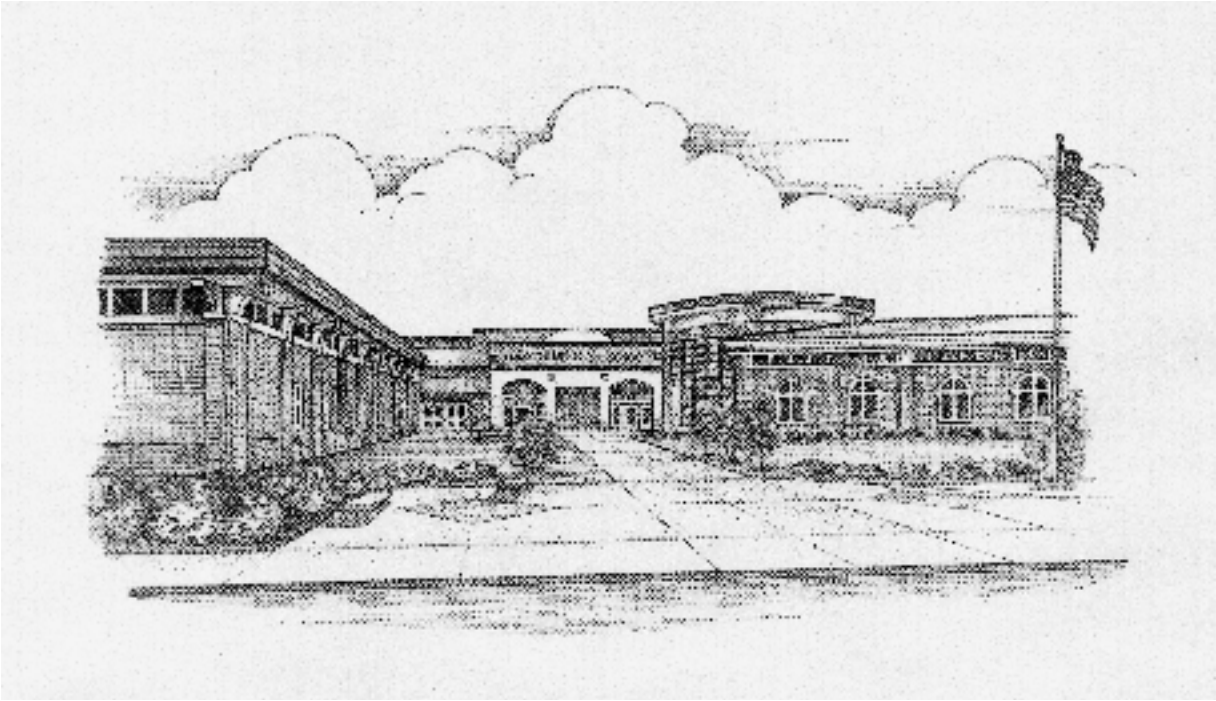
HARTLAND HIGH SCHOOL



North Central Accredited

2011-2012

Career Guide
And
Course Offerings

Dream freely
Envision excellence
Cherish your creations
Exude enthusiasm
Be inspired
Inspire others
Take pride in you
Recognize inner beauty
Draw on inner strength
Look inside your soul
Create peace
Seek truth
Spread joy
Embark on adventure
Launch new ideas
Think big
Invoke positives
Live fully
Reach out
Aim high
Find happiness
Expect the best
Be the best

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STATEMENT OF COMPLIANCE WITH FEDERAL LAW

The Hartland Consolidated School District complies with all Federal Laws and regulations of the US. Department of Education. It is the policy of the Hartland Consolidated School District that no person on the basis of race, color, religion, national origin or ancestry, age, sex, marital status, handicap, or limited English proficiency shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education.

Presented: June 27, 1988
Approved: June 27, 1988

HARTLAND HIGH SCHOOL'S MISSION

The mission of Hartland High School is to provide the opportunity and the encouragement for each student to become a caring, productive, and successful member of the global community.

OUR BELIEF STATEMENTS

WE BELIEVE THAT ...

* All students can learn.
* All individuals are equally worthy.
* A good self-concept is essential for success.
* A safe, clean, supportive, and orderly environment is essential for effective learning.
* High expectations that are clearly stated promote success.
* Teachers should provide a varied and challenging learning environment.
* Students should accept responsibility for their own learning.
* Success is best achieved when home, school, business, and community work together.
* It is important for students to develop attitudes and skills that promote lifelong learning.
* It is important that educators help students become caring, responsible members of the global community.

MESSAGE TO THE STUDENTS

This guide is prepared to provide you with information concerning your high school program of study. We encourage parents and students to work cooperatively in determining the best possible course selections. Students should consider their career paths and plan wisely. The master schedule is built based on student requests, thus, schedule changes will be limited. As you proceed in your planning, please seek guidance from teachers, counselors and administrators. It is our goal to assist every student to achieve the following:

GRADUATE OUTCOMES

Graduates of Hartland High School

will be able to communicate effectively in written and spoken language.
will be able to work with others to reach agreement, resolve conflict, and/or accomplish goals.
will be self-motivated lifelong learners.
will exhibit behaviors that demonstrate self-esteem.
will use higher order thinking skills and appropriate strategies to solve problems.
will understand and value cultural diversity.

