | 2 years |
| Additional core (English, Math, Science, Social Science, Foreign Language, Computer Science, Philosophy, Non-doctrinal Religion) | 4 years | 3 years |
| TOTAL CORE CREDITS REQUIRED | 16 | 14 |

NEW CORE GPA / TEST SCORE INDEX (TO BE USED WITH 16 CORE COURSES)

| Core GPA | SAT | ACT | Core GPA | SAT | ACT | Core GPA | SAT | ACT |
|---------------|-----|-----|----------|---------|-----|----------|---------|-----|
| 3.550 & above | 400 | 37 | 3.025 | 610 | 51 | 2.500 | 820 | 68 |
| 3.525 | 410 | 38 | 3.000 | 620 | 52 | 2.475 | 830 | 69 |
| 3.500 | 420 | 39 | 2.975 | 630 | 52 | 2.450 | 840-850 | 70 |
| 3.475 | 430 | 40 | 2.950 | 640 | 53 | 2.425 | 860 | 70 |
| 3.450 | 440 | 41 | 2.925 | 650 | 53 | 2.400 | 860 | 71 |
| 3.425 | 450 | 41 | 2.900 | 660 | 54 | 2.375 | 870 | 72 |
| 3.400 | 460 | 42 | 2.875 | 670 | 55 | 2.350 | 880 | 73 |
| 3.375 | 470 | 42 | 2.850 | 680 | 56 | 2.325 | 890 | 74 |
| 3.350 | 480 | 43 | 2.825 | 690 | 56 | 2.300 | 900 | 75 |
| 3.325 | 490 | 44 | 2.800 | 700 | 57 | 2.275 | 910 | 76 |
| 3.300 | 500 | 44 | 2.775 | 710 | 58 | 2.250 | 920 | 77 |
| 3.275 | 510 | 45 | 2.750 | 720 | 59 | 2.225 | 930 | 78 |
| 3.250 | 520 | 46 | 2.725 | 730 | 59 | 2.200 | 940 | 79 |
| 3.225 | 530 | 46 | 2.700 | 730 | 60 | 2.175 | 950 | 80 |
| 3.200 | 540 | 47 | 2.675 | 740-750 | 61 | 2.150 | 960 | 80 |
| 3.175 | 550 | 47 | 2.650 | 760 | 62 | 2.125 | 960 | 81 |
| 3.150 | 560 | 48 | 2.625 | 770 | 63 | 2.100 | 970 | 82 |
| 3.125 | 570 | 49 | 2.600 | 780 | 64 | 2.075 | 980 | 83 |
| 3.100 | 580 | 49 | 2.575 | 790 | 65 | 2.050 | 990 | 84 |
| 3.075 | 590 | 50 | 2.550 | 800 | 66 | 2.025 | 1000 | 85 |
| 3.050 | 600 | 50 | 2.525 | 810 | 67 | 2.000 | 1010 | 86 |

REQUIREMENTS FOR OPTING OUT OF A COURSE

According to Section 380.1279b and 280.1279E of the Michigan School Code, a student who is not enrolled in a course may choose to opt out of the course by demonstrating a reasonable level of mastery of the subject matter. The Bay City Board of Education hereby establishes the following requirements:

- A. Student must have completed Grade 8 (Section 380.1279b – School Code.)
- B. Instructors must provide assessment tool, which is the final exam (Section 380.1279b – School Code.)
- C. Pass/Fail grade will be assigned based on attaining at least a C+ on the final exam (Section 380.1279b—School Code.)
- D. Credit toward graduation will be earned and prerequisites waived. Passing the opt out exam with a C+ or better means that credit towards graduation has been earned, prerequisites waived, and graduation requirements fulfilled.

Opt-out exams will be administered during the third full week of August, third full week of November and the third full week of February. Written notification by a student to opt out of a course offered by his or her respective high school must be submitted by the published deadline.

- E. Bay City Public Schools will grant high school credit in foreign language to a pupil enrolled in high school who has demonstrated proficiency in a foreign language outside of a public or private high school curriculum. Proficiency may be demonstrated by a competency test or other criteria established by the Board.
- F. A student requesting an opt-out exam must demonstrate proficiency of the content. The exam will cover all of the course content expectations. The Pass/Fail grade will be assigned based on attaining at least a C+ (78%) on the final exam.
- G. Opting out of any subject area may affect an MME test score as a result of not participating in classroom instruction, course work, and discussion. Also, students need to contact their counselor to review NCAA policies concerning grades with a “CR” (Credit) notation.

COURSE OFFERINGS

BUSINESS & COMPUTERS

| <u>Course</u> | <u>Grades</u> |
|---|---------------|
| Technology I | 9, 10, 11, 12 |
| Technology II | 9, 10, 11, 12 |
| Introduction Business | 9, 10, 11, 12 |
| Desktop Publishing | 9, 10, 11, 12 |
| Computer Programming Q Basic (WHS ONLY) | 9, 10, 11, 12 |
| Computer Programming (C++) (WHS ONLY) | 9, 10, 11, 12 |
| Word and Excel Advanced | 10, 11, 12 |
| PowerPoint & Access Advanced | 10, 11, 12 |
| Business & Consumer Law | 10, 11, 12 |
| Sales & Marketing/Management | 10, 11, 12 |
| Promotion & Entrepreneurship Marketing | 10, 11, 12 |
| Retail Marketing | 11, 12 |
| Sports & Entertainment Marketing | 10, 11, 12 |
| Web page Design | 10, 11, 12 |
| Accounting 1 & 2 | 10, 11, 12 |
| Accounting 3 | 11, 12 |
| Personal Finance | 11, 12 |
| Financial Management | 11, 12 |
| Career Opportunities | 11, 12 |
| Co-operative Education | 12 |
| Career Exploration (WHS) | 12 |

TECHNOLOGY I

9, 10, 11, 12

This one-term course is for all high school students to build skills needed for success in further technology courses. Students will be exposed to and become proficient in Windows operating system. Students will learn fundamental technology skills including file management, word processing (including letters, memos, reports, and flyers), and text formatting techniques, proofreading/editing skills, and efficient keyboard operation. Students will also work with spreadsheets (developing financial statements with mathematical formulas, charts, and graphs), and presentation software (developing and delivering professional presentations). Software applications will be used in a business context.

This course IS required.

Credit earned in Technology I may qualify a student for Articulation at Delta College-details and forms are available from the instructor. Credit earned in this course fulfills .5 credit of the technology requirement for graduation AND the online experience.

TECHNOLOGY II

9, 10, 11, 12

Prerequisite: Credit earned in CCC 1 or Technology I

This one-term course is designed to complement the Technology I course and prepare students for the on-going ethical, social, and global issues of technology in the business world. This course will also present computer concepts including how information is processed, stored, and shared. Major consideration will be given to Internet technology emphasizing research, education, business communications, e-commerce, security, database, e-mail, web pages, graphics, programming, emerging technology and other exploratory concepts.

Credit earned in this course fulfills .5 credit of the technology requirement for graduation AND the online experience.

INTRODUCTION TO BUSINESS

9, 10, 11, 12

This one-term course serves as a valuable exploratory stepping-stone, giving students exposure to the primary business disciplines and leading them toward other specialized business courses. The primary objective of the course is to encourage students with an interest in business through an exploration of the world of business. This course answers the questions of how and why businesses exist in an economy. Students will investigate topics such as communications, economic foundations, marketing and management principles, accounting and finance principles, human relations, and entrepreneurship. After completion of this course, students should have a firm understanding of how business concepts affect their lives as both workers and consumers in our economy. All students with an interest in business are welcome to enroll.

Credit earned in Introduction to Business may qualify a student for Articulation at Delta College-details and forms are available from the instructor. Credit earned in this course fulfills the career based learning requirement for graduation.

DESKTOP PUBLISHING

9, 10, 11, 12

Prerequisite: Credit Earned in CCC 1 or Technology I

This one-term course is designed for students who have either a personal or professional computer interest. Skills will be developed using popular Desktop Publishing software such as Adobe In-Design, Microsoft Publisher and Word. The course is designed to provide students with an introduction to the concepts of designing and planning a publication, defining and identifying a target audience, and effectively developing documents with the target audience in mind. Projects include business cards, brochures, newsletters, calendars and more. Students will learn how to re-size and edit graphics, enlarge text, and work with a variety of graphical images. Scanned documents will be edited and cropped, and special effects will be created. Students will learn the basics of good visual design and page layout. Students in the Business Pathway should take this course.

Credit earned in this course fulfills the career based learning requirement for graduation OR .5 credit of the technology requirement for graduation.

COMPUTER PROGRAMMING QBASIC (C++) (WHS ONLY)

9, 10, 11, 12

Prerequisite: Credit Earned in CCC 1 or Technology I

This one-term course in Q-Basic programming is designed primarily for students who are interested in a computer-related career. The course is designed to be exploratory and give students an idea of what is involved in computer science. Studies will include: constants, variables, expressions, inputting, outputting, looping, read/data/restore statements, if-then-else logic, for-next statements, graphics and sound programming. Students will develop application programs such as word processing, data processing, and video gaming applications.

Credit earned in this course will fulfill .5 credit of the technology requirement for graduation.

COMPUTER PROGRAMMING (C++) (WHS ONLY)**9, 10, 11, 12****Prerequisite: Credit Earned in Q-BASIC or Instructor's Approval**

This one-term course teaches and reinforces programming concepts. C++ is just one of the many programming languages in existence today. However, it is one of the most widely used languages and is the language used by many colleges in their computer science programs. The concepts and algorithms learned in C++ translate into any programming platform. It is highly suggested that students have the Q-BASIC programming first to become familiar with programming. As computer science becomes an increasingly lucrative and practical field of study, students in pursuit of any computer-related career should have a basic understanding of the programming work that goes into the software and applications they will be using.

Credit earned in this course will fulfill .5 credit of the computer requirement for graduation.

WORD & EXCEL ADVANCED**10, 11, 12****Prerequisite: Credit Earned in CCC 1 or Technology I**

This one-term course will reinforce and expand the concepts and techniques developed in Technology I. Word and Excel Advanced will offer Microsoft techniques to the student in Word and Excel. All students who are preparing for college are encouraged to enroll in this course. Students who are preparing to enter the work force after high school will benefit from the skills developed in this course. It is highly suggested that students in the Business Pathway take additional technology courses.

Credit earned in Word and Excel Advanced may qualify a student for Articulation at Delta College-details and forms are available from the instructor. Credit earned in this course fulfills .5 credit of the technology requirement for graduation.

POWERPOINT & ACCESS ADVANCED**10, 11, 12****Prerequisite: Credit Earned in CCC1 or Technology I**

This one-term course will reinforce and expand the concepts and techniques developed in Technology1. This course will offer advanced Microsoft techniques to the student in PowerPoint and Access. All students preparing for college or entering the work force after high school are encouraged to enroll in this course. It is highly suggested that students in the Business Pathway take additional technology courses.

Credit earned in PowerPoint and Access Advanced may qualify a student for Articulation at Delta College-details and forms are available from the instructor. Credit earned in this course fulfills .5 credit of the computer requirement for graduation.

BUSINESS & CONSUMER LAW**10, 11, 12**

This one-term course teaches basic law principles to help the student understand laws as applied to everyday living. Laws affect all students each day; and this course pertains to how individuals can help protect themselves in many situations. Court systems, criminal law, civil law, civil breaches of duty, consumer rights, responsibilities, requirements for contracts, and remedies for breach of contract are all covered. Topics are: sales contracts, landlord and tenant contracts, debtor and creditor contracts, commercial paper contracts, wills, property, and all the different types of insurances, including life, casualty, real property, personal property, and automobile. It is highly suggested that students in the Business Pathway take BUSINESS & CONSUMER Law.

SALES & MARKETING/MANAGEMENT**10, 11, 12**

This one-term course is designed to provide students an opportunity for practical experience and first-hand knowledge in Personal Sales & Marketing/Management. This course should be considered by any student planning to further their education in any field of business. The purpose of the course is to inspire and develop leadership ability, improve human-relation skills, and help students advance in their business career exploration. Units of study include: Marketing Foundations, Legal/Ethical Issues, Marketing Math, Business Etiquette and Personal Selling. Marketing & Management students are encouraged to participate in Co-op, as well as related business activities.

Credit earned in this course fulfills the career based learning requirement for graduation.

PROMOTION & ENTREPRENEURSHIP MARKETING**10, 11, 12**

This one-term course is designed to provide students an opportunity for practical experience and first-hand knowledge of Promotion & Entrepreneurship. This course should be considered by any student planning to further their education in any field of business. The purpose of the course is to inspire and develop leadership ability, improve human-relation skills, and help students advance in their business career exploration. Units of study include: Promotion, Advertising, Display, Entrepreneurship, and Buying for Resale. Marketing & Management students are encouraged to participate in Co-op, as well as related business activities.

Credit earned in this course fulfills the career based learning requirement for graduation.

RETAIL MARKETING**11, 12****Prerequisite: Approval of Instructor**

Retail Marketing is a repeatable one-term course designed to expand practical experience and first-hand knowledge of marketing, management, and entrepreneurship. The main focus of this course will be **MANAGEMENT & OPERATION OF THE SCHOOL STORE**. Students will be expected to complete "independent study" type assignments each marking period in addition to working in the school store. The purpose of the course is to inspire and develop leadership ability, improve human-relation skills, and help students advance in their career exploration. Marketing & Management students are encouraged to participate in Co-op, as well as related business activities.

This course IS repeatable.

Credit earned in this course fulfills the career based learning requirement for graduation.

SPORTS & ENTERTAINMENT MARKETING**10, 11, 12**

This course is offered in the Spring Term ONLY

This one-term course is designed to provide students an opportunity for experience and first-hand knowledge of the ever growing field of sports and entertainment marketing. The purpose of this course is to inspire and develop leadership abilities; improve human relation skills and help students advance in their career exploration. Sports and Entertainment units of study include: promotion, legal and ethical issues, and marketing plans. Marketing & Management students are encouraged to participate in Co-op, as well as related business activities.

Credit earned in this course fulfills the career based learning requirement for graduation.

WEB PAGE DESIGN

10, 11, 12

Prerequisite: Credit Earned in CCC1 or Technology I

This one-term course will provide students with an opportunity to develop techniques that will allow them to create, enhance, and manage web pages. Students will develop real world technology skills while engaging in problem solving and higher-level thinking. They will also develop an appreciation and understanding of issues such as privacy, ethics, responsibility, and liability. Students will begin the course by learning and understanding basic HTML code that is essential to web page development and understanding. After the students have a background and grasp of web page fundamentals, they will proceed to the development of web pages using a web page editor. This course will focus on proper techniques and concepts that are essential for the successful development of web pages and web sites.

This course IS repeatable for credit with Instructor's Approval.

Credit earned in this course fulfills .5 credit of the computer requirements for graduation AND the online experience.

ACCOUNTING 1 & 2

10, 11, 12

This two-term course is the study of debit and credit as it applies to the recording of transactions, posting to ledger accounts, studying trial balances, closing the ledger, and completing financial reports. Electronic accounting software will be introduced and used. Accounting analysis is used with the general journal and expanded journal. Bank reconciliation, petty cash funds, returns and allowances, payroll records, depreciation of assets and preparation of special journals are all covered in Accounting 1 & 2. Accounting is the universal language of business and personal records. All students planning on entering a business field, those pursuing their own business after high school, and those preparing for any type of business or professional career in college should enroll.

Credit earned in Accounting 1 & 2 may qualify a student for Articulation at various colleges-details and forms are available from the instructor. Credit earned in this course fulfills .5 credit per term of the senior year math related graduation requirement OR career based learning requirement for graduation.

ACCOUNTING 3

11, 12

Prerequisite: Credit Earned in Accounting 1 & 2

This one-term course is a continuation of Accounting 1 & 2, but on a more in depth and detailed basis. Accounting theory, analysis, and recommendation to management is emphasized. A minimum of four practice sets are used and computerized accounting skills are emphasized. A few of the subjects covered include:

- Departmental, branch, and payroll accounting
- Adjustments for depreciation, bad debts, accruals, and prepaids
- Partnership accounting
- Inventories and budget control
- Corporate accounting
- Tax accounting
- Cost Accounting
- Electronic accounting

Credit earned in Accounting 3 may qualify a student for Articulation at Davenport University-details and forms are available from the instructor. Credit earned in this course fulfills .5 credit per term of the senior year math related graduation requirement OR career based learning requirement for graduation.

PERSONAL FINANCE

11, 12

This one-term course is designed to prepare the student for financial decisions that they will encounter in the near future. All of you will need to make some very important decisions whether you go on to college or enter the workforce. You will need to decide where you want to go to school and how to pay for it, choose a career, interview for a job, budget your money, find an apartment to rent, buy a car, and file income taxes. By the end of this class, you will have the skills and knowledge necessary to make informed decisions in each area mentioned.

Credit earned in this course fulfills the .5 credit per term of the senior year math related graduation requirement OR career based learning requirement for graduation.

FINANCIAL MANAGEMENT

11, 12

This one-term course is designed to compliment Personal Finance. Upon completion of Financial Management, you will understand what is involved in buying a house or a car, how to wisely use credit, the importance of protecting yourself from identity theft, the many options for investing for retirement, different insurance policies you many need, maintaining a checkbook, various banking services provided by banks and credit unions, and the long term effects of bankruptcy.

Credit earned in this course fulfills the .5 credit per term of the senior year math related graduation requirement OR career based learning requirement for graduation.

CAREER OPPORTUNITIES

11, 12

Prerequisite: Approval of Counselor/Co-op Coordinator

Work experience in a specific field of career choice based on EDP.

This one-course is designed to expose high school students in grades 11 or 12 to the experience of working in a specific field of career choice. Students will receive .5 credits per term for a weekly commitment of a minimum of 4 hours at their work site. Students will apply each school year for the Career Opportunity program. Applications are available through the counseling office. Transportation to and from the site is the responsibility of the student. Career opportunity students are evaluated with a letter grade at the end of the term. In addition to a satisfactory job performance, all students are required to hand in a weekly time card signed by their supervisor.