SCHEDULING PROCESS

AVAILABILITY OF COURSES DESCRIBED IN THE PROGRAM OF STUDIES
Our curriculum contains a wide variety of courses. Staffing decisions are made in light of course enrollment and available resources. Low enrollment or staffing constraints may result in the cancellation of some courses and/or sections of courses. Because the master scheduling of the classes and the teachers is based on students' requests, it is very important that students carefully consider selections. Granting schedule changes becomes more difficult as student enrollment continues to climb.

STUDENT SCHEDULE CHANGE REQUESTS must be initiated through the counseling office. Student schedules are built based upon student requests. Schedule change requests will be made only if a student attends summer school, does not meet a prerequisite, or as a result of a course having been cancelled. Changes will be honored within the realistic boundaries of class size, time periods and the student's overall program. Students must be sure that all school requirements are met when considering their overall schedule. Additionally when scheduling, students need to pay particular attention to prerequisites of courses.

DROPPING OR ADDING CLASSES after the school year begins is very disruptive to the educational process. Therefore, it is important that the following reasons for change be adhered to within the first five days of classes:

1. Failing performance or teacher recommendation.
2. Inappropriate class placement.
   *Lacks course prerequisite
   *Receives a class that was not requested
   *Clerical error
   *Incomplete schedule

REASONS FOR CHANGES BEYOND THE FIRST FIVE DAYS OF CLASS MAY INCLUDE:

1. Counselor backlog of students to be scheduled.
2. Adjustment to the level of class placement upon recommendation of sending teacher and counselor.
3. Administrative recommendation based upon results of communication between the administrator, teacher, parents, and student. If this communication results in a schedule change and a new course is added after the ninth week of the course, the student will receive a Satisfactory/Unsatisfactory grade in the new class but will receive no credit. In addition current grades will always transfer with a change. (NOTE: If students are successful in the class in question, it is not likely that permission will be granted to drop the course.)

A REQUEST TO CHANGE TEACHERS WILL BE HONORED ONLY WHEN THE BASIS FOR CHANGE IS A PREVIOUS COURSE EXPERIENCE WITH THE TEACHER.

Students are required to take six classes each semester.

NOTE: Students must be enrolled in a class prior to the ninth week to receive credit for the semester. (Exception: change of level, e.g., Honors Chemistry to Chemistry, or new transfer into the district (grades from previous district transfer in.)

GRADING SYSTEM

Hartland uses the following grading system for non Advanced Placement courses:

A	=	4.0	B	=	3.0	C	=	2.0	D	=	1.0
A-	=	3.7	B-	=	2.7	C-	=	1.7	D-	=	0.7
B+	=	3.3	C+	=	2.3	D+	=	1.3	E	=	0.0

Hartland uses the following weighted grading system for Advanced Placement courses:

A	=	5.0	B	=	4.0	C	=	3.0	D	=	2.0
A-	=	4.7	B-	=	3.7	C-	=	2.7	D-	=	1.7
B+	=	4.3	C+	=	3.3	D+	=	2.3	E	=	0.0

I = Incomplete, No Credit, *NPV
U = Fail due to attendance, No Credit, *NPV
S = Pass, No Credit, *NPV (pre-req. credit)
P = Pass, Credit, *NPV
F = Fail, No Credit, *NPV
W = Withdrawl, No Credit, *NPV

*NPV = No Point Value

There are no numerical values for I, S, F, U, P or W, therefore, the G.P.A. is not changed.
Students earn the above numerical values for each grade given. The total of the grade points is then divided by the total number of grades to give a grade point average (G.P.A.)

EXAMPLE	Hour	Class	Grade	Honor Points
	1	AP Psychology	A	5.0
	2	Earth Science	B	3.0
	3	F. English	C	2.0
	4	World History	B+	3.3
	5	Art I	B-	2.7
	6	Health	E	0.0

16 honor points divided by 6 classes = 2.6 or a C+ g.p.a.

Class Ranking
Semester grades are used for class ranking. Numerical values are assigned to semester grades, divided by number of grades, and cumulative G.P.A. is determined. Students will be given an approximate ranking at the end of the junior year (six semesters). This will be used for college applications during the fall of the senior year. Class rank for seniors will be determined at the end of the eighth semester.

Graduating with Honors
On Honors Night, at the graduation ceremony, and in any news releases students who have achieved an overall 3.5 G.P.A. will be formally recognized and honored for their academic achievement. Students will be recognized as Summa Cum Laude (3.8-4.0+) and Magna Cum Laude (3.5-3.799.)

Early Completion of High School
Hartland High School is an eight-semester high school. However, we understand that circumstances come up which may require early completion. The Early Completion Form should be filled out prior to the beginning of the senior year.

Promotion Procedures

9th to 10th grade:	A student must have accumulated at least 5 credits.
10th to 11th grade:	A student must have accumulated at least 10 credits.
11th to 12th grade:	A student must have accumulated at least 15.5 credits.
To graduate:	A student must have accumulated at least 22 credits.

Students will be notified at the end of the school year if there is a credit deficiency. Students may make up that credit deficiency in summer school or through Community Education (night school) classes.

COMMUNITY EDUCATION CLASSES

Seniors may participate in Community Education classes in administratively approved districts in an effort to earn needed credits for graduation. Counselor permission slips must be obtained prior to enrollment.

NCAA INITIAL – ELIGIBILITY CLEARINGHOUSE

There are specific high school course requirements for students who are considering participating in intercollegiate athletics at a college or university. Students for whom this may be an option should consult with their counselor each year and review the listing of NCAA approved courses for Hartland High School. It is very important that students and counselors work closely to complete all necessary steps to ensure eligibility. Please read the following page carefully for more information on NCAA.
Students must register no later than the second semester of their junior year. Registration must be completed on-line at www.clearinghouse.net. Students may wish to consult a counselor to help with this process.

LIST OF NCAA APPROVED COURSES

English: American Humanaties-H, American Literature & Comp, American Studies-Lit, AP Language and Composition, AP Literature and Composition, Applied Communication, British Literature and Composition, Competitive Debate, Composition A, Composition B, Creative Writing, Debate I, Contemporary Compostion and Literature, Forensics, Freshmen English, Freshmen English H Journalism, Public Speaking, World Literature, Language Arts 9, Language Arts 10, and Language Arts 11 & 12.

Social Science: American Government, American History, American Humanities-H, American Studies-History, AP European History, Basic American History, Contemporary Affairs, Economics, Global Studies, Intro to Psychology, Sociology, Government, Practical Law, US History, World History and AP Psychology.

Mathematics: Algebra 1A, Algebra IB, Algebra IIA, Algebra IIB, Algebra II/Trigonometry-H, AP Calculus AB, AP Calculus BC, Geometry A, Geometry B, Advanced Geometry-H, Introductory Statistics, Precalculus-H, Calculus A, Calulus B, Pre-Calculus A, Pre-Calculus B, AP Statisics, Trigonometry

Science: Anatomy & Physiology, AP Biology, AP Chemistry, AP Physics, Biology A, Biology B, Chemistry A, Chemistry B, Honors Chemistry, Honors Physics, Geophysical Science A, Geophysical Science B, Environmental Science, Integrated Science, and Life Science, Physics A, Physics B

Additional Courses: French 1-5, German 1-4, Spanish 1-4, AP Spanish

NCAA Freshman Eligibility Standards

Division I

If you enroll in a Division I college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

• Graduate from high school;
• Complete these 16 core courses:
- 4 years of English
- 3 years of math (Algebra 1 or higher)
- 2 years of natural/physical science (including one year of lab science if offered by your high school)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional core courses (from any category above, or foreign language, or nondoctrinal religion/philosophy);

• Earn a minimum required grade-point average in your core courses (according to the sliding scale); and
• Earn a combined SAT or ACT sum score that matches or is higher than grade point average on the NCAA sliding scale . See www.ncaaclearinghouse.net for the sliding scale.

Division II

If you enroll in a Division II college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

• Graduate from high school;
• Complete these 14 core courses:
- 3 years of English
- 2 years of math (Algebra 1 or higher)
- 2 years of natural/physical science (including one year of lab science if offered by your high school)
- 2 years of additional English, math or natural/physical science
- 2 years of social science
- 3 years of additional core courses (from any category above, or foreign language, or nondoctrinal religion/philosophy);

• Earn a 2.000 grade-point average or better in your core courses; and
• Earn a combined SAT score of 820 or an ACT sum score of 68. There is no sliding scale in Division II.

Important

Meeting the NCAA academic rules does not guarantee your admission into a college.

How Your Core-Course Grade-Point Average is Calculated

The Clearinghouse will calculate the grade-point average of your core courses on a 4.000 scale. The best grades from your NCAA core courses will be used. If your high school uses plus and minus grades (such as A+ or B–), the plus or minus will not be used to calculate your core-course grade-point average. The Clearinghouse will assign the following values to each letter grade:

A - 4 points B - 3 points C - 2 points D - 1 point

Test-Score Requirements

You must achieve the required score on an SAT or ACT test before your full-time college enrollment. You must take the test on a National Testing Date. (MME testing in March does not qualify as a National Test Date) Your test score will continue to be calculated using the math and verbal/critical reading subsections of the SAT and the math, science, English and reading subsections of the ACT. The writing component of the ACT or SAT will not be used to determine your qualifier status.