This course IS repeatable for credit.

CO-OPERATIVE EDUCATION

12

Prerequisite: Must be accepted for the co-op program by the co-op education coordinator; 1 credit per term is granted for on-the-job training.

The co-operative education-training program is the joint effort of a school and a business to provide career education for a student in his/her field of interest. The program consists of on-the-job training during the school year and is related to a course taken during the school year. Four times during the school year, the student is evaluated by their supervisor to determine a letter grade. Students evaluated through this process will gain firsthand experience in the field of their interest and receive on the job training from knowledgeable people. We believe the co-op program is valuable for the student, the community and the businesses involved. Applications are available through the counseling office. Transportation to and from the site is the responsibility of the student. Career opportunity students are evaluated with a letter grade at the end of the term. In addition to a satisfactory job performance, all students are required to hand in a weekly time card signed by their supervisor.

This course fulfills the Career Based Learning requirement for graduation.

Prerequisite: Approval of Counselor/Co-op Coordinator

In this course, students will have the opportunity to explore careers primarily through a directed online Internet experience. The class will contain the following themes: Assessment of student's skills, interests, and other traits which can help students find careers that best fit them; Rights and Responsibilities of working teens as well as, health and safety guidelines; and Career Profiles of many occupations including related educational requirements and others resources.

This course IS repeatable.

ENGLISH

| <u>Course</u> | <u>Grades</u> |
|--|---------------|
| English Connections | 9 |
| English Literature & Composition | 9 |
| Honors English Literature & Composition | 9 |
| American Literature & Composition | 10 |
| Honors American Literature & Composition | 10 |
| British Literature & Composition | 11 |
| AP English Language & Composition | 11 |
| English 12 Options | |
| AP English Literature & Composition | 12 |
| Contemporary Literature & Film Studies or | 12 |
| New Voices/Novels | 12 |
| Adolescent Literature or | 12 |
| World Literature | 12 |
| Elective Courses | |
| Creative Writing | 10, 11, 12 |
| Introduction to Journalism (CHS) | 10, 11, 12 |
| Writing for Publication I | 10, 11, 12 |
| Writing for Publication II | 10, 11, 12 |
| Shakespeare Set Free | 10, 11, 12 |

ENGLISH CONNECTIONS

9

Prerequisite: Recommendation based on 8th grade district English evaluation form.

This one-term English Connections course offers students further studies in core literacy skills. Instruction includes continued assessment, diagnosis, monitoring of progress and intervention. The main goal of this course is to teach students how to apply literacy strategies across the curriculum to enhance all content area learning. READ 180 is a component of this course.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 elective credit graduation requirements.

ENGLISH LITERATURE & COMPOSITION

9

This required two-term English Literature and Composition course will introduce students to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Students will focus on written and verbal communication skills, language usage, and listening. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society.

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements.

HONORS ENGLISH LITERATURE & COMPOSITION

9

Prerequisite: Recommendation based on district English evaluation form. The completion of an assigned summer reading list may be required.

This two-term Honors English Literature and Composition is an accelerated course for the self-motivated learner. In ELC 9 Honors, students will be introduced to the various genre of classic and contemporary narrative and informational texts that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. Students will focus on written and verbal communication skills, language usage, and listening. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society.

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements.

AMERICAN LITERATURE AND COMPOSITION

10

This required two-term American Literature and Composition 10 course offers a thematic study of American literature to continue to build a solid foundation of knowledge and skills. In ALC 10, students will become increasingly skilled readers of works written in a variety of periods and genres, including various narrative and informational texts. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power, and to compose for a variety of purposes. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact.

Credit eared in this two-term course fulfills 1 credit of the English Language Arts graduation requirements.

HONORS AMERICAN LITERATURE AND COMPOSITION

10

Prerequisite: Successful completion of Honors Literature and Composition. Completion of an assigned summer reading list may be required.

This two-term American Literature and Composition 10 Honors accelerated course is for the self-motivated learner. ALC 10 Honors offers a thematic study of American literature to continue to build a solid foundation of strategies, knowledge, skills that will be refined, applied, and extended as students engage in more complex ideas, texts and tasks. In ALC 10 Honors, students will become increasingly skilled readers of works written in a variety of periods and genres, including various narrative and informational texts. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power, and to compose for a variety of purposes. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact.

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements.

BRITISH LITERATURE & COMPOSITION**11**

This required two-term British Literature and Composition 11 course continues to build a solid foundation of knowledge, skills and strategies. In BLC 11, students will add to the list of various genres of classic and contemporary narrative and informational texts with a special focus on British and World literature and ACT success. Eleventh grade students will connect with and respond to texts through transformational thinking. Students will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future.

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements.

AP ENGLISH LANGUAGE & COMPOSITION**11**

Prerequisite: Successful completion of Honors English 9 and Honors English 10

This three-term Advanced Placement English course is available to juniors who have excelled in English in the ninth and tenth grade Honors classes. This course will prepare students to take the College Board A.P. exam in language and composition. The class involves a comprehensive study of British literature and rhetoric. Literary analysis papers, a short research paper, and the reading of novels outside of class are required. In May students have the option of taking the College Board A.P. exam for college credit in English. This option is strongly recommended for all students enrolled in A.P. courses.

Credit earned in this three-term course fulfills 1 credit of the English Language Arts graduation requirements and .5 elective credit.

ENGLISH 12 OPTIONS

The goal for English 12 courses is to refine, apply, and extend the solid foundation of knowledge, skills, and strategies developed in English 9 through 11. Using the lens of leadership skills, English 12 courses will develop a world perspective by offering students the opportunity to analyze classic and contemporary texts in a variety of genre. Seniors will synthesize information, ideas, and themes to understand the past, the present, and to think innovatively about the future. They will identify and apply their own leadership skills and prepare for responsible action as American citizens in the context of a global world. Students may earn the 1.0 credit necessary to satisfy the English 12 requirement by selecting a combination of the following courses:

AP ENGLISH LITERATURE & COMPOSITION**12**

Prerequisite: Successful completion of AP Language and Composition and the completion of a summer reading assignment.

Advanced Placement English 12 is a three-term course that focuses on the analytical exploration of world literature. In addition to the texts, essays, research papers, and the reading of novels outside of the class are required. In May students have the option of taking the College Board A.P. exam for college credit in English. This option is strongly recommended for all students enrolled in A.P. courses.

Credit earned in this three-term course fulfills 1 credit of the required English Language Arts graduation requirements and .5 elective credit.

CONTEMPORARY LITERATURE & FILM STUDIES**12**

Prerequisite: Successful completion of English 11: British Literature

This one-term course will focus in various thematic units to include a variety of fiction and nonfiction text and films. Units of study are devised to meet Michigan's 12th grade dispositions and grade level expectations. Extensive writing and critical viewing skills will be expected. A research paper and multimedia presentation are required in this course.

Credit earned in this course fulfills .5 credits of the required English Language Arts graduation requirements.

NEW VOICES/NOVELS**12**

Prerequisite: Successful completion of English 11: British Literature

This one-term course provides students an opportunity to learn about their own heritage and the heritage of others. Through multicultural literature, students will read and discuss issues of poverty, prejudice, race, and ethnic pride. The main theme of this course is tolerance and diversity and the reading of these award-winning novels will challenge misconceptions and stereotypes, while allowing students to develop an awareness and understanding of other cultures. Topics include, but are not limited to, the Vietnam War, Civil Rights, and the Holocaust. A broad range of cultures will be studied with students utilizing various writing and problem-solving strategies.

Credit earned in this course fulfills .5 credit of the required English Language Arts graduation requirements.

ADOLESCENT LITERATURE**12**

Prerequisite: Successful completion of English 12: Contemporary Literature & Film Studies OR English 12: New Voices/Novels

This one-term course will offer an in-depth exploration of the genre of young adult literature. Students will read and research cross cultural themes such as: peer pressure, coming of age, and other adolescent issues. A special emphasis will be placed upon introspective writing.

Credit earned in this course fulfills .5 credit of the required English Language Arts graduation requirements.

WORLD LITERATURE**12**

Prerequisite: Successful completion of English 12: Contemporary Literature & Film Studies OR English 12: New Voices/Novels

World Literature is a one-term course for seniors. Within this course, students will examine leadership, with the goal that each student climbs toward realizing his/her individual potential as a leader. Stories and novels from multi-cultures such as West Africa, contemporary America, and Ancient Greece will be studied to access concepts of power and responsibility. In addition to the texts, essays, and other papers, the reading of novels outside the class is required.

Credit earned in this course fulfills .5 credits of the required English Language Arts graduation requirements.

CREATIVE WRITING**10, 11, 12**

Prerequisite: Successful completion of English 9

This one-term course is a study of methods of creative writing and development of style. Experience is provided in writing short stories, poetry and informal essays and assignments. The purpose of the course is to develop critical standards of literary judgment through recognition of effective techniques and styles and to express oneself in a creative manner.

This course is NOT repeatable for credit.

INTRODUCTION TO JOURNALISM (CHS ONLY)**10, 11, 12****Prerequisite: Completion of/or concurrent enrollment in American Literature & Composition**

This one-term course is a survey of the field of journalism with emphasis on writing techniques. The course is designed to promote proper news reading and to make the student aware of techniques in journalistic writing. The purpose and preparation of advertising, the mechanics of layout and typography, and the history of the press will be studied. This is highly recommended for all students planning journalism careers or planning to work on the school newspaper and yearbook. Introduction to Journalism can serve as a prerequisite for yearbook production.

This course is NOT repeatable for credit.

WRITING FOR PUBLICATION I**10, 11, 12**

The purpose of this three-term course is to improve writing skills and learn basic requirements of writing for publication. Students will receive instruction in market analysis and in interpreting specific editorial requirements, in gathering and researching background materials and in preparing manuscripts. They will examine various types and styles of published writing.

This course IS repeatable for credit. Credit earned in each term fulfills .5 elective credit OR .5 credit of the technology requirement.

WRITING FOR PUBLICATION II**10, 11, 12****Prerequisite: Application and Instructor's Approval required**

This three-term course concentrates on the process of publishing the yearbook. Students will develop nonfiction writing using proper conventions, mechanics, and self-reflection. They will learn to revise and proofread while demonstrating style, variety, fluency and flow for a public audience. They will learn to examine their own writing, demonstrate problem solving through marketing and selling advertising, and participate collaboratively while learning design layout. This course is deadline driven and offers experience in publishing. Students will learn to use Online Design, CS2, Photo shop, and Excel.

This course IS repeatable for credit. Credit earned in three terms of this course fulfills .5 credit of the required English Language Arts graduation requirements OR credit earned in each term fulfills .5 credit of the technology requirements for graduation OR the Career Based learning requirements for graduation

SHAKESPEARE SET FREE**10, 11, 12**

This one-term course is an in-depth study of Shakespearean tragedy, comedy, and history. Study will include an appreciation for staging and performance, as well as the enriched language and recurring motifs that make these plays timeless and relevant. Examples might include *Midsummer Night's Dream*, *Macbeth*, *Twelfth Night*, *Henry V*, and *Othello*.

This course IS repeatable for credit.

FAMILY & CONSUMER SCIENCE (FACS)

| <u>Course</u> | <u>Grades</u> |
|---------------------------------|---------------|
| Foods & Nutrition 1 | 9, 10, 11, 12 |
| Foods & Nutrition 2 | 9, 10, 11, 12 |
| Culinary Arts (CHS) | 9, 10, 11, 12 |
| Beginning Sewing | 9, 10, 11, 12 |
| Living Well (CHS) | 9, 10, 11, 12 |
| Interior Design (WHS) | 9, 10, 11, 12 |
| Human Development | 10, 11, 12 |
| Consumer Money | 11, 12 |
| Independent Living Skills (WHS) | 11, 12 |
| Preschool (WHS) | 11, 12 |

FOODS & NUTRITION 1**9, 10, 11, 12**

In this one-term course you will learn how to: read and follow a recipe, mealtime etiquette and customs, safety and sanitation in the kitchen, measurement techniques, various cooking techniques, guidelines for preparing healthy, nutritious meals, time management skills, teamwork and how good nutrition affects athletes' energy and performance levels, manage health conditions and eating disorders, weight management and exercise techniques, and how to get the most nutrition for your money. Knowledge of food preparation may help you to perform more efficiently in the fast food job you now have, help you to obtain part-time employment in a food related business, or prepare you for a lifelong career in the food service industry.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills the Career Based learning requirements for graduation.

FOODS & NUTRITION 2**9, 10, 11, 12****Prerequisite: Credit earned in Foods & Nutrition 1**

In this one-term course students continue their development of increasingly difficult food preparation techniques and apply knowledge of good nutrition. The selection of meat and its preparation is presented. Knowledge of yeast breads is applied when making rolls and pizza crust. Kitchen groups research foreign foods and each group prepares a recipe from a foreign country to share with classmates. Basic microwave-cooking techniques are explored and applied in the kitchen lab.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills the Career Based learning requirements for graduation.

CULINARY ARTS (CHS ONLY)**9, 10, 11, 12****Prerequisite: Credit earned in Foods & Nutrition I**

This one-term course will expose students to business related food preparation and management. Students will expand their ability to use and maintain equipment as it applies to the workplace. They will work cooperatively with people of diverse backgrounds as they experience team building skills in food production. In the pastry unit, students develop cake decorating skills. This new skill is applied when they decorate their own cake for a class competition. The business unit will emphasize the economic side of commercial food production as well as commercial sanitation standards, basic principles of buying, preparing and serving foods. In this unit, students operate a short order restaurant and become entrepreneurs by creating a small food business. A field trip may take place to a local restaurant.

This course is NOT repeatable for credit. Credit earned in this one term course fulfills the Career Based learning requirements for graduation.

BEGINNING SEWING**9, 10, 11, 12**

This one-term course will teach students the basics of operating a sewing machine and the use of various sewing tools. Students will create projects in order to experience basic sewing skills. Students will learn to read and follow pattern directions to complete PJ bottoms for themselves. In addition they will learn basic hand sewing skills and simple alteration techniques such as hemming, buttons, snaps and hook/eye fasteners. Students will compile sewing samples, which will include various seam finishes. Students will be asked to supply their own fabric and sewing supplies.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills the Career Based learning requirements for graduation.

LIVING WELL (CHS ONLY)**9, 10, 11, 12**

In this one-term course students will demonstrate skills in adult, infant, and child CPR, and first aid. Students will be encouraged to develop and practice good personal health habits. Topics include stress management, disease prevention and control, inherited disease, aging, signs and symptoms of illness, prevention of and treatment of substance abuse and diabetes. Other emphases are dietary fads and problems, nutrition, and safety precautions.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills the Career Based learning requirements for graduation.

INTERIOR DESIGN (WHS ONLY)**9, 10, 11, 12**

This one-term course addresses selecting and planning living environments that meet the needs and wants of individuals, groups and families. The project-based approach for this course utilizes problem solving and communication skills. Topics will include housing styles, developing scaled floor plans, estimating construction and decorating materials, working within budget considerations, creating two and three point perspective drawings, three dimensional model making, utilizing the elements and principles of design and creating aesthetic environments for clients. Basic, concrete applications of mathematical proficiencies in projects are encouraged.

This course is NOT repeatable for credit. This course fulfills the Career Based Learning requirement for graduation OR credit earned in this one-term course fulfills .5 credit for the senior year math graduation requirements.

HUMAN DEVELOPMENT**10, 11, 12****(Offered in the Fall term ONLY at WHS)****Prerequisite: 10th graders need Instructor's permission**

This one-term course is excellent for human services careers. This course deals with children from newborn through 4 years old. Students are assigned to take home the computerized baby for one night during the term. This activity makes the responsibility of having a child (only for 24 hours) become real. Areas of study include: the developmental stages (mental, physical, social, and emotional), influence of caregivers, parents, and grandparents on children, heredity and environmental influences on prenatal care of children and careers and community agencies effects on children.

CHS ONLY Students will invite children and their parents into class for a "Little Person Lab". Students observe development first hand, plan an activity connected with the child's ability and apply their plan. Following this activity the class conducts a Q & A period with the parents allowing the students to gain valuable information concerning actual parenting roles.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills the Career Based learning requirements for graduation.

CONSUMER MONEY**11, 12**

This one-term course is designed to give students a basic understanding of consumer economic principles. Students learn skills to manage their money now and in the future. Money management topics include: saving, credit life, health and car insurance, budgeting, record keeping, taxes and investment. Survival skills concerning the purchase of cars, apartments, homes, clothing, food, home furnishings, grooming aids and health care products are presented. Career exploration and job skills are discussed since consumers must earn money to support the quality of their life styles.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the senior year math graduation requirement OR the Career Based learning requirements for graduation.

INDEPENDENT LIVING SKILLS (WHS ONLY)**11, 12**

This one-term course covers a variety of topics essential to living on your own. Topics include: biographical review and personality assessment, careers, resume and interview, balancing checkbooks, credit cards, budgeting, investing and taxes, insurance (life, health, auto), basic clothing care, simple meal planning and renting/buying or cohabitating apartments/homes.

This course is NOT repeatable for credit. Credit earned in this one-term course fulfills the Career Based learning requirements for graduation.

PRE-SCHOOL (WHS ONLY)**11, 12****(Offered Winter and Spring terms ONLY)****Prerequisite: Credit earned in Human Development and Instructor's approval****Note: The program is licensed by the State of Michigan and will require a physical exam, TB test and Children's Protective Services release.**

This two-block, two-term course is a great course for any student who plans a "people" centered career such as education, social work, medicine or youth ministry. Both guy and gals can learn in-depth skills to qualify for a career working with children. You will actually set up, organize and manage a preschool for 2 ½- 5 year old children.