GRADUATION REQUIREMENTS

Graduation requirements for Hartland High School students shall be established by the Board of Education.
****The Class of 2011 and beyond are required to meet the Rigorous Curriculum Graduation Requirements that have been adopted by the State of Michigan. ****

To be eligible for graduation from Hartland High School, a regular day student must:

1. attend eight (8) semesters of high school or arrange for early graduation with your counselor
2. be enrolled for a full complement of credits each semester
3. meet the minimum attendance requirements
4. successfully meet alternative requirements as established by the Hartland Board of Education
5. successfully complete 22 credits while in grades 9-12
6. participate in the MME/MI Access testing during eleventh grade. (In extreme cases students may petition for the re-testing period in their senior year to count for this requirement.)
7. successfully complete, with a grade of D- or better, required credits in the following areas:

English: 8 semesters, to include

- A. Freshman English or Honors Freshman English (2 semesters)
- B. American Literature & Composition or American Studies or Honors American Humanities (2 semesters)
- C. Contemporary Composition & Literature or Composition A & B or A.P. Language & Composition (2 semesters)
- D. One semester of the following as a Senior: British Literature, World Literature, A.P. Literature, Applied Communication, Creative Writing, or A.P. Literature (1 semester)
- E. One additional semester of an English elective course

Social Studies: 6 semesters, to include

- A. Global Studies (2 semesters)
- B. U.S. History (2 semesters)
- C. Government (1 semester)
- D. Economics (1 semester) or Marketing 1 (2 semesters)

Science: 6 semesters, to include

- A. Geophysical Science A & B (2 semesters or 1 semester of Earth Science)
- B. Biology (2 semesters)
- C. Chemistry or Physics (2 semesters of either)

Math: 8 semesters

- A. Algebra I A & I B (2 semesters)
- B. Geometry A & B (2 semesters)
- C. Algebra II A & II B (2 semesters)
- D. Math Course in 12th grade (2 semesters)

Computers:

- A. On-line learning experience

Visual, Performing, or Applied Arts:

- A. Two semesters of courses that qualify as VPA (art, music, career tech, etc.)

Physical Education/Health: 2 semesters

- A. Health: 1 semester, recommended in ninth or tenth grade
- B. Physical Conditioning: 1 semester, recommended in ninth or tenth grade.

*Three consecutive years of high school marching band camp and passing grades in six consecutive semesters of band class meet this requirement. Revised School Code 380.1502 (2)

**Students must be careful not to lose credit due to attendance issues as found in the parent-student handbook.

TESTING OUT OF A CLASS

Testing Out gives a student the opportunity to skip a course if they can demonstrate proficiency in the course material. Each class has a different set of requirements which can range from only passing an exam to completing independent work or portfolio assignments in addition to a required exam. In all cases a C+ (76%) is the minimum score allowed for "passing". Students who earn a C+ (76%) or better will earn credit for the class and are allowed to enroll in the next course in the sequence. Students who pass a test out exam will receive a grade of P/F (Pass/Fail) on their transcript which will not be calculated in a student's G.P.A. Students are given the opportunity to test out two times each calendar year, in late August and again in mid-January. There is no flexibility on the announced test dates each year. Students must be available on the testing date if they want to participate in Testing Out. The sign up windows are as follows: August: Students may sign up from April 1 through May 15. Study materials are usually available on the Tuesday after school is out in June. January: Students may sign up from October 1 through October 31. Study materials pick up are usually available during the second week of November. Please go to the high school's web page for a flyer that addresses frequently asked questions about Testing Out. Testing Out applications are available online and in the Counseling Office.

HIGH SCHOOL CREDITS EARNED WHILE IN MIDDLE SCHOOL

High School credits earned by a middle school student will be recorded on the students' transcript, but will not be counted into the students' high school G.P.A. The cumulative high school GPA will begin when a student enters the ninth grade. Credits earned during middle school will count toward the rigorous curriculum requirements, however, students will still be required to earn 22 credits during high school.

PERSONAL CURRICULUM

The Personal Curriculum option is available to students who are eligible for special education services and have a current Individual Educational Plan (IEP) or a general education student who has completed Algebra and Geometry and has an Educational Development Plan (EDP) in place. The law allows certain modifications to the Michigan Merit Curriculum graduation requirements through the development of a Personal Curriculum. A Request for Personal Curriculum form may be obtained from the student's counselor at anytime in which the parent feels that their child meets the guidelines for requesting one.

SEAT-TIME WAIVER

A student may be eligible for a seat-time waiver for the following reasons: as an optioon to expulsion, if the student has a major medical diagnosis that affects the students ability to attend school AND must provide documentation, or an extenuating circumstance that interfere with attendance as approved by the seat-time waiver coordinator

Seat-Time Waiver Process:

- The counselor must notify the seat-time waiver coordinator as soon as they are aware a student is interested/planning to enroll as a seat-time waiver student
- A student/parent has up through the 4th week of the semester to request a seat-time waiver
- All paperwork must be submitted to the counselor by the 4th week of the semester
- Once the student is enrolled in the seat-time waiver class(es), they cannot drop the seat-time waiver class without the penalty of an "E" grade
- The student is responsible to communicate with their mentor weekly by phone or email

Grading:

- Tests/exams must be taken at school – the student must make arrangements through their mentor to take any tests/exams
- The grade(s) will appear only on the semester report card – the student will earn the letter grade received
- The class(es) must be completed by the last day of the semester
- Classes not completed will result in an "E" for the final semester grade

ON LINE LEARNING EXPERIENCE OPTIONS

Student are required to earn an On-line Learning Experience (OLE) credit to be eligible to graduate. Students may accomplish this by doing any of the following:

1. Take any course found in the Career Guide & Course Offerings book which indicates that it is approved as a course which meets the OLE requirement.
2. Take an on-line course through Michigan Virtual High School for the purpose of credit acceleration or remediation. All courses must have prior approval from a high school guidance counselor or administrator.
3. Become an Educational Development Plan "completer." This is done by engaging in the use of the software program called Career Cruising (or similar program) and following the process through the senior year. Completion status is obtained by working with the Career Resource Specialist to complete all of the components within the career exploration software package, all independent assignments and by obtaining appropriate signatures. All pertinent work must be on file in the Career Center prior to the end of the first semester of a student's senior year.

ACADEMIC LETTER

The intent of the academic letter program is to honor those students who have demonstrated academic achievements during their high school career.

Eligibility Requirements:

Students will be given an academic award based on having a 3.5 or higher semester average for two consecutive semesters. Students having a 3.5 average in the fall and spring will be honored in September. Students having a 3.5 average beginning in the spring and then in the fall, will be honored in May.

First award:	Academic Certificate
Second award:	Academic Letter
Third award:	Bar
Fourth award:	Bar

The type of classes taken will not be considered when determining eligibility for the awards. The letter and/or bars should be displayed in a respectful manner as determined by the administration. The style of the letter will be distinctive, differing from letters awarded for other high school activities.

ACADEMIC TEAMS LETTER

Hartland High School shall award an Academic Team letter. The following are the guidelines for letter award:

A. The letter can be granted only through participation on an academic team.
B. The team for which the letter is being given must compete in interscholastic competitions.
C. The letter may only be awarded to a second year participant on the academic team with rare exception made by the academic letter committee.
D. For academic teams such as Science Olympiad, Social Studies Olympiad, DECA and Citizen Bee which do not have a whole series of events, the following rules apply for the academic teams letter: A first year student may earn a letter if they are a national delegate or a starter on a team that competes at the State or National level.
E. Academic teams which have a long season such as Quiz Bowl, Debate, Drama, and Forensics may award the letter based on A, B, C, above and on a set number of points achieved.
F. Each team wishing to award a letter must establish a written set of guidelines and requirements which include all of the above se as well as any additional requirements deemed necessary by the coach.
G. The written guidelines and requirements must be submitted to the principal and the director of academic competitions for approval.

CAREER ENDORSED CERTIFICATE REQUIREMENTS

To qualify, the student must meet the minimum graduation requirements plus any additions listed in the endorsement and earn an overall grade point average of 2.5 or better. The student must earn a grade point average of 3.3 or better in indicated courses in order to qualify for the certificate. Courses offered through the Livingston Applied Technology Education Consortium may be taken in place of some local offerings. Please contact the Vocational Educational Department Chairperson for additional information. It is the responsibility of the student seeking the Career Certificate to complete an application and submit it to their vocational instructor no later than the end of April of the graduating year.

CAREER ENDORSEMENTS

In all areas, students are required to complete 15 hours of community service, 10 of which should be related to their career field.

MARKETING EDUCATION

Complete five semesters of Marketing Education with a minimum G.P.A. of 3.3. These courses will be chosen from the following:
Marketing (2 semesters)
Advanced Marketing (2 semesters)
Retailing (2 semesters)
Building Wealth (1 semester)
Entrepreneurship (1 semester)

AUTOMOTIVE TECHNOLOGY

1. Complete five semesters of Automotive Education with a minimum 3.3 G.P.A. These courses will include:
   Automotive Technology I
   Electrical/Engine Performance
   Brakes/Suspension
2. Other course work:
   Drafting I or Construction Technology
3. Successfully complete at least two (2) of the eight Michigan State Mechanic Certification Tests.

CAD/DRAFTING EDUCATION

Complete five semesters of CAD/Drafting Education with a minimum G.P.A. of 3.3. These courses will be chosen from the following:
CAD/Drafting I or CAD 3-D Animation and CAD/Drafting II
Architectural CAD/Drafting I-II
Mechanical CAD/Drafting I-II

CONSTRUCTION TECHNOLOGY

Complete four semesters of Construction Technology with a minimum 3.3 G.P.A. These courses will include:
Construction Trades I
Construction Trades II
Drafting I

HUMAN SERVICES CERTIFICATION

1. Complete the following with a minimum G.P.A. of 3.3:
   Child Development I-II
2. Complete four semesters of the following with a minimum G.P.A. of 3.3:
   Foods and Nutrition
   Housing and Interior Design

NOTE: Approved Cooperative Education program, if available, may be used as an alternative to the third year of any three year vocational program. On Honors Night, at the graduation ceremony students who have achieved a Career Certificate will be honored for their accomplishments.

ARTICULATION

Students who participate in high school applied technology classes offered at Hartland High School or at other county schools through the Livingston Applied Technology Education Consortium (L.A.T.E.C.), can receive college credit through articulation agreements with various Higher Education Institutions. Students enrolled in an Applied Technology Program at any of the local high schools in the areas of Business Management, Marketing and Technology, Manufacturing Technology, Health Occupations, Robotics, Welding, or C.A.D. are eligible for articulated credit.