Included are the following experiences:

1. Planning and leading activities in art, science/sensory, small motor, large motor, dramatic play, story time, language and games.
2. Discovering job opportunities related to children.
3. Developing the skills to work with children in large and small groups.
4. Understanding and seeing how children learn and grow.
5. Talking with parents as we work together to help their children develop.

This course IS repeatable for credit with Instructor's permission. Credit earned in this two-term course fulfills the Career Based learning requirements for graduation.

FOREIGN LANGUAGE

| <u>Course</u> | <u>Grades</u> |
|--------------------------|---------------|
| French 1 | 9, 10, 11, 12 |
| French 2 | 9, 10, 11, 12 |
| French 3 | 10, 11, 12 |
| French 4 & 5 | 11, 12 |
| German 1 | 9, 10, 11, 12 |
| German 2 | 9, 10, 11, 12 |
| German 3 | 10,11,12 |
| German 4 & 5 | 11, 12 |
| Mandarin Chinese 1 | 9, 10, 11, 12 |
| Mandarin Chinese 2 | 9, 10, 11, 12 |
| Mandarin Chinese 3 (WHS) | 10, 11, 12 |
| Spanish 1 | 9, 10, 11, 12 |
| Spanish 2 | 9, 10, 11, 12 |
| Spanish 3 | 10, 11, 12 |
| Spanish 4 & 5 | 11, 12 |

**Foreign Language course fulfill career elective requirements in all pathways.*

FRENCH 1

9, 10, 11, 12

In this two-term course, students begin to develop the four communication skills of French. Students will learn to speak and understand French. Listening and oral proficiency are stressed, but reading and writing are included as well. French culture is interwoven into the curriculum using text, films, and authentic materials. By the end of the course, students will have basic survival communication skills. Students will also be able to identify the important French holidays and explain how they are celebrated. Students will be able to name countries and bodies of water bordering France along with the main mountains and rivers of France.

FRENCH 2

9, 10, 11, 12

Prerequisite: Credit earned in French 1

This two-term course is a continuation of French I. Students will increase their knowledge of speaking and understanding French, however more reading and writing will be stressed. French culture is interwoven into the curriculum. By the end of this course, students will have a good command of communication skills in French. Students are expected to use the language as much as possible. Students will also be able to identify the names of Francophone countries and French overseas departments along with the location of major French cities.

FRENCH 3

10, 11, 12

Prerequisite: Credit earned in French 2

In this two-term course both third and fourth year French students attend the same course and will be expected to work independently at times as activities and lessons differ. Students will increase their knowledge of speaking and understanding French. Listening and oral proficiency are practiced on a daily basis, but reading and writing are now the primary focus. French culture is interwoven into the curriculum. By the end of this course, students will have a good command of communication skills in French as well as proficient skills in reading and writing. They will also be able to identify famous French regions, their products and customs. Fourth year students will begin an introduction of French art and literature.

FRENCH 4 & 5

11, 12

Prerequisite: Credit earned in French 3

This two-term course will prepare students for college level French and college placement exams. Intense speaking, reading, listening, and writing exercises are expected. Students will also get an overview of notable Francophone authors and literature. A review of all grammatical concepts from French 1 through 3 is also included.

This course IS repeatable for credit.

GERMAN 1

9, 10, 11, 12

Prerequisite: None

In this two-term course, students begin to develop the four communication skills of German. Students will learn to speak and understand German. Listening and oral proficiency are stressed, but reading and writing are included as well. German culture is interwoven into the curriculum using text, films, and authentic materials. By the end of the course, students will have basic survival communication skills. Students will study the German states and important geographic elements of the country.

GERMAN 2

9, 10, 11, 12

Prerequisite: Credit earned in German 1

This two-term course is a continuation of German I. Students will increase their knowledge of speaking and understanding German, however more reading and writing will be stressed. German culture is interwoven into the curriculum. By the end of this course, students will have a good command of communication skills in German. Students are expected to use the language as much as possible. A study of the culture of Germany, Austria, and Switzerland is included.

GERMAN 3

10, 11, 12

Prerequisite: Credit earned in German 2

In this two-term course both third and fourth year German students attend the same course and will be expected to work independently at times as activities and lessons differ. Speaking, reading and writing are stressed in Advanced German. Grammar is studied more intensively. Through the use of supplementary reading materials, German culture and literature are studied. Both levels aim at increasing the students' vocabulary and attaining a higher proficiency in German.

GERMAN 4 & 5

11, 12

Prerequisite: Credit earned in German 3

This two-term course will prepare students for college level German and college placement exams. Intense speaking, reading, listening, and writing exercises are expected. Students will also get an overview of notable German authors and literature. A review of all grammatical concepts from German 1 through 3 is also included.

This course IS repeatable for credit.

MANDARIN CHINESE 1**9, 10, 11, 12**

In this two-term course, students begin to develop the four communication skills of Mandarin Chinese. Students will learn to speak and understand Mandarin Chinese. Listening and oral proficiency are stressed, but reading and writing are included as well. Mandarin Chinese culture is interwoven into the curriculum using text, films, websites, and authentic materials. By the end of the course, students will have basic survival communication skills. Students will also learn the significant holidays that are celebrated in Taiwan and/or China. Students will be able to identify the name and the location of major cities and historical sites in both Taiwan and China.

MANDARIN CHINESE 2**9, 10, 11, 12****Prerequisite: Credit earned in Mandarin Chinese 1**

This two-term course is a continuation of Mandarin Chinese 1. Students will increase their knowledge of speaking and understanding Mandarin Chinese, however more reading and writing will be stressed. The Chinese culture is interwoven into the curriculum. By the end of this course, students will have a good command of communication skills in Mandarin Chinese.

MANDARIN CHINESE 3 (WHS ONLY)**10, 11, 12****Prerequisite: Credit earned in Mandarin Chinese 2**

This two-term course will prepare students for college level Mandarin Chinese and college placement exams. Intense speaking, reading, listening, and writing exercises are expected. A review of all grammatical concepts from Mandarin Chinese 1 and 2 is also included.

SPANISH 1**9, 10, 11, 12**

In this two-term course, students begin to develop the four communication skills of Spanish. Students will learn to speak and understand Spanish. Listening and oral proficiency are stressed, but reading and writing are included as well. Spanish culture is interwoven into the curriculum using text, films, and authentic materials. By the end of this course, students will have basic survival communication skills. A unit of study on chosen Hispanic country is also included.

SPANISH 2**9, 10, 11, 12****Prerequisite: Credit earned in Spanish 1**

This two-term course is a continuation of Spanish I. Students will increase their knowledge of speaking and understanding Spanish; however, more reading and writing will be stressed. Hispanic culture is interwoven into the curriculum. By the end of the course, students will have a good command of the communication skills in Spanish. Students are expected to use the language as much as possible. Students will also be able to identify the names of Spanish-speaking countries and their major cities.

SPANISH 3**10, 11, 12****Prerequisite: Credit earned in Spanish 2**

In this two-term course students increase the mastery of Spanish vocabulary and grammar. More composition and oral exercises are expected. Also, students are exposed to longer and more complicated reading and writing assignments. The course is taught in Spanish as much as possible. An introduction to reading short stories, poetry and the works of major Hispanic authors is also included. This is designed to prepare students for advanced college-level Spanish courses.

SPANISH 4 & 5**11, 12****Prerequisite: Credit earned in Spanish 3**

This two-term course will prepare students for college level Spanish and college placement exams. Intense speaking, reading, listening, and writing exercises are expected. Students will also get an overview of notable Hispanic authors and literature. A review of all grammatical concepts from Spanish 1 through 3 is also included.

This course IS repeatable for credit.

INDUSTRIAL TECHNOLOGY EDUCATION (APPLIED ARTS)

| <u>Course</u> | <u>Grades</u> |
|-----------------------------------|---------------|
| Drafting, Design, & CAD | 9, 10, 11, 12 |
| Mechanical Design & CAD | 9, 10, 11, 12 |
| Architectural Design & CAD | 9, 10, 11, 12 |
| Engineering Graphics | 9, 10, 11, 12 |
| Technology Exploration (WHS) | 9, 10, 11, 12 |
| Exploratory Woodworking | 9, 10, 11, 12 |
| Modern Furniture Design | 9, 10, 11, 12 |
| Carpentry & Building Construction | 10, 11, 12 |
| Introduction to Welding | 9, 10, 11, 12 |
| Welding & Fabrication | 9, 10, 11, 12 |
| Car Care | 9, 10, 11, 12 |
| Small Engines | 9, 10, 11, 12 |
| Small Engine Service | 9, 10, 11, 12 |
| Automotive Service | 10, 11, 12 |
| Advanced Automotive Service | 11, 12 |

DRAFTING, DESIGN, & CAD**9, 10, 11, 12**

This one-term course is for students with interests in product design, mechanical design, architectural design, civil engineering, engineering graphics, other engineering fields, apprenticeships, and skilled trades. Students will learn the basics on how to sketch, draft, draw using CAD and recognize information related to engineering, architecture and manufacturing. This course is required in many college-engineering programs and skilled trades' apprenticeships. This course is a prerequisite to Mechanical Design, Architectural Design, and Engineering Graphics.

Credit earned in this one-term course fulfills .5 credit of the Visual/Performing/Applied Arts graduation requirements OR the elective technology requirement for graduation OR the Career Based learning requirements for graduation. Credit earned in Drafting, Design, CAD, and Mechanical Design and CAD may qualify a student for Articulation credits at Delta College. Details and forms are available from the instructor.

MECHANICAL DESIGN & CAD

9, 10, 11, 12

Prerequisite: Credit earned in Drafting, Design and CAD or Instructor's approval

This one-term course concentrates on developing skills related to engineering, mechanical drawing or design. Students will draw, create, and recognize information related to manufacturing. They will learn the process of designing and drawing products, parts, and machines.

This course IS repeatable for credit. Credit earned in this course fulfills .5 Senior Math related credit per term OR .5 credit of the Visual/Performing/Applied Arts graduation requirements OR the elective technology requirement for graduation OR the Career Based learning requirements for graduation. Credit earned in Drafting, Design, CAD, and Mechanical Design and CAD may qualify a student for Articulation credits at Delta College. Details and forms are available from the instructor.

ARCHITECTURAL DESIGN & CAD

9, 10, 11, 12

Prerequisite: Credit earned in Drafting, Design and CAD or Instructor's approval

This one-term course is for those students interested in careers or gaining knowledge related to architecture, construction, civil engineering, and interior design. Students will draw, create, and recognize information about architectural plans, lettering and symbols. They will learn the process of designing rooms, houses, buildings, and land development. Sketching, CAD programs, traditional drafting equipment, and 3D animation software will create parts of Architectural plans.

This course IS repeatable for credit. Credit earned in this course fulfills .5 Senior Math related credit per term OR .5 credit of the Visual/Performing/Applied Arts graduation requirements OR the technology elective requirement for graduation OR the Career Based learning requirements for graduation.

ENGINEERING GRAPHICS

9, 10, 11, 12

Prerequisite: Credit earned in Drafting, Design and CAD or Instructor's approval

This one-term course is for those students who want to continue developing skills learned in previous design courses. Students may use 3D animation, visualization, solid modeling, architectural, and mechanical design software to create quality drawings and animations.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual/Performing/Applied Arts graduation requirements OR the technology elective requirement for graduation OR the Career Based learning requirements for graduation.

TECHNOLOGY EXPLORATIONS (WHS ONLY)

9, 10, 11, 12

This one-term course is a hands-on engineering and problem solving course. Each 3-5 week unit includes problem solving methods, technical writing, research, computer usage, simulations, safety, tools, materials, and processes. Possible units are mousetrap vehicles, model rocketry, balsa towers, tug of war boats, Co2 cars, paper bridges, household electricity, appliance repair, and water rockets.

This course IS repeatable for credit. Credit earned in this course fulfills the Career Based learning requirements for graduation.

EXPLORATORY WOODWORKING

9, 10, 11, 12

This one-term course is designed to provide students with the opportunity to gain basic hands-on skills in the operation of woodworking machines as well as basic principles of wood identification, various types of joinery, basic finishing, fastening and other career related fields. Presentation and hands-on implementation of more advanced hand tool processes and technique are emphasized. **Safety glasses are required by student.**

**A material fee is required prior to beginning project construction and final payment must be received before project leaves classroom. Credit earned in this course fulfills the Career Based Learning requirements for graduation OR .5 credit of the Visual/Performing/Applied Arts graduation requirements.*

MODERN FURNITURE & DESIGN

9, 10, 11, 12

Prerequisite: Credit earned in Exploratory Woodworking or Instructor's approval

In this one-term course emphasis is placed on attaining proficiency in the use of woodworking tools, both hand and electrical types, as their use applies to the craftsmanship of a wide varieties of cabinetry, carvings, and functional furniture. Greater attention is paid to workmanship and detail. Recommended skills for this course are basic math and mechanical drawing. **Safety glasses are required by student.**

**A material fee is required prior to beginning project construction and final payment must be received before project leaves classroom. This course IS repeatable for credit.*

Credit earned in this course fulfills .5 Senior Math related credit per term OR the Career Based learning OR .5 credit of the Visual/Performing/Applied Arts graduation requirements.

CARPENTRY & BUILDING CONSTRUCTION

10, 11, 12

Prerequisite: Credit earned in Exploratory Woodworking or Instructor's approval

This one-term course will provide students with the skills to do quality light frame construction; including site preparation and layout; foundations; framing; sheathing; roofing; windows and doors; exterior finish and interior wall, floor and ceiling finish. Special emphasis is placed on the use of modern tools, materials, and prefabricated components, along with basic blue print reading symbols; application of interior trim and the construction of stairs and cabinetwork. Students are encouraged to develop or bring in plans for sheds, barns or other light frame construction projects. This course may be repeated for additional credit to a maximum of two years. **Safety Glasses are required by student.**

If interested in career path, students could then proceed to Career Center under Building Trades. ***A fee is required to begin construction of the models.**

This course IS repeatable for credit. Credit earned in this course fulfills the Career Based learning requirements OR .5 credit of the Visual/Performing/Applied Arts graduation requirements.

INTRODUCTION TO WELDING

9, 10, 11, 12

This one-term course is exploratory in nature and gives students an opportunity to determine their interest level in welding. It allows students to experience both arc and oxy-acetylene welding in the flat position. Some theory will be included in the course; however, most of the time will be spent in the laboratory. **Safety Glasses are required by student.**

Credit earned in this course fulfills the Career Based Learning requirements for graduation OR .5 credit of the Visual/Performing/Applied Arts graduation requirements.

WELDING & FABRICATION

9, 10, 11, 12

Prerequisite: Credit earned in Introduction to Welding or Instructor's approval

This one-term course is for students interested in welding as a trade or interested in other trade areas where welding is incidental to that trade. Students will further their experience in arc, and oxy-acetylene welding. They will also be introduced to MIG and TIG welding. Exercises of various weld joints are used to develop skills in all four welding positions: flat, horizontal, vertical and overhead. Design and construction of projects is highly encouraged. Students at WHS will also be exposed to Basic Machining such as engine lathes and vertical mills. **Safety Glasses are required by student.**

This course IS repeatable for credit. Credit earned in this course fulfills the Career Based learning requirements OR .5 credit of the Visual/Performing/Applied Arts for graduation requirements.

CAR CARE

9, 10, 11, 12

This one-term course is designed for students to understand the importance of maintaining and servicing automobiles. Major topics studied will include buying and selling vehicles, minor repairs, and preventative maintenance.

This course is NOT repeatable for credit.

SMALL ENGINES

9, 10, 11, 12

This one-term course is designed to give the student an understanding of 2 and 4 cycle small gasoline engines. Basic tool and part identification, construction, operation and methods of repair will be stressed. Group lab projects are a major contribution to the learning process in this course. **Safety glasses are required by the student.**

This course is NOT repeatable for credit. Credit earned in this course fulfills the Career Based learning requirements for graduation.

SMALL ENGINE SERVICE

9, 10, 11, 12

Prerequisite: Credit earned in Introduction to Small Engines or Instructor's approval

This one-term course will provide students with skills and knowledge necessary to maintain and repair the complicated small engines found in snowmobiles, motorcycles, chain saws, and lawnmowers. Students will be allowed to bring in personal engines for trouble-shooting and repair. **Safety glasses are required by the student.**

This course IS repeatable for credit. Credit earned in this course fulfills the Career Based learning requirements for graduation.

AUTOMOTIVE SERVICE

10, 11, 12

Prerequisite: Credit earned in Small Engines, Small Engine Service, Car Care, or Instructor's Approval

In this three-term, two-block NATEF certified vocational course students will study the basic principles of automotive repair, construction, operation, lubrication, maintenance, troubleshooting, service, and repairing brake systems. Students will apply theory and practical experience in diagnosing, adjusting, and servicing brakes on a customer's vehicle. Students will study automotive service careers, safety, tools, materials, supplies, and minor services.

ASE certification and state mechanic certification will be stressed. Students taking this course spend much of their time gaining practical experience doing maintenance and repair operations on customer's vehicles. Students will have the opportunity to use this course for college credit with many articulated schools. **Safety glasses are required by the student.**

Credit earned in this three-term course fulfills the 1.0 Senior Math related credit OR .5 credit each term of Visual/Performing/Applied Arts OR Career Based learning requirements AND the online requirement for graduation. *After successful completion of the automotive service program students may earn Articulation credit with Delta College. Also CHS students may also earn articulation credit from Ferris State University, Baker College, Nashville Auto-Diesel College, and University of Northwest Ohio.