SUGGESTIONS FOR STUDENTS PLANNING TO ENTER THE WORLD OF WORK

Students who are planning on seeking a job or on-the-job training immediately after high school should consider the following suggestions when planning a high school program.

1. Plan to take classes that will provide you with skills you will need in your chosen field of work.
2. Plan to take other classes that will give you a broad background of skills regardless of your career choice.
3. Take as many exploratory type courses as possible.
4. Take at least one semester of computer technology.
5. Investigate the applied technology programs offered by other districts.
6. Become familiar with the career center and the services provided in resume writing, letters of application, interviewing techniques, job searches, and placement. The career center also processes applications for working permits.
7. Use the Career Cruising program to help discover career possibilities.

SUGGESTIONS FOR THE COLLEGE BOUND STUDENT

College bound students should consult catalogs of the colleges to which they intend to apply. This is especially recommended with regard to out-of-state colleges as their admission requirements often differ remarkably from those of Michigan colleges. Some colleges are quite specific as to the subjects and college admissions tests they require a student to take in high school, while others are more flexible.

The President's Council of State Colleges and Universities in Michigan strongly recommends the following high school background:

English	4 years with emphasis on writing skills
World Language	2 years or more if possible
Mathematics	4 years to include Algebra I, Geometry, and Algebra II
Science	3 years including Biology, and additional lab courses
Social Studies	3 years (U.S., World History, and Government required)
Health/PE	1 year
Business	1 semester of keyboarding recommended
Electives	2 years of electives in the arts and 1 year of hands on computer experience are strongly recommended. Particular attention should be paid to electives which may relate to college majors or that will enhance leisure time activities and/or job skills

ADVANCED PLACEMENT PROGRAM (with weighted grades)

A.P. is a program of college level courses and exams that gives secondary school students an opportunity to gain advanced placement and/or credit in college while still in high school. Hartland High School offers Advanced Placement courses in the following major curricular disciplines. They include the following:

1. **Language Arts** - A.P. Language and Composition, A.P. Literature and Composition
2. **Mathematics** - A.P. Calculus AB, A.P. Calculus BC, A.P. Statistics
3. **Science** - A.P. Chemistry, A.P. Biology, A.P. Physics
4. **Social Studies** - A.P. European History, A.P. Psychology
5. **World Languages** - A. P. Spanish

Each of these courses takes more time, requires more work, and explores subjects in greater depth just as any college course does. Therefore, the prerequisite listed for each in this guide generally asks for a "B" or better grade point average, the successful completion of other honors type courses, the recommendation of department members, and the approval of an admittance application. These requirements are all outlined under the individual course titles. Students, may and often do, prepare themselves with the help of a teacher for A.P. examinations other than in the four formal subjects listed above.

ADVANCED PLACEMENT STUDENT/PARENT AGREEMENT

- I understand by signing up for an AP class/classes I am making the commitment to complete this/these classes.
- I understand that I have only until the last day of school to request to drop an AP class for the upcoming school year.
- I understand that I will NOT be allowed to drop an AP class due to not completing the summer reading/assignments, though my grade may be affected.
- I understand that if I have an extenuating circumstance that would require me to drop an AP class, I can request to drop, however, I may be required to stay in the class until the end of the 1st marking period.*
- *NOTE: I understand a change will ONLY be made if the request to drop due to an extenuating circumstance is approved and if there is space available in the class I am requesting to change into. I also understand that my 1st marking period grade in the AP class may be averaged in with my 2nd & 3rd marking period grades and final exam grade to determine my overall semester grade for the class I changed into.

DUAL ENROLLMENT

Hartland High School Juniors and Seniors can take college level courses that may count for both high school and college credit(s). State Law (Public Act 160) created the Post-secondary Secondary Enrollment Options Act B (PSEO) which mandates that tuition, mandatory materials (excluding books, transportation, parking, activity fees and common supplies), and registration fees be paid if the criteria below are met. Note: Hartland Consolidated Schools may not cover the entire cost of tuition, and in some cases will cover none of the cost. For more information, please see the student's counselor.

*Eligible courses need to meet the following criteria: a) the course is not offered at HHS, b) the course is offered at HHS but is not available to the student because of a scheduling conflict beyond the student's control, c) the student has exhausted the related curriculum at HHS, d) the course is not hobby, craft or recreation-based, and is not in the areas of physical education, theology, divinity, or religious education.
*The student must be a Junior or Senior enrolled at Hartland High School during the time of Dual Enrollment.
*The student must be enrolled in the post-secondary institution during the academic school year.
*The student must be enrolled in at least one course at HHS and be carrying a combination of at least six classes between the two institutions.
*Juniors must have achieved the following scores on the PLAN or PSAT test in order to dual enroll: PLAN (Mathematics: 18, Reading: 17, Science: 19, English: 21); PSAT (Critical Reading: 44, Writing Skills: 49, Mathematics: 45).
*Seniors must have scored at levels 1 or 2 (Exceeded the Standard or Met the Standard) on the Michigan Merit Exam (MME) in order to dual enroll.
*Students who withdraw from a college course(s) may not add a replacement course at HHS.
*The student must not have met all high school graduation requirements.
*Credit toward high school graduation will be 0.5 credit per each semester college course taken.
The grade will be entered as a P/F (pass/fail) grade and will not be figured into the cumulative grade point average.
*Students are responsible for bringing in the transcript from the college/university at the conclusion of the course.

Students must complete an application form (available in the Counseling Office); obtain permission, signatures from parents, counselor and principal prior to enrolling in the college as a dual enrolling student.

Michigan Career Pathways

SELECTING A PATHWAY

The State of Michigan has established career and employability standards much like the standards established for the other curricular areas. The system of Career Pathways provides a vehicle to address these standards on a consistent basis for all students. It is the intent that teaching about skills and careers will be a K-12 process. By the time the students reach high school, they will be well aware of their skills, talents, interests, abilities, and have a focus on a pathway.

Students explore career activities in the Middle School and will be introduced to the Pathway system. The first semester of the ninth grade students will learn about their learning styles, personality traits, interests and aptitudes through different assessment tools. With this knowledge, they will create an Educational Development Plan (EDP). This will be their guide for the next four years. Each year there will be revisions as the need and interests change.

Dear Students & Parents,

High School provides many opportunities for students to explore academic as well as technical career pathways. Career planning is one part of Hartland High School's curriculum offering and is an integral part of the Hartland Consolidated curriculum as a whole. The graduates of the 21st century will be confronted with many demands that will require them to be highly skilled and possess the necessary technological and hands-on experience that can be achieved and enhanced by following the Career Pathways program. To assist in your planning process for life beyond high school, you should do the following: identify your interest and abilities, work with your teachers & counselors for course selection and recommendations, use the Hartland Consolidated Schools' Career Guide & course Offering book to learn more about high school courses, and look for career and college resources in the career center and counseling office.

This brochure will be most helpful for you to individualize your plan to meet your specific interests and needs. Notice that many of the six career paths' course selections look very similar in 9th and 10th grade. Changes from one career pathway to another may be necessary as your experiences and interests develop. We highly encourage you to select courses that will academically challenge you. Moreover, we suggest that you take advantage of the many opportunities in the brochure.

Yours in education
Janet Sifferman
Superintendent.

Arts and Communication

Persons choosing this pathway are imaginative, creative, innovative, flexible, outgoing, competitive, enthusiastic, self confident, have good writing and speaking skills, can express thoughts clearly and simply, can work independently, have artistic or musical ability, have decision-making and problem solving skills, and like to express thoughts, feelings, or ideas.

Possible Arts and Communication four-year plan

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra	Geometry	Algebra II	Senior Math
Geophysical Science	Biology	Chemistry/Physics	Visual Performing Arts
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Career Core Electives

Writing for Publication: Newspaper	Drama 1 & 2	Band and/or Choir
Writing for Publication: Yearbook	Psychology 1 & 2, AP Psychology	Intro to Art
Marketing	Sociology	Ceramics 1 & 2
Business Management	Drawing and Design	Jewelry and Metals 1 & 2
Entrepreneurship	Debate	Cosmetology
French, German, Spanish	Public Speaking	Culinary Arts
Applied Communications	Housing and Design	Television Production
Creative Writing	All Math Offerings	Drafting 1 & 2
Studio Art	All Science Offerings	Arch or Mech Drafting
CAD 3-D Animation	Leadership Development	Construction Technology
All Computer Offerings	Housing and Interior Design	Fashion and Clothing Construction

Suggested School and Community Activities

Acting Lessons	Quiz Bowl	School Newspaper
Art Shows	Solo/Ensemble	School Plays
Band	Gymnastics	School Talent Show
DECA (Marketing Club)	Essay/Poetry Contests	Speech/Debate Contests
Career Fairs	Industrial Technology	Stage Production
Choirs	Journalism	Yearbook Staff
Concerts	Drama Club	Volunteer
Class Officer	Instrument/Equipment Manager	Part-time employment in related field
Community Bands	Leadership Conferences	Mentoring
Craft Classes	Optimist Club	
Color Guard	Rock Band	

Arts and Communication

Occupational Areas

Talent, creativity, excellent communication skills and perseverance are personal traits that are absolutely essential for this career pathway. Occupational options in this pathway are related to communication and the performing, visual, literary, and media arts. These careers are interesting to people who value creativity, music and/or self-expression.