ADVANCED AUTOMOTIVE SERVICE

11, 12

Prerequisite: Credit earned in Automotive Service or Instructor's approval

This three-term, two-block NATEF certified vocational course is for students who have been successful in Automotive Service and have decided to follow automotive services as a career. Much emphasis will be directed towards A.S.E. and State of Michigan Certification. A review of Automotive Service will be followed by a minimum of 230 hours in electrical/electronic systems. Students taking this course will spend most of their time gaining practical experience doing maintenance and repair operations on customer vehicles giving them exposure to school-to-work, work experience, co-op and employable skills. **Safety glasses are required by student.**

*This course is repeatable for credit. Credit earned in this three-term course fulfills the 1.0 Senior Math related credit OR .5 credit each term of Visual/Performing/Applied Arts OR Career Based learning requirements AND the online requirement for graduation. *After successful completion of the automotive service program students may earn Articulation credit with Delta College. Also CHS students may also earn articulation credit from Ferris State University, Baker College, Nashville Auto-Diesel College, and University of Northwest Ohio.*

LIFELONG WELLNESS

| <u>Course</u> | <u>Grades</u> |
|--|---------------|
| Health* | 9, 10, 11, 12 |
| Physical Education Level 1* | 9, 10, 11, 12 |
| Physical Fitness Level 2 | 9, 10, 11, 12 |
| Team Sports Level 2 | 9, 10, 11, 12 |
| Aerobics / Dance Level 2 | 9, 10, 11, 12 |
| Individual Sports Level 2 | 9, 10, 11, 12 |
| Women's Fitness Level 2 (WHS) | 10, 11, 12 |
| Men's Fitness Level 2 (WHS) | 10, 11, 12 |
| Lifeguarding / Advanced Swimming 2 (CHS) | 10, 11, 12 |

*These requirements are best completed in 9th grade.

HEALTH**9, 10, 11, 12**

This one-term course will acquaint students with current health issues in regards to their own personal lifestyle. This course will provide opportunities for students to develop and build attitudes and decision-making skills that will affect their personal health. This course uses the Michigan Health Model in physical activity, nutrition, tobacco, drugs, alcohol, violence prevention, gambling, AIDS/disease awareness, and character education.

This course IS required. Credit earned in this course fulfills .5 credit of the Lifelong Wellness requirements.

PHYSICAL EDUCATION LEVEL 1**9, 10, 11, 12**

This one-term course is designed to provide students with a general overview of a variety of Physical Educational experiences, including individual, team, aquatic, recreational and fitness activities. Participation in these activities will help students gain knowledge and rules of the sport, build individual confidence and self esteem, help them to develop strategies in order to work cooperatively with team-mates, gain an understanding of lifetime health habits, ingrain safety procedures, and increase their own personal fitness level. Students are expected to dress and participate for every unit on a daily basis. One of the roles of Physical Education is to develop an awareness and motivation for a lifetime of healthy activities.

This course IS required. Credit earned in this course fulfills .5 credit of the Lifelong Wellness requirements.

PHYSICAL FITNESS LEVEL 2**9, 10, 11, 12**

Prerequisite: Credit earned in Physical Education Level 1.

This one-term course is designed for students who want to measure and improve their level of fitness. Personal fitness programs may be developed to help students meet their goals, which may include weight gain, weight loss, posture improvement, increasing strength, endurance and/or flexibility. Activities in physical fitness may include weight lifting, jogging, aerobics, calisthenics, interval training, plyometrics, etc.

This course IS repeatable for credit.

TEAM SPORTS LEVEL 2**9, 10, 11, 12**

Prerequisite: Credit earned in Physical Education Level 1.

Team Sports is a one-term course designed to develop team play and cooperation to a higher degree while in the physical education setting. Emphasis will be placed on sportsmanship, team strategies, safety procedures and rules of team related games. Activities may include baseball, basketball, badminton, flicker ball, floor hockey, swimming, tennis, volleyball, or any other team sport where equipment and space are available.

This course IS repeatable for credit.

AEROBICS/DANCE LEVEL 2**9, 10, 11, 12**

Prerequisite: Credit earned in Physical Education Level 1.

This one-term course is designed for students who would like to work out with music doing aerobic-type activities that may include: aerobic dance, water aerobics, walking, weight lifting, step aerobics, Tae Bo, kickboxing, rollerblading, line dancing, traditional dance, and other physical fitness activities. Students may keep individual charts in relation to heart rate, weight control and flexibility.

This course IS repeatable for credit.

INDIVIDUAL SPORTS LEVEL 2**9, 10, 11, 12**

Prerequisite: Credit earned in Physical Education Level 1.

The activities in this one-term course may include tennis, golf, badminton, archery, skiing, fishing, bowling, camping, canoeing, cross-country skiing, down-hill skiing, fitness, Frisbee, hiking, ice skating, in-line skating, kayaking, pickle ball, horseshoes, etc. Students can hopefully develop a desire for an activity that will enable them to lead a healthy, active and productive life. *A minimal fee will be required for participation in some activities.*

This course IS repeatable for credit.

WOMEN'S FITNESS LEVEL 2 (WHS)**10, 11, 12**

Offered Fall term ONLY.

Prerequisite: Credit earned in Physical Education Level 1.

This one-term course is designed specifically for both the female athlete and non-athlete. Emphasis will be placed on weight lifting, flexibility, and overall conditioning. Personal fitness programs will be developed to meet individual needs.

This course IS repeatable for credit.

MEN'S FITNESS LEVEL 2 - (WHS)**10, 11, 12**

Offered Winter and Spring terms ONLY.

Prerequisite: Credit earned in Physical Education Level 1.

This one-term course is designed to develop athletic conditioning, cardiovascular endurance, weight lifting, flexibility and skills necessary for an athlete to compete at the varsity level of competition.

This course IS repeatable for credit.

LIFEGUARDING/ADVANCED SWIMMING LEVEL 2 (CHS ONLY)**10, 11, 12**

Offered Winter term ONLY

Prerequisite: Credit earned in Physical Education Level 1 with successful completion of Red Cross Level 4.

This one-term course will focus on certification for lifeguarding, community first aid and safety, and CPR for the Professional Rescuer. Advanced skills in swimming will also be covered. Students entering this course will need the ability to complete the following skills: 200 yards of Front Crawl (Freestyle); 200 yards of Back Crawl; Combined 100 yards of Elementary Backstroke, Breaststroke, and Sidestroke; Ability to tread water for 5 minutes and retrieve a 10 pound brick from the bottom of the pool.

***A material fee of approximately \$50 is required prior to the beginning of this course.**

American Red Cross requires students to be 15 years of age or older prior to completion of this course. This course IS repeatable for credit. Credit earned in this course fulfills the Career Based learning requirements for graduation.

MATHEMATICS

| <u>Course</u> | <u>Grades</u> |
|---------------------------------------|---------------|
| Math Connections | 9 |
| Algebra I | 9, 10, 11, 12 |
| Algebra I (three terms) | 9, 10, 11, 12 |
| Honors Algebra I | 9 |
| Geometry | 9, 10, 11, 12 |
| Geometry (three terms) | 9, 10, 11, 12 |
| Honors Geometry | 9, 10 |
| Algebra II | 9, 10, 11, 12 |
| Algebra II (four terms) | 9, 10, 11, 12 |
| Applications of Mathematical Concepts | 10, 11, 12 |
| Probability & Statistics | 10, 11, 12 |
| Trigonometry | 10, 11, 12 |
| Pre Calculus | 10, 11, 12 |
| AP Calculus | 11, 12 |

MATH CONNECTIONS

9

Prerequisite: Recommendation based on 8th Grade district Math evaluation form.

This one-term course is designed to develop strong mathematical reasoning skills necessary to be successful in Algebra I. Concepts will include, but are not limited to, fractions and decimals as they relate to solving algebraic equations or inequalities, exponents, scientific notation, ratios, proportions, and percents.

Credit earned in this course fulfills .5 credits of the Math requirements for graduation up to 2 terms.

ALGEBRA I

9, 10, 11, 12

This two-term course will cover the basic language rules of algebra including algebraic expressions, solving and graphing linear and quadratic equations and inequalities, and exploring polynomials. Additional concepts include, but are not limited to, using real numbers, exponents, radical expressions, and functions.

Credit earned in this two-term course fulfills 1 credit of the Math requirements for graduation.

ALGEBRA I (three-terms)

9, 10, 11, 12

Prerequisite: Recommendation based on district Math evaluation form.

This three-term course will cover the basic language rules of algebra including algebraic expressions, solving and graphing linear and quadratic equations and inequalities, and exploring polynomials. Additional concepts include, but are not limited to, using real numbers, exponents, radical expressions, and functions.

Credit earned in this three-term course fulfills 1 credit of the Math requirements for graduation AND .5 elective credit.

HONORS ALGEBRA I

9

Prerequisite: District Math Evaluation 8th grade form

This two-term course covers the topics of Algebra I and will progress at a greater depth, at an accelerated pace and include more in-depth instruction of concepts. Algebra I cover the basic language rules of algebra including algebraic expressions, solving and graphing linear and quadratic equations and inequalities, and exploring polynomials. Additional concepts include, but are not limited to, using real numbers, exponents, radical expressions, and functions.

Credit earned in this two-term course fulfills 1 credit of the Math requirements for graduation.

GEOMETRY

9, 10, 11, 12

Prerequisite: Credit earned in Algebra I

This two-term course will cover the basic concepts of Geometry, logic, and proof through the presentation and development of postulates, definitions, and theorems. Previous Algebra skills are integrated with the solving of geometric problems. Included are topics of points, lines, planes, and solids. Additional concepts include, but are not limited to, measurement, congruency, similarity, coordinate geometry, and introduction to trigonometry and related topics.

Credit earned in this two-term course fulfills 1 credit of the Math requirements for graduation.

GEOMETRY (three-terms)

9, 10, 11, 12

Prerequisite: Credit earned in Algebra I

This three-term course will cover the basic concepts of Geometry, logic, and proof through the presentation and development of postulates, definitions, and theorems. Previous Algebra skills are integrated with the solving of geometric problems. Included are topics of points, lines, planes, and solids. Additional concepts include, but are not limited to, measurement, congruency, similarity, coordinate geometry, and introduction to trigonometry and related topics.

Credit earned in this three-term course fulfills 1 credit of the Math requirements for graduation AND .5 elective credit.

HONORS GEOMETRY

9, 10

Prerequisite: Credit earned in Algebra I

This two-term course covers the topics of Geometry and will progress at a greater depth, at an accelerated pace and include more in-depth instruction of concepts. The basic concepts of Geometry, logic, and proof through the presentation and development of postulates, definitions, and theorems will be covered. Previous Algebra skills are integrated with the solving of geometric problems. Included are topics of points, lines, planes, and solids. Additional concepts include, but are not limited to, measurement, congruency, similarity, coordinate geometry, and introduction to trigonometry and related topics.

Credit earned in this two-term course fulfills 1 credit of the Math requirements for graduation.

ALGEBRA II

9, 10, 11, 12

Prerequisite: Credit earned in Algebra I

This two-term course will build upon concepts taught in Algebra I and Geometry. Algebra II will continue the study of exponential and logarithmic functions. Inverses and Radical Functions and Relations will also be studied. Additional concepts include, but are not limited to, sequences and series and conics.

Credit earned in this two-term course fulfills 1 credit of the Math requirements for graduation. This course can be taken concurrently with Geometry.

ALGEBRA II (four-terms)**9, 10, 11, 12****Prerequisite: Credit earned in Algebra I**

This four-term course will be taken over two school years and will build upon concepts taught in Algebra I and Geometry. Algebra II will continue the study of exponential and logarithmic functions. Inverses and Radical Functions and Relations will also be studied. Additional concepts include, but are not limited to, sequences and series and conics.

Credit earned in this two-year, four-term course fulfills 2 credits of the Math requirements for graduation.

APPLICATIONS OF MATHEMATICAL CONCEPTS**10, 11, 12****Prerequisite: Algebra II (may be taken concurrently)**

This one-term course is designed to provide students with opportunities to explore real world situations as it relates to mathematics.

Credit earned in this one-term course fulfills .5 of elective credit OR when taken during senior year can meet the senior related math requirement for graduation.

PROBABILITY & STATISTICS**10, 11, 12****(Offered in Spring term ONLY)****Prerequisite: Algebra II (may be taken concurrently)**

This one-term course is designed to provide opportunities for students to collect and manage data and make predictions from their research. Formulas in statistics and probability will be used as tools for data presentation and management. Present day businesses, industries, and professional occupations are driven by data.

Credit earned in this one-term course fulfills .5 of elective credit OR when taken during senior year can meet the senior related math requirement for graduation.

TRIGONOMETRY**10, 11, 12****(Offered in Winter term ONLY)****Prerequisite: Algebra II (may be taken concurrently)**

This one-term course will cover right triangle trigonometry including circular functions. Problem situations requiring the use of trigonometric equations and identities will be investigated. Additional concepts include, but are not limited to, trigonometric function values, degrees and radians, amplitude and period, and double and half angles.

Credit earned in this one-term course fulfills .5 of elective credit OR when taken during senior year can meet the senior related math requirement for graduation.

PRE CALCULUS**10, 11, 12****Prerequisite: Credit earned in Algebra II**

This two-term course is designed to give an understanding of the elementary functions, which are the foundation of calculus. Polynomials, rational, exponential, logarithmic, and trigonometric functions are reviewed in detail through the study of the properties and graphs. Additional concepts include, but are not limited to, vectors, matrices, systems of equations, sequences, series, polar coordinates and conics.

Credit earned in this two-term course fulfills 1 credit of the Math requirements for graduation.

AP CALCULUS**10, 11, 12****Prerequisite: Credit earned in Pre-Calculus**

This three-term course is intended for students who have a thorough knowledge of algebra, geometry, trigonometry, and pre-calculus. They should understand regular and polar coordinates, equations, and graphs of functions such as lines and conic sections. The course covers the properties of functions, limits, differential calculus with applications, and integral calculus with applications. In May the student has the option of taking the Advanced Placement Calculus AP Exam. Successful completion of this exam may result in the granting of college credit.

Credit earned in this three-term course fulfills 1 credit of the Math requirements for graduation AND .5 elective credit.

SCIENCE

| Course | Grade |
|-------------------------------|---------------|
| Physical Science- Chemistry | 9, 10 |
| Physical Science- Physics | 9, 10 |
| Biology | 9, 10, 11, 12 |
| AP Biology | 10, 11, 12 |
| Chemistry | 10, 11, 12 |
| Honors Chemistry | 10, 11, 12 |
| AP Chemistry | 11, 12 |
| Physics | 10, 11, 12 |
| Honors Physics | 10, 11, 12 |
| Botany | 11, 12 |
| Environmental Science 1 (CHS) | 10, 11, 12 |
| Environmental Science 2 (CHS) | 10, 11, 12 |
| Geology & Astronomy | 10, 11, 12 |
| Oceanography & Meteorology | 10, 11, 12 |
| PS Chemistry ACT Prep | 11 |
| PS Physics ACT Prep | 11 |
| Human Anatomy & Physiology | 11, 12 |
| Diversity of Life 1 & 2 (WHS) | 11, 12 |
| Genetics | 11, 12 |

PHYSICAL SCIENCE - CHEMISTRY**9, 10****Prerequisite: Recommendation based on 8th grade district science evaluation form.**

Physical Science-Chemistry is a one-term course designed for freshmen or sophomores to prepare for further studies in Chemistry. Course discussion, group activities, and laboratory exercises that foster critical thinking, written communication, and inquiry of Chemistry, will be stressed. Topics for Physical Science Chemistry include: forms of energy, energy transfer and conservation, properties of matter, and changes in matter.

Credit earned in this one-term course fulfills .5 credits of the 3 Science credits required for graduation.**PHYSICAL SCIENCE - PHYSICS****9, 10****Prerequisite: Recommendation based on 8th grade district science evaluation form.**

Physical Science-Physics is a one-term course designed to prepare freshmen and sophomores for further studies in Physics. Course discussion, group activities, and laboratory exercises that foster critical thinking, written communication, and inquiry of Physics, will be stressed. Topics for Physical Science Physics include: motion of objects, forces and motions, forms of energy, and energy transformations.

Credit earned in this one-term course fulfills .5 credits of the 3 Science credits required for graduation.**BIOLOGY****9, 10, 11, 12****Prerequisite: Recommendation based on 8th grade district science evaluation form.**

Biology is a two-term general study of the science of life. This course satisfies the Michigan High School Essential and Core Content Expectations for Biology. Laboratory exercises, critical thinking, and written communication, which foster inquiry, reflection, and social implications of Biology will be stressed. Topics include: 1) Organization and Development of Living Things, 2) Interdependence of Living Systems and Environment, 3) Genetics, and 4) Evolution and Biodiversity. Successful completion of Biology is a graduation requirements and a prerequisite for further studies.

This course IS required.* Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.*AP BIOLOGY****10, 11, 12****Prerequisites: Credit earned in Biology and Chemistry (Chemistry may be taken concurrently with AP Biology)**

AP Biology is a three-term, college level course requiring a strong student commitment to fulfill all assignments and course activities. Course topics involve a detailed study of biochemistry, cellular structures and processes, heredity and molecular genetics, evolution, organism structure and classification, and ecology. Advanced laboratory work is an important component of the course. It is expected that students enrolled in AP Biology will take the AP Exam in the Spring.

Credit earned in this three-term course fulfills 1 credit of the 3 Science credits required for graduation and .5 credits of a science elective.**CHEMISTRY****10, 11, 12****Prerequisite: Credit earned in Biology**

The purpose of this two-term Chemistry course is to fulfill one of the three science requirements in the Michigan Merit Curriculum. Students taking this course will study the structure and properties of matter. Topics covered will include atomic theory, periodic table, quantum mechanics, chemical bonding, nomenclature and stoichiometry, balancing chemical equations, states of matter, thermo chemistry, solutions, acids, bases, redox/equilibrium reactions and thermodynamics. Scientific calculator highly recommended for course tests, assignments, labs, and homework.

Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.**HONORS CHEMISTRY****10, 11, 12****Prerequisite: Credit earned in Biology & Algebra**

This two-term very rigorous course is offered to students who are planning on taking AP chemistry. This course will require students to apply advanced algebra skills, utilize high level analytical thinking and complete technical reports. Students will study the structure and properties of matter. Topics covered will include atomic theory, periodic table, quantum mechanics, chemical bonding, nomenclature and stoichiometry, balancing chemical equations, states of matter, thermo chemistry, solutions, acids, bases, redox/equilibrium reactions and thermodynamics. This pre-AP course is designed for students planning to pursue a career requiring a strong science background such as engineering and medical fields. Scientific calculator highly recommended for course tests, assignments, labs, and homework.

Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.**AP CHEMISTRY****11, 12****Prerequisite: Credit earned in Chemistry**

AP Chemistry is a rigorous three-term course designed to provide the equivalent of a first-year college chemistry course both in content and laboratory experiences. The course fosters a deep understanding of the fundamental chemistry concepts and competence in applying them to mathematical and general problem solving. Students successfully completing this course are encouraged to take the AP Chemistry exam. The topics covered include: The Structure of Matter, Stoichiometry, Aqueous Reactions and Solution Chemistry, Periodic Properties of Elements, Chemical Bonding, Molecular Geometry, Gas Laws, Intermolecular Forces, Chemical Kinetics, Chemical Equilibrium, Thermodynamics, Electrochemistry, Nuclear Chemistry, and Organic Chemistry.

Credit earned in this three-term course fulfills 1 credit of the 3 Science credits required for graduation and .5 credits of a science elective.**PHYSICS****10, 11, 12****Prerequisite: Credit earned in Biology**

The purpose of this two-term Physics course is to fulfill one of the three science requirements in the Michigan Merit Curriculum. Students will study matter and energy and how they interact with one another. Topics covered will include linear motion, two dimensional motion and forces, dynamics, momentum, periodic motion, mechanical energy, mechanical waves, electromagnetic waves, electric forces, electric current, energy transformations, and energy and society.

Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.

HONORS PHYSICS**10, 11, 12****Prerequisite: Credit earned in Biology & Algebra**

The purpose of this two-term Physics course is to fulfill one of the three science requirements in the Michigan Merit Curriculum. This course is designed for the student planning to major in science as a college student, particularly those considering a career in engineering. Students will study matter and energy and how they interact with one another. Topics covered will include: linear motion, two dimensional motion and forces, dynamics, momentum, periodic motion, mechanical energy, mechanical waves, electromagnetic waves, electric forces, electric current, energy transformations, and energy and society. These topics will be addressed using higher level mathematical content than physics in order to better prepare science/technology bound college students. Analytical skills and report writing will be an integral part of the course. Lab experiments will also more extensive data analysis.

Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.

BOTANY**11, 12****(Offered fall and Spring terms ONLY)****Prerequisite: Credit earned in Biology**

This one-term course involves the study of plant structure, classification, and the growth and care of plants for personal and commercial use. Topics include: the life cycle of plants, types of plants, plant propagation from seeds, cuttings or other methods, growth requirements of plants, and use of plants. Laboratory work in the greenhouse is a requirement of the course.

Credit earned in this one-term course fulfills .5 credits of the 3 Science credits required for graduation.

ENVIRONMENTAL SCIENCE 1 (CHS)**10, 11, 12****Prerequisite: Credit earned in Biology**

This one-term course will focus on ecosystems, and how ecosystems change. Topics included, but not limited to: the green-house effect, bio-diversity and populations, agriculture and hazardous waste.

Credit earned in this one-term course fulfills .5 credits of the 3 credit Science graduation requirements.

ENVIRONMENTAL SCIENCE 2 (CHS)**10, 11, 12****Prerequisite: Credit earned in Biology**

This one-term course will focus on the human impact to the environment. The focus of this course will be on reducing, re-using, and recycling. Topics include alternative energy sources, water systems, waste management systems, and federal and state laws regarding green efforts.

Credit earned in this one-term course fulfills .5 credits of the 3 credit Science graduation requirements.

GEOLOGY & ASTRONOMY**10, 11, 12****Prerequisite: Credit earned in Biology**

This one-term class is designed to study the solid structures of the Earth and their effects. Students will develop an understanding of the geology of the Earth including the formation and deformation of the Earth's crust. Topics covered will include, but not be limited to, plate tectonics (earthquakes and volcanism), topographic maps, the rock cycle, and history of the Earth. The astronomy portion of the course will cover stars, galaxies, the sun, asteroids, and comets with respect to their impact on the Earth.

Credit earned in the one-term course fulfills .5 credits of the 3 Science credits required for graduation.

OCEANOGRAPHY & METEROLOGY**10, 11, 12****Prerequisite: Credit earned in Biology**

This one-term class is designed to study the fluid structures of the Earth and their effects on the planet. Students will develop an understanding of freshwater resources and formations resulting from groundwater and wave action. Topics covered will include the water cycle, groundwater and erosion, glaciers, oceans, and convection processes within the fluid Earth. The meteorology portion of the course will cover topics such as tornadoes, hurricanes, thunderstorms, cloud formation and weather map reading.

Credit earned in the one-term course fulfills .5 credits of the 3 Science credits required for graduation.

PS CHEMISTRY ACT PREP**11****(Offered in fall or Winter Term ONLY)**

This one-term course is designed for juniors as an ACT preparation course. Course discussion, group activities, and laboratory exercises that foster critical thinking, written communication, and inquiry of Chemistry, will be stressed. Topics for PS Chemistry include: forms of energy, energy transfer and conservation, properties of matter, and changes in matter.

Credit earned in this one-term course fulfills .5 credits of the 3 Science credits required for graduation.

PS PHYSICS ACT PREP**11****(Offered in Fall or Winter Term ONLY)**

This one-term course is designed for juniors as an ACT preparation course. Course discussion, group activities, and laboratory exercises that foster critical thinking, written communication, and inquiry of Physics, will be stressed. Topics for PS Physics include: motion of objects, forces and motions, forms of energy, and energy transformations.

Credit earned in the one-term course fulfills .5 credits of the 3 Science credits required for graduation.

HUMAN ANATOMY & PHYSIOLOGY**11, 12****Prerequisite: Credit earned in Biology**

Human Anatomy and Physiology is a two-term course that studies the structure and function of the human body. Body systems including, but not limited to, the skeletal, muscular, cardiovascular, digestive, and nervous systems will be explored through lectures, labs, and hands-on activities. A major component of the second term is an extensive dissection of a fetal pig.

Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.

DIVERSITY OF LIFE 1 & 2 (WHS ONLY)**11, 12****Prerequisite: Credit earned in Biology**

This two-term course studies diverse creatures that inhabit our planet. Students will study each of the six kingdoms (plants, animals, bacteria, fungi and protists) in detail, with the main focus on classification of organisms based on anatomy, morphology, and ecology. Collection, observation, and dissection of organisms will be among the many hands-on experiences in this course.

Credit earned in this two-term course fulfills 1 credit of the 3 Science credits required for graduation.

GENETICS**11, 12****Prerequisite: Credit earned in Biology**

Genetics is a one-term course which explores the science of inheritance. This course will examine how genes are passed from parent to offspring and how those genes interact to determine an organism's characteristics. Gene relationships, modes of inheritance, genetic disorders, molecular genetics and human inheritance will be emphasized. A long-term experiment using fruit flies will be used to investigate laws of inheritance.

Credit earned in this course fulfills .5 credits of the 3 Science credits required for graduation.

SOCIAL STUDIES

| <u>Course</u> | <u>Grades</u> |
|---|---------------|
| World History | 9 |
| Honors World History | 9 |
| U.S. History | 10, 11, 12 |
| AP U.S. History | 10, 11, 12 |
| Podcasting through History - (WHS ONLY) | 10, 11, 12 |
| Civics | 11, 12 |
| AP U.S. Government & Politics | 11, 12 |
| Economics | 11, 12 |
| AP M/M Economics | 11, 12 |
| Current Affairs | 10, 11, 12 |
| Michigan History | 11, 12 |
| Psychology | 11, 12 |
| Sociology | 11, 12 |
| Western Civilization | 11, 12 |

WORLD HISTORY**9**

This two-term course meets High School Standards and Content Expectations for World History and Geography credit. Students will explore the foundations of World History and Geography, expanding and intensified Hemispheric Interactions, 300-1500 C.E. /A.D; The Emergence of the First Global Age, 15th-18th centuries, The Age of Global Revolutions, 18th Century – 1914; Global Crisis and Achievement, 1900-1945; and the Cold War and its Aftermath: The 20th Century, since 1945. Studies will include an analysis of World History from three perspectives: global, interregional, and regional; Historical and Geographical Analysis and Interpretation; and Historical and Geographical Knowledge and perspective. General Social Studies knowledge processes and skills are embedded in the curriculum.

Credit earned in this two-term course fulfills 1 credit of the Social Studies graduation requirements.

HONORS WORLD HISTORY**9****Prerequisite: Recommendation based on 8th grade district evaluation form**

This rigorous two-term course is designed to prepare students for Advanced Placement Social Studies course that are offered to upper-classmen. This course meets High School Standards and Content Expectations for World History and Geography credit. Course will provide for a deep exploration of the foundations of World History and Geography, expanding and intensified Hemispheric Interactions, 300-1500 C.E./A.D; The Emergence of the First Global Age, 15th-18th centuries, The Age of Global Revolutions, 18th Century – 1914; Global Crisis and Achievement, 1900-1945; and the Cold War and its Aftermath: The 20th Century, Since 1945. Studies will include an analysis of World History from three perspectives: global, interregional, and regional; Historical and Geographical Analysis and Interpretation; and Historical and Geographical Knowledge and perspective. General Social Studies knowledge processes and skills are embedded in the curriculum.

Credit earned in this two-term course fulfills 1 credit of the Social Studies graduation requirements.

U.S. HISTORY**10, 11, 12**

This two-term course meets High School Standards and Content Expectations for U.S. History and Geography credit. One-year course will explore the foundations of United States History and Geography; the Development of an Industrial, Urban and Global United States, 1870-1930; the Great Depression and World War II, 1920-1945; Post World War II United States, 1945-1989; and America in a New Global Age, 1980-present. Studies will also include a Historical and Geographical Analysis and Interpretation of U.S. History; and from a Historical and Geographical Knowledge and Perspective. General Social Studies Knowledge Processes and Skills are imbedded in the curriculum.

Credit earned in this two-term course fulfills 1 credit of the Social Studies graduation requirements.

AP U.S. HISTORY**10, 11, 12**

This rigorous three-term course meets High School Standards and Content Expectations for U.S. History and Geography credit. Successful completion of this one year course will prepare students for the Advanced Placement Examination in American History to earn college credit. Course will provide for a deep exploration of the foundations of United States History and Geography. The A.P. History Course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in U.S. History. Using a Thematic Analysis of United States History; a Historical and Geographical Analysis and Interpretation of U.S. History; and a Historical and Geographical Knowledge and Perspective, students will cover a variety of topics from the Pre-Columbian Era through the Post Cold-War Era (Eras 1-9). General Social Studies Knowledge Processes and Skills are imbedded in the curriculum. Upon completion of this course students are expected to take the AP examination.

Credit earned in this three-term course fulfills 1 credit of the Social Studies graduation requirements and .5 elective credit.

PODCASTING THROUGH HISTORY - (WHS ONLY)**10, 11, 12**

In this one-term course students will learn how to develop, produce and broadcast a podcast(s) focusing on historical points from the 20th Century to present in U.S. History.

This course is NOT repeatable for credit.

Credit earned in this one-term course fulfills the career based learning OR .5 elective credits AND the on-line learning experience.

CIVICS**11, 12**

In this one-term course students will study the three levels of government (federal, state, and local) that affect the life of every American. Special consideration is given to current problems such as taxes, civil rights, voting, etc. Some time is also spent examining other systems of government such as totalitarianism, dictatorship and parliamentary democracy.

Credit earned in this course fulfills .5 credit of the 3 Social Studies requirements for graduation.

AP U.S. GOVERNMENT & POLITICS**11, 12**

This three-term course is designed to meet the graduation requirements mandated by the state of Michigan. It will also prepare students for the Advanced Placement Examination in American Government to earn college credit. Consequently this course will be taught at the college level. Students will be expected to meet all the course objectives and do additional work such as term papers, essays, and book reports. College level grading is expected. Upon completion of this course students are expected to take the AP examination. Students must complete the entire year to meet the graduation requirement mandated by state of Michigan.

Credit earned in this course fulfills .5 credit of the Social Studies requirements for graduation and 1 elective credit.

ECONOMICS**11, 12**

Economics is a one-term course designed to give students a fundamental understanding of basic economic concepts. Studies will include scarcity; wants and needs; human, capital and natural resources; opportunity costs; the circular flow of money; money and banking; economic systems; markets; supply and demand; free enterprise; micro and macroeconomic principles; personal finance; the role of the Federal Reserve; and the impact of the labor movement. Study of the stock market and a Junior Achievement component are integral parts of this course.

Credit earned in this course fulfills .5 credit of the 3 Social Studies requirements for graduation.

AP M/M ECONOMICS**11, 12**

AP M/M Economics is a three-term class that is designed as an initial college-level course in microeconomics and macroeconomics and as a foundation for possible future study in economics, business, or political science. AP M/M Economics consists of three 12 week trimester terms separated into the following individual terms: Microeconomics, Macroeconomics, and International Trade and Application. AP Microeconomics focuses on how economic decisions are made by individuals, firms, and organizational structures. Supply and demand analysis is developed to demonstrate how market prices are determined, how those prices determine an economy's allocation of goods and services, how factors of production are allocated in the production process, and how goods and services are distributed throughout the economy. AP Macroeconomics emphasizes economic principles as applied to the economy as a whole that will include an analysis of national income and its components, economic indicators, inflation and unemployment, money and banking, and stabilization policies. The third term will consist of International Trade theory in the US and the application of the theories studied thus far in the year. In May there will be two separate AP Tests that students may choose to take: AP Microeconomics and AP Macroeconomics. Passing the exam will result in college credit at almost all colleges and universities. The student goal of the course is to prepare for the AP Exam.

Credit earned in this three-term course fulfills .5 of the social studies graduation requirement and 1.0 elective credit.

CURRENT AFFAIRS**10, 11, 12**

(Offered odd school years ONLY)

This one-term course emphasizes current events. International, National, State and Local current issues will be discussed. The context of the course will revolve around newspapers, news magazines, T.V. News, the internet and videos.

MICHIGAN HISTORY**11, 12**

(Offered even school years ONLY)

The educational purpose of this one-term course is to instill in the student awareness and appreciation for the heritage of the great State of Michigan. The scope of study begins with the pre-glacial period, progresses through the period of Native American habitation, northwest territorial/settlement status, acquisition of statehood, the lumbering era, the automobile era, and the present transformation to the high-tech revolution. The course is taught from a historical, economic, and social perspective.

PSYCHOLOGY**11, 12**

Psychology is a two-term course designed as an introductory study of the science of human behavior. It is intended to help students understand themselves and their personal problems, to develop an understanding of social problems and provide instruction in elementary principles of psychology. It should help the student acquire such knowledge and skills as may assist them in meeting the many challenges of the social, emotional and vocational world. This course will contain units of study, which will include an historical overview, major personality theories, learning and memory, emotional and behavior disorders. Second term Psychology explores all major viewpoints (theories) relating to psychological disorders.

Credit earned in the course may articulate for College Credit - See Instructor for details.

SOCIOLOGY**11, 12**

Sociology is a two-term course designed to study the origin, development, organization and functioning of human society. Application and experimentation to enhance understanding of concepts will aid the students' awareness of groups, cultures, class systems and collective behavior. First term Sociology includes: You and Society, Culture, Culture Diversity, Cultural Relativity, Socialization, Social Organization, Social Institutions and Social Change. Second term Sociology includes: Collective Behavior and Social Movements, Race and Ethnic Relations, Social Inequality, Gender Roles, Education, Population, Deviance and the Adolescent in Society.

Credit earned in this course may articulate for College Credit - See Instructor for details.

WESTERN CIVILIZATION**11, 12**

Western Civilization is a one-term course designed to survey the development of civilization from prehistoric times to the Middle Ages. It covers ancient and classical histories, especially Greece, Rome, Mesopotamia, Egypt, Africa, and China. This course traces the birth of our Modern Western Civilization.

SPECIAL EDUCATION

| <u>Course</u> | <u>Grades</u> |
|---|---------------|
| Basic English Literature & Composition/Read 180 | 9 |
| Basic English Literature & Composition | 9 |
| Basic American Literature & Composition | 10 |
| Basic British Literature & Composition | 11 |
| Basic English 12 | 12 |
| Basic Algebra I | 9, 10, 11, 12 |
| Basic Geometry | 9, 10, 11, 12 |
| Basic Algebra II | 11, 12 |
| Basic Physical Science - Physics | 9, 10, 11, 12 |
| Basic Physical Science - Chemistry | 9, 10, 11, 12 |
| Basic Biology | 9, 10, 11, 12 |
| Basic Chemistry | 10, 11, 12 |
| Basic World History | 9 |
| Basic U.S. History | 10, 11, 12 |
| Basic Civics | 11, 12 |
| Basic Economics | 11, 12 |
| Basic Health | 9, 10, 11, 12 |
| Basic Communications | 9, 10, 11, 12 |
| Basic Technology I | 9, 10, 11, 12 |
| Basic Technology II | 9, 10, 11, 12 |
| Basic Academic Workshop 1, 2, 3 | 9, 10, 11, 12 |
| Basic Essentials (CHS ONLY) | 9 |
| Basic Learning Communities (CHS) | 9, 10, 11, 12 |
| Basic Trans Categorical Program (CHS) | 9, 10, 11, 12 |

Special Education courses are available to those students who qualify for Special Education Services.

BASIC ENGLISH LITERATURE & COMPOSITION/READ 180

9

Prerequisite: District evaluation form and input from IEP Team

Basic English Literature and Composition 9 is a three-term course in which students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Students will focus on written and verbal communication skills, language usage, and listening. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society. READ 180 is a component of this course. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this three-term course fulfills 1 credit of the English requirement and .5 elective credit.

BASIC ENGLISH LITERATURE & COMPOSITION

9

Basic English Literature and Composition 9 is a two-term course in which students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Students will focus on written and verbal communication skills, language usage, and listening. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements

BASIC AMERICAN LITERATURE & COMPOSITION

10

American Literature and Composition 10, a two-term course, offers a thematic study of American literature to continue to build a solid foundation of knowledge and skills. In ALC 10, students will become increasingly skilled readers of works written in a variety of periods and genres, including various narrative and informational texts. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power, and to compose for a variety of purposes. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements

BASIC BRITISH LITERATURE & COMPOSITION

11

This two-term British Literature and Composition 11 course continues to build a solid foundation of knowledge, skills and strategies. In BLC 11, students will add to the list of various genres of classic and contemporary narrative and informational texts with a special focus on British and World literature and ACT success. Eleventh grade students will connect with and respond to texts through transformational thinking. Students will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements.

BASIC ENGLISH 12

12

This two-term course deals mostly with world literature, and is a comprehensive course that will provide students with the literature and composition background they will need in order to be prepared for the demands of post high school education. In addition to the texts, essays, research papers, the reading of novels outside the class are required. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the English Language Arts graduation requirements

BASIC ALGEBRA I

9, 10, 11, 12

This three-term course will cover the basic language rules of algebra including algebraic expressions, solving and graphing linear and quadratic equations and inequalities, and exploring polynomials. Additional concepts include, but are not limited to, using real numbers, exponents, radical expressions, and functions. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this three-term course fulfills 1 credit of the Math graduation requirements and .5 elective credit.

BASIC GEOMETRY

9, 10, 11, 12

Prerequisite: Credit earned in Basic Algebra I

This three-term course will cover the basic concepts of Geometry, logic, and proof through the presentation and development of postulates, definitions, and theorems. Previous Algebra skills are integrated with the solving of geometric problems. Included are topics of points, lines, planes, and solids. Additional concepts include, but are not limited to, measurement, congruency, similarity, coordinate geometry, and introduction to trigonometry and related topics. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this three-term course fulfills 1 credit of the Math graduation requirements and .5 elective credit.

BASIC ALGEBRA II

11, 12

Prerequisite: Credit earned in Basic Algebra I

This three-term course will build upon concepts taught in Algebra I and Geometry. Algebra II will continue the study of exponential and logarithmic functions. Rational and trigonometric functions will also be studied. Additional concepts include, but are not limited to, sequences and series, conics, probability, and statistics. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this three-term course fulfills 1 credit of the Math graduation requirements and .5 elective credit.

BASIC PHYSICAL SCIENCE - PHYSICS

9, 10, 11, 12

Physical Science-Physics is a one-term course designed to prepare freshmen and sophomores for further studies in Physics. Course discussion, group activities, and laboratory exercises that foster critical thinking, written communication, and inquiry of Physics, will be stressed. Topics for Physical Science Physics include: motion of objects, forces and motions, forms of energy, and energy transformations. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this one-term course fulfills .5 credit of the Science graduation requirements.

BASIC PHYSICAL SCIENCE - CHEMISTRY

9, 10, 11, 12

Physical Science-Chemistry is a one-term course designed for freshmen or sophomores to prepare for further studies in Chemistry. Course discussion, group activities, and laboratory exercises that foster critical thinking, written communication, and inquiry of Chemistry, will be stressed. Topics for Physical Science Chemistry include: forms of energy, energy transfer and conservation, properties of matter, and changes in matter. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this one-term course fulfills .5 credit of the Science graduation requirements.

BASIC BIOLOGY

9, 10, 11, 12

Biology is a two-term course general study of the science of life. This course satisfies the Michigan High School Essential and Core Content Expectations for Biology. Laboratory exercises, critical thinking, and written communication, which foster inquiry, reflection, and social implications of Biology will be stressed. Topics include: 1) Organization and Development of Living Things, 2) Interdependence of Living Systems and Environment, 3) Genetics, and 4) Evolution and Biodiversity. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the Science graduation requirements.

BASIC CHEMISTRY

10, 11, 12

Prerequisite: Credit earned in Basic Biology 1 & 2

The purpose of this two-term Chemistry course is to fulfill one of the three science requirements in the Michigan Merit Curriculum. Students taking this course will study the structure and properties of matter. Topics covered will include atomic theory, periodic table, quantum mechanics, chemical bonding, nomenclature and stoichiometry, balancing chemical equations, states of matter, thermo chemistry, solutions, acids, bases, redox/equilibrium reactions and thermodynamics. Scientific calculator highly recommended for course tests, assignments, labs, and homework. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the Science graduation requirements.

BASIC WORLD HISTORY

9

This two-term course meets High School Standards and Content Expectations for World History and Geography credit. Students will explore the foundations of World History and Geography, expanding and intensified Hemispheric Interactions, 300-1500 C.E. /A.D; The Emergence of the First Global Age, 15th-18th centuries, The Age of Global Revolutions, 18th Century – 1914; Global Crisis and Achievement, 1900-1945; and the Cold War and its Aftermath: The 20th Century, since 1945. Studies will include an analysis of World History from three perspectives: global, interregional, and regional; Historical and Geographical Analysis and Interpretation; and Historical and Geographical Knowledge and perspective. General Social Studies knowledge processes and skills are embedded in the curriculum. Students may take either term in any order. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the Social Studies graduation requirements.

BASIC U.S. HISTORY

10, 11, 12

This two-term course meets High School Standards and Content Expectations for U.S. History and Geography credit. One-year course will explore the foundations of United States History and Geography; the Development of an Industrial, Urban and Global United States, 1870-1930; the Great Depression and World War II, 1920-1945; Post World War II United States, 1945-1989; and America in a New Global Age, 1980-present. Studies will also include a Thematic Analysis of United States History (eras 6-9); a Historical and Geographical Analysis and Interpretation of U.S. History; and from a Historical and Geographical Knowledge and Perspective. General Social Studies Knowledge Processes and Skills are embedded in the curriculum. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this two-term course fulfills 1 credit of the Social Studies graduation requirements.

BASIC CIVICS**11, 12**

In this one-term course students will study the three levels of government (federal, state, and local) that affect the life of every American. Special consideration is given to current problems such as taxes, civil rights, voting, etc. Some time is also spent examining other systems of government such as totalitarianism, dictatorship and parliamentary democracy. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this one-term course fulfills .5 credits of the 3 Social Studies requirements for graduation.

BASIC ECONOMICS**11, 12**

Economics is a one-term course designed to give students a fundamental understanding of basic economic concepts. Studies will include scarcity; wants and needs; human, capital and natural resources; opportunity costs; the circular flow of money; money and banking; economic systems; markets; supply and demand; free enterprise; micro and macroeconomic principles; personal finance; the role of the Federal Reserve; and the impact of the labor movement. Study of the stock market and a Junior Achievement component are integral parts of this course. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this one-term course fulfills .5 credits of the 3 Social Studies requirements for graduation

BASIC HEALTH**9, 10, 11, 12**

This one-term course will acquaint students with current health issues in regards to their own personal lifestyle. This course will also provide opportunities for students to develop and build attitudes and decision-making skills that will affect their personal health. This course uses the Michigan Health Model in physical activity, nutrition, tobacco, drugs, alcohol, violence prevention, gambling, AIDS/disease awareness, mental health, and character education. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this one-term course fulfills .5 credit of the Lifelong Wellness graduation requirements.

BASIC COMMUNICATIONS**9, 10, 11, 12**

This one-term course provides a variety of communication activities, which directly relate to career and employability skills. Techniques for good oral communication will be developed and a variety of speaking situations will be explored. Students will utilize class discussions and group discussions, practice good listening and audience participation skills. They will learn about interpersonal and intrapersonal communication, nonverbal, and verbal communication, and group problem solving. Students will also learn how to research, organize and prepare a variety of speeches. *Accommodations for individual needs are made as outlined in the student's IEP*

Credit earned in this course fulfills .5 credit of the communication graduation requirements.

BASIC TECHNOLOGY I**9, 10, 11, 12**

This one-term course is required for all high school students to build skills needed for success in further technology courses. Students will be exposed to and become proficient in Windows operating system. Students will learn fundamental technology skills including file management, word processing (including letters, memos, reports, and flyers), and text formatting techniques, proofreading/editing skills, and efficient keyboard operation. Students will also work with spreadsheets (developing financial statements with mathematical formulas, charts, and graphs), and presentation software (developing and delivering professional presentations). Software applications will be used in a business context. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this course fulfills .5 credit of the technology requirement for graduation and the online experience.

BASIC TECHNOLOGY II**9, 10, 11, 12**

Prerequisite: Credit earned in Basic CCC 1 or Basic Technology I

This one-term course is designed to complement the Technology I course and prepare students for the on-going ethical, social, and global issues of technology in the business world. This course will also present computer concepts including how information is processed, stored, and shared. Major consideration will be given to Internet technology emphasizing research, education, business communications, e-commerce, security, database, e-mail, web pages, graphics, programming, emerging technology and other exploratory concepts. *Accommodations for individual needs are made as outlined in the student's IEP.*

Credit earned in this course fulfills .5 credit of the technology requirement for graduation AND the online experience.

BASIC ACADEMIC WORKSHOP 1, 2, & 3**9, 10, 11, 12**

Prerequisite: Individualized Educational Plan recommendation and/or 50% or more general education classes.

Academic Workshop is a one-term course offered each term to high school Special Education students who attend core general education courses. The instructor provides instructional accommodations, tutoring assistance, and intervention strategies, while he/she acts as a liaison between the general education instructor, student and parent. Students are expected to bring classroom assignments to the classroom for instructor assistance. *Accommodations for individual needs are made as outlined in the student's IEP. This class will work in conjunction with core academic courses.*

This course IS repeatable for credit.

BASIC ESSENTIALS (CHS ONLY)**9**

Prerequisite: District evaluation Form and input from IEP Team

Select freshmen learning disabled students will benefit from a three term program enhancing basic skills through a variety of instructional strategies including Scholastic Read 180. *Accommodations for individual needs are made as outlined in the student's IEP.*

BASIC LEARNING COMMUNITIES (CHS ONLY)

9, 10, 11, 12

Prerequisites for Placement:

Had a previous self-contained placement

Agency recommendation

Individualized Educational Plan recommendation

Residential placement precedes course placement

Student unsuccessful with accommodations

Learning Communities provides an opportunity for students to find a new direction in their educational experience when other options have not been successful. **Students continue to follow the general curriculum at Bay City Central High School. Credits are earned for each course.** In Learning Communities there is an emphasis on meeting the needs of each individual student. That may mean supplemental materials, extra supervision, extended guided practice, accommodating scheduling conflicts, accommodating varying ability levels, adjusting course expectations, assessing student emotional needs and assisting students to meet those needs. Learning Communities offers the structure and consistency of one classroom and one teaching team. Emotional and social needs are a high priority. Effort is made to coordinate services with parents, guardians, social workers, counselors, and agencies to provide the best educational opportunities possible. Ongoing dialogue with families and support personnel is an integral aspect of this program. *Accommodations for individual needs are made as outlined in the student's IEP.*

BASIC TRANS CATEGORICAL PROGRAM (CHS ONLY)

9, 10, 11, 12

Prerequisite: Individualized Educational Plan recommendation

This three-term categorical program is targeted for students classified as Cognitively Impaired. It is a comprehensive, career development program for students making the transition to post secondary life. This program will help prepare students for a wide range of post secondary experiences. It is a four-year progressive program following the Extended Grade Level Expectations leading to a certificate of completion. *Accommodations for individual needs are made as outlined in the student's IEP.*

VISUAL/PERFORMING/APPLIED ARTS

Fine Arts are an aesthetic expression through creative performance or production, to be contemplated or enjoyed for its own sake. It is not used as an instrument for some other activity or function.

ART

| <u>Course</u> | <u>Grades</u> |
|----------------------------|---------------|
| Introduction to Visual Art | 9, 10, 11, 12 |
| Drawing | 9, 10, 11, 12 |
| Painting | 9, 10, 11, 12 |
| 3-Dimension Design | 9, 10, 11, 12 |
| Clay | 9, 10, 11, 12 |
| Modern Madness | 9, 10, 11, 12 |
| Claymation | 10, 11, 12 |

INTRODUCTION TO VISUAL ART

9, 10, 11, 12

This one-term course is a studio directed course that applies the elements and principals of design and artistic awareness in an art laboratory. Students will become acquainted with a number of different media and will be encouraged to experiment, invent, and transfer learning from one media to another. Content of these courses will include: drawing, color study, collage, perspective, composition, art vocabulary, painting, design and form, as well as some exposure to art history and career opportunities. This course will reinforce basic language rules of Algebra including algebraic expressions, solving area, perimeter, and ratios as applied to scale drawings. It will also build on geometric concepts such as angles, triangles, quadrilaterals, and 3-D shapes. Application of these concepts will include ratios, similar angles, and congruent angles. Writings such as essays, critiques, and the creative process will be used including concepts of brainstorming, organizing, comparing and contrasting, and subject matter and themes in reference to artists, art history, and cultures. Basic science principles, including anatomy in figure drawing and portraiture, as well as color and light theory in painting and drawing will be discussed and performed.

Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

DRAWING

9, 10, 11, 12

Prerequisite: Introduction to Visual Art or Modern "MAD"ness or Instructor's Approval

In this one-term course students will use a majority of basic drawing materials and skills experienced in Introduction to Visual Art but in greater depth. Drawing provides continuing experimentation with shading, pencil, colored pencil, pen and ink, charcoal, and pastels. Color theory, including hue, value and intensity, will also be explored. This course will reinforce basic language rules of Algebra including algebraic expressions, solving area, perimeter, and ratios as applied to scale drawings. It will also build on geometric concepts such as angles, triangles, quadrilaterals, and 3-D shapes. Application of these concepts will include ratios, similar angles, and congruent angles. Writings such as essays, critiques, and the creative process will be used including concepts of brainstorming, organizing, comparing and contrasting, and subject matter and themes in reference to artists, art history, and cultures. Basic science principles, including anatomy in figure drawing and portraiture, as well as color and light theory in drawing, will be discussed and performed. Printmaking techniques will also be experienced.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

PAINTING

9, 10, 11, 12

Prerequisite: Introduction to Visual Art or Modern "MAD"ness or Instructor's Approval

This one-term course will offer a variety of explorations in painting media, color theory, and painting techniques to develop skills and creativity. Students will focus on a wide variety of painting media, such as; acrylics, watercolors, oils, tempera, gouache, and airbrush. Painting surfaces will include canvas panels, murals, Styrofoam.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

3-DIMENSIONAL DESIGN

9, 10, 11, 12

Prerequisite: Introduction to Visual Art or Modern "MAD"ness or Instructor's Approval

In this one-term course students will explore numerous materials and develop the control of tools and the necessary skills and techniques required in the process of producing three-dimensional art forms. Awareness of art forms in our environment, in sculpture, and objects of utility and decoration will be emphasized. Structural knowledge and the ability to combine various materials will be investigated while producing wood-based relief sculpture, pewter-casting fabricated-metal work (i.e. jewelry), fiber or batik cloth designing, sculpture in wire, plaster, papier-mâché, and clay. This course also serves as an introduction to glass-crafting, mixed media work, and fine-art approaches to craft techniques. Career aspects of graphic design, fashion design and commercial art are explored.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

CLAY 9, 10, 11, 12

CHS Fall and Winter terms ONLY.

Prerequisite: Introduction to Visual Art or Modern MAD'ness or Instructor's Approval

In this one-term course students will be given the opportunity to explore many methods of clay construction, including hand-built pottery, and sculpting and wheel thrown for advanced students. Students will also learn ratios of mixing, wedging, and gaining hands-on experience with an extruder. Drawing-to-scale, design concepts, research and investigating decorative techniques and written critiques are necessary for successfully planning projects. Students will also learn a variety of glazing techniques, such as, wax resist, engobes, under-glazes, over-glazes, specialty glazes, etc.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

MODERN "M.A.D."NESS (Music, Art, Drama) 9, 10, 11, 12

In this one-term course students will explore the evolution of the Arts in the 20th Century to present. Multiple areas of music, art and drama, including local talent, both visual and performing will be emphasized. This course is geared for the student who doesn't want to produce or perform art, but would like to know about the arts.

Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

CLAYMATION 10, 11, 12

Prerequisite: Modern "M.A.D."Ness or Instructor's Approval

In this one-term course students will write the script, create the figures, add sound, voice, music and film the animation through stop action animation. Students will work together to produce a product, using their expertise or strength in the area of art, drama, or music.

Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

BROADCASTING

| <u>Course</u> | <u>Grades</u> |
|---------------------------------------|---------------|
| Radio Broadcasting | 9, 10, 11, 12 |
| Radio Studio Operations | 10, 11, 12 |
| Digital Audio Productions | 10, 11, 12 |
| Television Productions | 9, 10, 11, 12 |
| Television Studio Operations | 9, 10, 11, 12 |
| Television Studio & Field Performance | 10, 11, 12 |
| Television & Film Industry | 11, 12 |
| Video Editing | 9, 10, 11, 12 |
| Advanced Video Editing | 9, 10, 11, 12 |
| Digital Media | 10, 11, 12 |

RADIO BROADCASTING 9, 10, 11, 12

This one-term course is designed with emphasis on developing fundamental radio broadcasting techniques and skills. The students will be engaged in speaking, listening, writing and production activities directly related to the school owned radio station, 91.3 FM WCHW (The Rock Of The Tri's).

Credit earned in this course fulfills .5 credit of the Visual, Performing, Applied Arts requirements.

RADIO STUDIO OPERATIONS 10, 11, 12

Prerequisite: Credit Earned in Radio Broadcasting or Instructor's approval.

This one-term course will focus on the technical and on-air aspects of Radio Broadcasting Operations. The students will participate in writing original on-air copy and running the district's radio station 91.3 FM WCHW (The Rock of the Tri's). Students may also be involved in after school station sponsored broadcast activities.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

DIGITAL AUDIO PRODUCTIONS 10, 11, 12

Offered odd years ONLY.

Prerequisite: Credit Earned in Radio Broadcasting or Instructor's approval.

Students in this one-term course will be working with professional editing software and will focus on audio recording and post-production. The students may be involved in running the district's radio station 91.3 FM WCHW (The Rock of the Tri's) and may also be involved in after school station sponsored broadcast activities.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

TELEVISION PRODUCTIONS 9, 10, 11, 12

Prerequisite: Instructor's Approval

This one-term course will polish both written and oral skills. Students will study the fundamentals of camera operations as well as the technical aspects of the Television Productions Industry. Student projects may also be aired on local cable access television station.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

TELEVISION STUDIO OPERATIONS 9, 10, 11, 12

Prerequisite: Television Productions or Instructor's Approval

This course will focus on the technical aspects of Broadcast News Operations. Students will be exposed to both on and off camera aspects of the industry. Student projects may also be aired on local cable access television station.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

TELEVISION STUDIO & FIELD PERFORMANCE**10, 11, 12****Offered odd years ONLY.****Prerequisite: Television Productions or Instructor's Approval**

This one-term course will focus on the on-air aspects of Studio Anchor, Field Reporting and Play-by-play techniques. The student will also be involved in after school course sponsored broadcast activities. Student projects may also be aired on local cable access television station.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences

TELEVISION & FILM INDUSTRY**11, 12**

In this one-term course students will engage in critical listening, viewing and critiquing techniques as they study the history and impact of the Television and Film Industries on the social and political landscape of our culture.

This course IS repeatable for credit. .Credit earned in this course fulfills the career based learning and on-line experiences.

VIDEO EDITING**9, 10, 11, 12**

This one-term course is designed to use the digital medium to improve both creative and technical skills. Students will gain experience with several software packages and introduced to editing and design principles. Student projects may also be aired on local cable access television station.

This course IS repeatable for credit. Credit earned in this course fulfills .5 technology graduation requirement OR the career based learning AND on-line experiences.

ADVANCED VIDEO EDITING - Offered even years ONLY.**9, 10, 11, 12****Prerequisite: Video Editing or Instructor's Approval**

Students in this one-term course will be working with professional editing software and will focus on design principals in motion graphics and overall post-production skills. Student projects may also be aired on local cable access television station.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

DIGITAL MEDIA - Offered odd years ONLY.**10, 11, 12****Prerequisite: Video Editing or Instructor's Approval**

In this one-term course students will be studying on-line and mass delivery of digital content through DVD authoring, as well as downloadable and streaming media. Student projects may also be aired on local cable access television station.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

COMMUNICATIONS

| <u>Course</u> | <u>Grades</u> |
|--------------------------------|---------------|
| Forensics | 9, 10, 11, 12 |
| Communications | 10, 11, 12 |
| Advanced Communications | 10, 11, 12 |
| Communications with Multimedia | 10, 11, 12 |
| Debate | 10, 11, 12 |
| Interview Preparations | 11, 12 |

FORENSICS - Fall & Winter terms ONLY**9, 10, 11, 12****Prerequisite: None (Communications or Drama is encouraged)**

This one-term course provides an opportunity for students to prepare for and experience a variety of individual speaking situations. It is designed to help students develop skill and self-confidence in oral reading and speaking situations where they may be under competitive pressures. Some of the areas covered are: informative speaking, original oratory, extemporaneous speaking, interpretative reading, multiple reading, storytelling, impromptu, sales, and news broadcasting.

This course IS repeatable for credit. Credit earned in this course fulfills .5 of the Visual, Performing, Applied Arts requirements.

COMMUNICATIONS**10, 11, 12**

This one-term course provides a variety of communication activities, which directly relate to career and employability skills. Techniques for good oral communication will be developed and a variety of speaking situations will be explored. Students will utilize class discussions and group discussions, practice good listening and audience participation skills. They will learn about interpersonal and intrapersonal communication, nonverbal, and verbal communication, and group problem solving. Students will also learn how to research, organize and prepare a variety of presentations.

Credit earned in this course fulfills .5 credit of the communications graduation requirements.

ADVANCED COMMUNICATIONS**10, 11, 12****Prerequisite: Communications credit earned or Instructor's Approval**

This one-term course will build on the skills learned in Communications. The focus will be to increase students self confidence in more formal speaking situations. Some possible areas to be covered are: Speaker Introduction, Serving as an EMCEE/Moderator, Oratory, Sales, Group Discussion and Travel. Students will also be focusing on self and peer evaluations as a part of the classroom experience.

Credit earned in this course fulfills .5 credit of the communications requirements for graduation and the online learning experience OR the VPA Arts graduation requirement OR Career Based learning experience.

COMMUNICATIONS WITH MULTIMEDIA**10, 11, 12**

This one-term course will provide students the opportunity to enhance presentations with multimedia content. Students may create presentations on a variety of topics using the following multimedia: print, audio, video, online content and personal experience. Students will gain presentation, critical viewing, listening and presentation critiquing skills.

Credit earned in this course fulfills .5 credit of the communications requirements for graduation and the online learning experience OR the VPA Arts graduation requirement OR Career Based learning experience.

DEBATE - Fall & Winter terms ONLY**10, 11, 12**

Prerequisite: 9th graders Instructor's approval ONLY.

This one-term course provides an opportunity for students to develop their argumentative skills. Students will learn how to properly research topics and construct arguments logically and effectively. Debating format will be put into practice and students may also be introduced to a mock trial setting. This course will be beneficial for any student considering a career in the legal profession.

This course IS repeatable for credit. Credit earned in this course fulfills the career based learning and on-line experiences.

INTERVIEW PREPARATIONS - Offered odd Years ONLY.**11, 12**

This one-term course provides students the opportunity to learn valuable interviewing skills. Students will participate as an interviewer and interviewee. During the course they will learn about proper attire, verbal and nonverbal etiquette, formulating and answering interviewing questions, and the use of appropriate presentation skills, including proper grammar. Students will be exposed to mock interviews in the classroom as well as required interviews within the community.

Credit earned in this course fulfills the career based learning requirements.

DRAMA

| <u>Course</u> | <u>Grade</u> |
|------------------------|---------------|
| Drama | 9, 10, 11, 12 |
| Acting | 9, 10, 11, 12 |
| Improv & Pantomime | 9, 10, 11, 12 |
| Ensemble Theater | 9, 10, 11, 12 |
| Children's Theater | 9, 10, 11, 12 |
| Stage Movement | 9, 10, 11, 12 |
| Musical Theater | 9, 10, 11, 12 |
| Scriptwriting | 9, 10, 11, 12 |
| Scenery & Stage Design | 9, 10, 11, 12 |
| Advanced Acting | 10, 11, 12 |
| One Acts | 10, 11, 12 |
| Technical Theater | 10, 11, 12 |

DRAMA**9, 10, 11, 12**

This one-term course has students working on performance skills in a theater setting. Students will perform in groups and individually. This is a physically active course which requires students to participate. Students must realize this is a performance course and their active positive participation is crucial to the climate of the course. No public performances are required.

Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

ACTING**9, 10, 11, 12**

If you enjoy acting, this one-term course is for you! Students will learn characterization, scripted acting, comedy, and drama. Students will perform originally written material in groups and individually. Active participation is a major focus of this course.

Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

IMPROV & PANTOMIME**9, 10, 11, 12**

Prerequisite: Credit earned in Drama

Acting off the top of one's head, quick-wit, and crazy characters will all be incorporated into this one-term performance course. Through theatre games and energy work, students learn to develop creativity and self-expression. Improv games such as seen in "Whose Line Is It Anyway?" and audience participation will create the structure for part of this course. The other portion of the course will focus on body language and the use of non-verbal acting.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

ENSEMBLE THEATER - Offered in odd years ONLY.**9, 10, 11, 12**

Prerequisite: Credit earned in Drama or Acting

This one-term course is about working together as a group in a performance situation. Students will be focusing on acting techniques that require creativity, physical and emotional spontaneity, and group participation. Readers Theater may be one of the many outcomes of this course.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

CHILDREN'S THEATER - Offered in odd years ONLY and Spring time ONLY.**9, 10, 11, 12**

Prerequisite: Credit earned in Drama or Acting

This one-term performance course incorporates children's literature into theatrical productions. Students will perform a wide range of characters geared towards young children. Puppets, children's stories, and original works will be incorporated.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

STAGE MOVEMENT**9, 10, 11, 12****Prerequisite: Credit earned in Drama**

In this one-term course students will explore physical techniques, body awareness, and spatial relationships connecting physical and emotional expression for stage. Techniques in acting will be expressed through music and dance. Non-verbal communication skills will be enhanced by completion of this course.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

MUSICAL - Offered in even years ONLY.**9, 10, 11, 12****Prerequisite: Credit earned in Drama**

This exciting one-term course is for students who enjoy musical productions. Course work will include instruction in dance, acting, vocal performance, and auditioning. Students will learn the history of musical theater and current Broadway trends. Physical movement, dance, and singing will be a daily focus and create a highly active course. No prior dance or singing instruction necessary.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

SCRIPTWRITING - Offered in even years ONLY.**9, 10, 11, 12****Prerequisite: Credit earned in Drama**

This one-term course is designed to introduce students to basic playwriting. Students will also study play structure and the formula for writing a scene or play. Emphasis will be placed on scenes, dialogue, and characterization, along with other elements of writing. Students will create their own works and have the possibility of producing them in another course.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

SCENERY AND STAGE DESIGN - Offered in even years ONLY.**9, 10, 11, 12****Prerequisite: Credit earned in Drama**

The purpose of this one-term course is to introduce students to the fundamentals of stage construction and design. Students will create a stage design and scenery for a selected play. Students will be working both as individuals and in groups. Construction of theatrical sets will include painting, woodworking, props, and many other building techniques. This course may be taught using actual student produced designs.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

ADVANCED ACTING - Offered in odd years ONLY.**10, 11, 12****Prerequisite: Credit earned in Acting**

This one-term course is for students interested in professional theater. Students will learn auditioning techniques for stage, film, and college performance. The student will develop a basic understanding of the audition process through the preparation of monologues. Actors will be required to critique others as well as themselves. Do you have what it takes to make it big?

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

ONE ACTS - Offered in odd years ONLY.**10, 11, 12****Prerequisite: Credit earned in Drama or Acting**

This one-term course will focus on directing and performance in a short play. Students will learn play production from beginning to end. Student-directed plays may be performed for the school community. Comedy, drama, and original works will be showcased.

This course IS repeatable for credit. Credit earned in this course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

TECHNICAL THEATER**10, 11, 12****Prerequisite: Credit earned in Drama and Instructor's approval**

This one-term course will cover everything from sound, lighting, props, scenic construction, wardrobe, and make-up. Students will be exposed to the process and skills necessary to produce theatrical presentations, and encouraged to participate in production activities for the school's drama departments.

This course IS repeatable for credit. Credit earned in this one-term course fulfills .5 credit of the Visual, Performing, & Applied Arts graduation requirements.

MUSIC

| <u>Course</u> | <u>Grades</u> |
|--------------------------|---------------|
| Band | 9, 10, 11, 12 |
| Advanced Band | 10, 11, 12 |
| Jazz Band | 9, 10, 11, 12 |
| Chorus (WHS) | 9, 10, 11, 12 |
| Concert Choir | 9, 10, 11, 12 |
| Select Choir (WHS) | 11, 12 |
| Resounding Harmony (CHS) | 10, 11, 12 |
| Varsity Choir (CHS) | 10, 11, 12 |

Students new to Bay City Public Schools must audition with the instructor prior to scheduling

IMPORTANT NOTE: Students involved in the instrumental or vocal music program and their parents must understand that part of the instruction for this program involves performance. There will be some weekend and/or evening rehearsals and performances, as well as summer obligations. Participation in these "co-curricular" sessions is expected as a part of the course.

BAND 9, 10, 11, 12

Prerequisite: Two years of band experience OR an audition.

Students who participate in this three-term course are expected to continue through the entire school year. Preschool summer marching band camp is expected for all members. Marching band comprises approximately the first nine weeks of the year and includes a complete marching experience. Performance at all home football games, possible away games and other exhibitions or competitions is included. To participate in color guard, students must enroll in band and play an instrument.

Following marching band, all students will actively participate in the concert band portion of the program. Band includes fundamentals of playing, development of the disciplines necessary for music ensembles, technical development and concert and contest experience. This course is designed to develop a student's skills so that they may eventually reach the next level of musicianship. Several evening concerts will be expected including participation in pep band. (See important note above)

This course IS repeatable for credit. Credit earned in this three-term course fulfills the Visual, Performing, Applied Arts requirements and .5 elective credit.

ADVANCED BAND 10, 11, 12

Prerequisite: Two years of band experience AND an audition.

Students who participate in this three-term course are expected to continue through the entire school year. Preschool summer marching band camp is expected for all members. Marching band comprises approximately the first nine weeks of the year and includes a complete marching experience. Performance at all home football games, possible away games and other exhibitions or competitions is included. To participate in color guard, students must enroll in band and play an instrument.

Following marching band, all students will actively participate in the concert band portion of the program. Advanced Band includes development of the fundamentals of playing, reinforcement of the disciplines necessary for music ensembles, technical development and concert and contest experience. This course is designed to develop a student's skills so that they may actively participate in college and adult performance opportunities. Several evening concerts will be expected including participation in pep band. (See important note above)

This course IS repeatable for credit. Credit earned in this three-term course fulfills the Visual, Performing, Applied Arts requirements and .5 elective credit.

JAZZ BAND 9, 10, 11, 12

Prerequisite: An audition

This is taken concurrently with the Band or Advanced Band courses or with the permission of the instructor and an audition.

Jazz Band is a three-term course and enrollment is open to all instruments including flute, clarinet, French horn, baritone, and tuba. Students will learn and perform music of many styles and time periods. Students will initiate improvisatory skills and learn jazz history through performance. Several evening concerts are expected throughout the year. (See important note above) **Jazz Band is offered outside the school day (zero hour) and must be taken for a full year to receive credit.** This course is taken as an overload to your regular schedule.

This course IS repeatable for credit. This course is for CR/NC, not a letter grade.

Credit earned in this three-term course fulfills Visual, Performing, Applied Arts requirements. .

CHORUS (WHS ONLY) 9, 10, 11, 12

This three-term course is aimed at helping students develop appreciation and understanding of the art of music through singing. Basic music fundamentals, vocal techniques and sight-reading are the skills students will be expected to develop and understand. Music of all types, both sacred and secular, will be used as part of the course content. The group will also be expected to make several public performances throughout the year including the Spring show. Although this course does help prepare students for more advanced vocal groups, students should expect a satisfying musical experience (on beginning level) within the context of this one course. This is a yearlong course.

This course IS repeatable for credit.

Credit earned in this three-term course fulfills 1 credit of the Visual, Performing, Applied Arts requirements and .5 elective credit.

CONCERT CHOIR 9, 10, 11, 12

Prerequisite: Instructor's approval and audition.

Concert Choir is a three-term course open to males and females and performance based. Students participating in Concert Choir are expected to have a good basic musical background. The demands in this choir are great because of its many performance activities. Concentration on developing vocal skills to a fine quality is of first importance. All literature used is challenging and of many different styles. Concert Choir participates in all major school concerts and the Michigan School Vocal Association Festivals.

This course IS repeatable for credit. Credit earned in this course fulfills 1 credit of the Visual, Performing, Applied Arts requirements and .5 elective credit.

VARSITY CHOIR (CHS ONLY) 10, 11, 12

Prerequisite: Audition

This is an advanced three-term course. It is open to males and females. All of the requirements that exist for Resounding Harmony pertain to this course offering as well. This course is taken as an overload to your regular schedule.

Varsity Choir is offered outside the school day (zero hour) and must be taken for a full year to receive credit.

This course IS repeatable for credit. This course is for CR/NC, not a letter grade.

Credit earned in this three-term course fulfills 1 credit of the Visual, Performing, Applied Arts requirements and .5 elective credit.

RESOUNDING HARMONY (CHS ONLY) 10, 11, 12

SELECT CHOIR (WHS ONLY) 11, 12

Prerequisite: Director's approval, recommendation, and audition

This three-term course is a select group of advanced voices. Students participating in this ensemble are expected to have an extensive musical background. The demands in this ensemble are great because of its many extra-curricular performance activities. Concentration on developing vocal skills to a fine quality is of utmost importance. All literature is diverse and challenging. Students in these courses participate in all major school concerts, Solo and Ensemble, Michigan School Vocal Association Festival, personal appearance performances and Spring Show.

This course IS repeatable for credit.

Credit earned in this three-term course fulfills 1 credit of the Visual, Performing, Applied Arts requirements and .5 elective credit.

MISCELLANEOUS

Table with 2 columns: Course and Grades. Course: Leadership Connections (WHS ONLY), Leadership Central (CHS ONLY). Grades: 9, 10, 11, 12, 11, 12.

LEADERSHIP CONNECTIONS (WHS ONLY)

9, 10, 11, 12

Prerequisite: Application, interview and approval of instructor

This one term course seeks to teach the importance and benefits of volunteerism through experience by creating, developing, performing and evaluating volunteer projects in the Bay City community.

This course is intended for freshmen, sophomores, juniors, and seniors. This course is looking for students who have demonstrated leadership qualities or who feel they have leadership potential;

This course IS repeatable for credit.

LEADERSHIP CENTRAL (CHS ONLY)

11, 12

Prerequisites: Application, interview and/or acceptance into Link Leader Program

This one-term course seeks to teach leadership skills as they may be applied to the mentoring of current 9th grade students. This course is intended for Link Leaders who believe in helping others and making a positive change in our school community.

This course IS repeatable for credit. This course is offered outside the school day and students will receive NC or CR .25 credits per term.

CAREER CENTER

Table with 2 columns: 1st Session and 2nd Session. 1st Session: 7:55 - 10:35 a.m. (Bus provided). 2nd Session: 12:00 - 2:40 p.m. (Bus provided).

CAREER CENTER COURSE NUMBERS

First digit indicates the session

Career Center Course Numbers A.M. NUMBERS START WITH "1" P.M. NUMBERS START WITH "2"

ALL CAREER CENTER ENROLLMENTS MUST BE APPLIED FOR AND CLEARED THROUGH THE CAREER CENTER COORDINATOR AT EACH SCHOOL.

BAY-ARENAC ISD CAREER CENTER COURSE DESCRIPTIONS ARTS & COMMUNICATIONS PATHWAY

X145 X146 GRAPHICS & PRINTING COMMUNICATIONS X245 X246 2 YEARS

This program is designed for students interested in the graphics and printing industry such as Computer Graphics, Printing, Photography, Graphic Design, Screen Printing and Illustration.

Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

BUSINESS, MANAGEMENT, MARKETING & TECHNOLOGY PATHWAY

X198 X199 BUSINESS INFORMATION PROCESSING X298 X299 2 YEARS

Program area is a Microsoft testing center for students.

Students are offered advanced office technology in the career fields of Administrative Office Professional, and Multimedia Specialist. Students have the opportunity to be certified in an authorized testing center.

Students may earn college credit. Student Club: BPA (Business Professionals of America)

This class will fulfill one semester of the computer requirement for graduation.

X180 X181 COMPUTER NETWORKING & TECHNOLOGIES X280 X281 2 YEARS

Students have the opportunity to become certified specialists in several computer and networking fields. Students focus on one of four areas: PC Repair, Web Design, Programming, and Network Administration.

College credit and certification may be earned. Student Club: BPA (Business Professionals of America).

This class will fulfill one semester of the computer requirement for graduation.

X125 X127 **CULINARY ARTS, TOURISM, & HOSPITALITY MANAGEMENT**
X225 X227 **2 YEARS**

This program offers students practical hands-on experiences and training in a variety of food production service areas. The new BLOOMING CHEFS RESTAURANT, located in the Center, is open to the public and offers table and banquet service. Students also learn management skills and explore the travel industry.

Students may earn Serve Safe and Pro-Start certifications as well as college credit. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X192 X193 **MARKETING & MANAGEMENT TECHNICAL ACADEMY**
X292 X293 **2 YEARS**

The classroom is located in the Bay City Mall and provides students with the opportunity to learn in a business environment. Students learn marketing, management and entrepreneurial skills. State-of-the-art computers and software are used to implement class projects. Mall tenants as well as surrounding businesses provide real life experiences reinforcing classroom learning.

This is a fast paced program that provides students with college credit upon completion. Student Club: DECA (an association of marketing students)

HEALTH SCIENCES PATHWAY

X191 **DENTAL OCCUPATIONS**
X291 **1 YEAR**

Dental Occupations is a one-year program that offers training in all aspects of the dental profession. The program prepares students to work in a professional and competent manner with individuals of all ages. Students experience the challenge of working in the Career Center Dental Clinic and on work experience in area offices or dental labs.

College credit and certifications may be earned. Student Club: HOSA (Health Occupations Students of America)

X134 **FORENSIC SCIENCE**
X234 **1 YEAR**

Students will discover scientific answers to questions involving mysterious circumstances, medical, or legal issues. Program features include state-of-the-art forensic laboratory, use of investigative tools, DNA testing, Toxicology, Chemistry and Ballistics, medical and physical science applications, as well as chemical handling and contamination procedures.

College credit and certification may be earned. Student Club: HOSA (Health Occupations of America)

X194 X195 **HEALTH TECHNOLOGY/MEDICAL SCIENCE**
X294 X295 **2 YEARS**

The classroom for the program is located at Bay Regional Medical Center and has been designed for the highly motivated academic student interested in pursuing a career in a medical profession. Teaching is a team approach with community professionals sharing their expertise. Students have the opportunity to participate in six mentorships. Examples are: Physical Therapy, Pharmacy, Veterinary Medicine and Speech Pathology. A second year of study is available for students wishing to pursue an in-depth study of a specific health care field.

College credit and certifications may be earned. Student Club: HOSA (Health Occupations Students of America)

X196 **NURSING ASSISTANT/ HEALTH CAREERS**
X296 **1 YEAR**

Students may earn their Certified Nursing Assistant Certification and explore a variety of health careers while learning the fundamentals of health care. Program features include training in a state-of-the-art medical facility. Students will study the following areas: anatomy and physiology, vital signs and infection control.

College credit and certifications may be earned. Student Club: HOSA (Health Occupations of America)

X136 **PHYSICAL THERAPY, OCCUPATIONAL THERAPY & SPORTS MEDICINE**
X236 **1 YEAR**

Students will learn how the body heals after injury or illness with the assistance of rehabilitative services. Program features include: specially equipped rehabilitation facility, basic patient care, therapeutic program development, rehabilitative equipment training, and patient management.

College credit and certifications may be earned. Student Club: HOSA (Health Occupations of America)

X130 **VETERINARY SCIENCE**
X230 **1 YEAR**

A Doctor of Veterinary Medicine will provide instruction to students while they learn about science through the medical and surgical treatment of animals. Program features include: operating veterinary clinic with kennels, exam and prep areas; surgical procedure operating room; animal care and handling; vital signs and nursing skills, as well as principles of surgical nursing.

College credit and certifications may be earned. Student Club: HOSA (Health Occupations of America)

HUMAN SERVICES PATHWAY

X123 **EARLY CHILDHOOD EDUCATION**
X223 **1 YEAR**

Students learn how to create a safe, comfortable environment in which children can grow and learn. This program is unique in that students are able to further develop these skills in the Career Center's licensed preschool. Students will experience working and observing in the Career Center Preschool, Community Preschools, Day Care Centers and Elementary Schools. Teaching is a team approach with community professionals sharing their expertise. Students work towards their Child Development Associate Certificate, which is nationally recognized.

College credit and certification may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X233 COSMETOLOGY 1 YEAR

This course is designed to prepare students for the state cosmetology examination and licensing process. Cosmetologists provide beauty services such as caring for the hair, beautifying the face and grooming hands and nails. The clinical salon lab environment provides a real world, hands-on training with customers and establishes clientele.

Licensing and college credit may be earned. (NOTE: This course requires full-time attendance during the summer between the junior and senior year). Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

**X155 LAW ENFORCEMENT/CRIMINAL JUSTICE
X255 1 YEAR**

This program offers training in all aspects of the criminal justice profession. Students will have an opportunity to learn firsthand the technical skills needed for Fingerprinting and Photography, Collecting Physical Evidence, Basic Police Functions, the Court System, the Bill of Rights/Amendments and the Corrections System. Students have the opportunity to participate in a work experience with various criminal justice organizations during the second semester. Interesting guest speakers and field trips provide firsthand knowledge.

College credit and certifications may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

MANUFACTURING & INDUSTRIAL TECHNOLOGY PATHWAY

**X105 X107 AUTO BODY REPAIR
X205 X207 2 YEARS**

Program area is Automobile Service Excellence (ASE) certified in painting and refinishing.

Students will develop the hands-on entry-level skills necessary to repair damaged vehicles along with painting and refinishing. The Career Center has a large auto body repair shop that has all of the tools and equipment found in most independent body shops and dealerships. Students have the opportunity to tour area body shops as well as hear guest speakers with the latest information on collision repair. The Unitized Structural Body Repair Michigan Certification is offered.

College credit and certifications may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

**X111 X113 AUTO MECHANICS
X211 X213 2 YEARS**

Program is Automobile Service Excellence (ASE) certified.

Students have the opportunity to learn the skills necessary to take the Michigan Motor Vehicle Mechanics Competency Tests. The large service area has up to date equipment that would be found in many dealerships or independent garages. Students will work on newer, donated vehicles to develop their skills. Field trips and guest speakers help to make the program interesting and up to date. Students will also develop their skills in local businesses on mentorships and internships. The program has been nationally certified through ASE.

College credit and certifications may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

**X117 X119 BUILDING TRADES I & II
X217 X219 2 YEARS**

During the first year, students learn the basic skills of residential home construction. Exciting projects are centered on units in Carpentry, Masonry and Electrical Wiring. During the second year students apply their skills while building a residential home in the community. Mentorships and internships at area businesses expose students to the work place environment. Apprenticeships are also an option. Students will learn about green build techniques.

College credit and certification are offered including Skytrak. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

**X177 X179 ELECTRONICS/ROBOTICS
X277 X279 2 YEARS**

Students in this program have the opportunity to learn about Electricity, Computers, Solid State and Digital Electronics, Robotics and Automation as well as communication electronics. Hands-on skills as well as high technology and scientific knowledge make electronics one of the most interesting and exciting career areas. Students will work on projects such as building and programming a robot as well as building a radio receiver.

College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

**X171 X173 ENGINEERING DRAFTING
X271 X273 2 YEARS**

Drafters prepare technical drawings to build industrial machinery and other manufactured products. Mechanical drafters draw detailed working diagrams of machinery and mechanical devices, including dimensions, tolerances, finishes and other engineering information. Students learn through hands-on experiences, group activities, field trips and lectures. Students work with other Career Center programs to design and build projects. Students may take the American Design and drafting association certified drafter's exam.

College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

**X151 X153 HEATING, AIR CONDITIONING, & REFRIGERATION
X251X253 2 YEARS**

Student in this program specialize in installation, maintenance and repair. Many technicians perform both installation and service on all types of heating and cooling equipment. Students have the opportunity to work with the Building Trades program on the project house and with Habitat for Humanity. Students install gas lines, fabricate and install ductwork and complete heating and air conditioning systems. Students are prepared and tested for EPA Certification. With a satisfactory score, the student receives Federal Refrigerant Handling Certification.

College credit and certifications may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X165 X167 **MACHINE TRADES**

X265 X267 **2 YEARS**

National Institute of Metal-Working Skills (NIMS) Certified.

Students learn how to set up and operate various metal-working machines and construct projects from engineering drawings. Machinists use machine tools such as lathes, drill presses and milling machines to produce precision, machined parts. Students also have hands-on opportunities with the latest high tech advancements in computerized machinery such as Computer Numerical Control (CNC).

Students may earn certification through the National Institute of Metal Working Skills. Apprenticeships as well as college credit are possible.

Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X183 X184 **SMALL ENGINE REPAIR**

X283 X284 **2 YEARS**

Chain saws and garden equipment are just a few of the gasoline-powered engines that are used in everyday life. Students have the opportunity to take apart, reassemble and operate several different kinds of engines while working as a part of a team. Students also assist in the operation of an in-class repair shop. They also have the opportunity for mentorships, internships and full and part-time jobs. Customer service skills including sales are also taught. Students have the opportunity to receive a certificate for successful completion of the computerized Part Smart Program. Michigan Motorcycle Repair Certification is offered.

Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X187 X189 **WELDING**

X287 X289 **2 YEARS**

Students are prepared for a variety of jobs in the metal fabrication industry. Along with training in various types of welding and cutting processes, the student receives instruction in the use of industrial equipment. Students have the opportunity to design and build special projects that are used in the community for organizations, such as Camp Fish tales. Field trips, mentorships and internships expose students to the workplace. Students may take the AWS (American Welding Society) certification test at Delta College.

College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

NATURAL RESOURCES & AGRISCIENCE PATHWAY

X161 X163 **AGRISCIENCE**

X261 X263 **2 YEARS**

This program is designed for students to explore the exciting field of today's Agriscience careers, including Environmental Technology, Indoor and Outdoor Plant-scaping, Plant and Animal Sciences, Pest Management, Biotechnology and Floral Design. The program has a new fully operational greenhouse. Students have the opportunity for field trips, interesting guest speakers, mentorships and internships.

Pesticide Applicator Certification is offered.

College credit may be earned.

Student Club: National FFA (Future Farmers of America)

CAREER ELECTIVES BY PATHWAY

Master List of Courses That Qualify as Career Electives

Arts & Communications

3-D Design
Accounting/ Adv. Accounting
Advanced Communications
All Art
All Broadcasting Courses
All CAD/Drafting Courses
All Drama Courses
All Foreign Language Courses
All Math Courses beyond the core requirement
All Music Classes
All Radio & TV Courses
All Science courses beyond the core requirements
Career Center Graphics & Printing
Career Opportunities
Claymation
Communications
Communications with Multimedia
Creative Writing
Dance / Aerobics
Debate
Desktop Publishing
Digital Audio Productions
Digital Media
Expository Writing (CHS)
Forensics
Interview Preparations
Introduction to Business
Introduction to Journalism
Leadership Connections (WHS)
Leadership Central (CHS)
New Voices (CHS)
Sales & Marketing & Management
Sociology
Technical Theater
Web Page Design
Writing for Publication I & II
Video Editing & Advanced

Business, Management, Marketing and Technology

Accounting / Adv. Accounting
Advanced Programming (WHS)
All CAD/Drafting Courses
All Drama Courses
All Foreign Language Courses
All Math Courses beyond the core requirement
All Science Courses beyond the core requirement
All Sewing courses
A.P. Government
Business & Consumer Law Courses
Career Center Business Information Processing
Career Central (CHS)
Career Center Commercial Foods
Career Center Computer Networking & Technologies
Career Center Financial Business Careers
Career Center Marketing & Management
Career Exploration (WHS)
Career Opportunities 1
Co-op Education
Computer Programming (WHS)
Culinary Arts
Desktop Publishing
Financial Management
Leadership Connections (WHS)
Sales, Marketing & Management
Michigan History
Personal Finance
Power Point & Access Adv.
Promotion & Entrepreneurship Marketing
Psychology
Retail Mkt.
Sociology
Sports & Entertainment Mkt.
Technology
Web Page Design
Word & Excel Adv.

Health Services

All Foreign Language Classes
All Math Classes beyond the core requirement
All Science Classes beyond the core requirement
Business & Consumer Law Classes
Career Center Dental Occupations
Career Center Health Technology
Career Center Forensic Science
Career Center Nursing Assistant
Career Center PT, OT & Sports Medicine
Career Center Veterinary Science
Career Opportunities
Communications
Co-op Education
Genetics
Human Development
Human Anatomy/Physiology
Leadership Connections (WHS)
Leadership Central (CHS)
Living Well (CHS)
Psychology
Sociology
Technology II

Human Services

3-D Design
All Art
All Culinary/Food Course
All Foreign Language Course
All Math Courses beyond the core requirement
All Science Course beyond the core requirements
All Sewing Courses
AP Government
Business & Consumer Law Courses
Career Center Cosmetology
CarCan Early Childhood Education
Career Center Law
Career Opportunities
Claymation
Co-op Education
Creative Writing
Debate
Forensics
Human Development
Human Physiology / Genetics
Leadership Central (CHS)
Leadership Connections (WHS)
Living Well
Michigan History
Pre-School (WHS)
Psychology
Sociology
Word & Excel Adv

Engineering, Manufacturing, & Industrial Technology

Advanced Programming (WHS)
All CAD/Drafting Courses
All Foreign Language courses
All Math courses beyond the core requirement
All Science courses beyond the core requirement
All Welding Courses
All Woodworking/Carpentry Courses
Auto & Engine Courses
Business & Consumer Law Courses
Career Center Auto Body Repair
Career Center Auto Mechanics
Career Center Building Trades
Career Center Electronics
Career Center Engineering Drafting
Career Center Heating, Air, Refrigeration
Career Center Machine Trades
Career Center Manufacture Tech Partnership
Career Center Small Engine Repair
Career Center Truck & Equip Mechanics
Career Center Welding
Career Opportunities
Career Exploration (WHS)
Co-op Education
Desktop Publishing
Leadership Connections (WHS)
Leadership Central (CHS)
Word & Excel Adv.

Natural Resources and Agriscience

All Foreign Language Classes
All Math Class beyond the core requirement
All Science Classes beyond the core requirements
Botany
Business & Consumer Law Classes
Career Center Agriscience
Career Opportunities
Co-op
Debate
Diversity of Life 1 & 2
Environmental Science 1 & 2
Human Physiology / Genetics
Leadership Connections (WHS)
Leadership Central (CHS)
Psychology
Sociology
Technology I & II
Word & Excel Adv

Special Education classes meet Career Elective requirements as per student I.E.P.

COURSES THAT FULFILL THE CAREER BASED LEARNING REQUIREMENT FOR GRADUATION!
(From CHS, WHS and Career Center)

| | |
|---|--|
| Accounting / Advanced Accounting | Digital Media |
| Advanced & Automotive Service | Drafting Design & CAD |
| Advanced AutoCAD | Engineering Graphics |
| Advanced Communications | Exploratory Wood Working |
| Advanced & Mechanical Design CAD | Financial Management |
| Advanced Sewing | Foods & Nutrition |
| Advanced Welding 1&2 | Human Development |
| Advanced Woodworking & Furniture Making | Independent Living Skills |
| All Communications beyond core requirements | Interior Design |
| All Computer Programming | Interview Preparations |
| All Drama | Introduction to Business |
| All Mech. Design/AutoCAD 1&2 | Introduction to Carpentry Building |
| All Welding | Life Guarding/ Advanced Swimming |
| Architectural Design/Auto Cad | Living Well |
| Art/3-D Design 1&2 | Sales & Marketing / Management |
| Art/Advanced 3-D Design 3&4 | Modern Furniture & Design |
| Art/Advanced 3-D Design 5&6 | Officiating High School Sports |
| Automotive Service 1&2 | Personal Finance |
| Beginning Sewing | Preschool (WHS) |
| Botany | Promotion & Entrepreneurship Marketing |
| Career Center Programs | Radio Studio Operations |
| Career Opportunities | Retail Marketing |
| Carpentry & Building construction | Small Engine Repair 1&2 |
| Communications with Multimedia | Sports & Entertainment Marketing |
| Construction 1 & 2 Co-operative education | Technology Explorations |
| Consumer Money | Television Production |
| Culinary Arts | Television Studio & Field Performance |
| Debate | Television & Film Industry |
| Desktop Publishing | Video Editing / Advanced Video Editing |
| Digital Audio Productions | Writing for Publication II |