Possible Careers

Art Therapist	Set Designer	Circulation Manager
Artist	Magazine Editor	Layout Designer (CAD)
Apprentice	Publisher	Proofreader
Image Converter	Store Manager/Owner	Editor
Lab Tech	Dancer	Make-up Artist
Press Operator	Show Producer	Sculptor
Sign Maker	Costume Designer	Photojournalist
3D Designer	Technical Writer	Publisher
Photostylist	Technical Illustrator	Reporter
Graphic Designer	Teacher	Greeting Card Designer
Typesetter	Recording Tech	Audio Tech
Binder/Finisher	Instrument/Piano Repair	Camera Operator
Layout Artist	Recording Engineer	Disc Jockey
Dark Room Assistant	Conductor	Novelist
Photographer	Recording Artist	Medical Illustrator
Landscape Artist	Director	Web Site Designer
Advertising Artist	Tour Group Manager	Computer Game Designer
Cartoon Animator	Musician	Picture Framer
Architect	Account Representative	Weaver
Commercial Artist	Copy Person	Seamstress
Interior Designer	Newsroom Clerk	Jewelry Designer

Career Prep Activities

Educational Development Plan	Site Visit/Work Experience
Portfolio 9-12	Mentoring
Job Shadowing	Senior Portfolio Presentation

Business, Management, Marketing & Technology

Persons choosing this pathway possess leadership skills, enjoy planning & directing, find it easy to meet & talk with new acquaintances, think logically & make decisions, have effective human relations skills, have good communication skills, can analyze, compare & interpret facts & figures quickly, and make good sound judgements.

Possible Business, Management, Marketing & Technology four-year plan

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra	Geometry	Algebra II	Senior Math
Geophysical Science	Biology	Chemistry/Physics	Visual Performing Arts
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Career Core Electives

Accounting	Leadership Development	Economics
Business Management	Writing for Pub.: Newspaper	All Computer Courses
Entrepreneurship	Writing for Pub: Yearbook	All Math Courses
Building Wealth	French, German, or Spanish	All Science Courses
Public Speaking	Journalism	Advanced Marketing
Applied Communications	Debate	Keyboarding
Creative Writing	Retailing	Interior Design
Composition	Sociology	TV Production
Psychology 1 & 2, AP Psychology		

Suggested School and Community Activities

Athletic Teams	Career Fair	School Newspaper
Attend Professional Meetings	Junior Achievement	Officer of an organization or class
Business Professionals of America (BPA)	Quiz Bowl	Student Council
DECA (Marketing Club)	Volunteer	Part-time Employment related to field
Election Assistant	Participate in speech and drama	Future Business Leaders of American (FBLA)
	Participate in leadership conferences/competitions	

Business, Management, Marketing & Technology

Occupational Areas

Employment in this career pathway has many options and includes many occupations with varied educational requirements. Employment can be found in all occupational areas. As the economy becomes more and more service oriented, even more employees will be needed to perform the marketing functions associated with the buying, selling, promoting and distributing of goods and services.

Possible Careers

Accountant	Dispatcher	Mathematician
Auditor	Economist	Merchandise Displayer
Actuary	Entrepreneur	Payroll Manager
Advertising Agent	Estate Planner	Purchasing Agent
Assessor	Event Planner	Receptionist
Controller	Financial Analyst	Restaurant/Hotel Management
Treasurer	Human Resource Manager	Real Estate Agent
Bank Teller	Information Technical Support	Retail Sales Associate
Bill Collector	Insurance Agent	Administrative Assistant
Billing Clerk	Insurance Underwriter	Statistician
Bookkeeper	International Business	Stock Clerk
Brokerage Clerk	Legal Assistant	Stockbroker
Business Teacher	Labor Relations	Tax Examiner
Cashier	Arbitrator	Tax Preparer
Computer Network Administrator	Loan & Credit Manager	Technical Writer
Computer Programmer	Logistics	Telemarketing
Computer Service Technician	Media Analyst	Telephone System Tech
Computer Systems Analyst	Manufacturing Representative	Travel Agent
Court Recorder	Market Research	Urban Planner
Data Entry Clerk	Paralegal	Vendor

Career Prep Activities

Educational Development Plan	Site Visit/Work Experience
Portfolio 9-12	Mentoring
Job Shadowing	Senior Portfolio Presentation

Engineering, Manufacturing, & Industrial Technology

Persons choosing this pathway are visually oriented & can understand spatial relationships, have good observation skills, possess good communication skills, can work either independently or with a team, can design & create original ideas, are analytical & detail oriented, and can diagnose & solve complex mechanical problems, possess a mechanical aptitude & ability to work with tools.

Possible Engineering, Manufacturing, and Industrial Technology four-year plan

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra	Geometry	Algebra II	Senior Math
Geophysical Science	Biology	Chemistry/Physics	Visual Performing Arts
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Career Core Electives

Drafting 1 & 2 All computer courses French, German, Spanish Applied Communications Creative Writing Drawing and Design Jewelry Design	All math courses All science courses Mechanical Drafting I-II Architectural Drafting I-II Robotics Auto Technology 1 Studio Art	Brakes and Suspension Electrical and Performance Auto Body Design Woodworking Construction Technology I-II Manufacturing/Welding

Suggested School and Community Activities

Art Club Apprenticeships Auto Club Career Fairs Computer Club Ecology Project Habitat for Humanity Industrial Technology Club	Local, Regional, State and National Technology Competitions Maintenance On-the-Job Training Part-time employment related to field Quiz Bowl Scouting/Explorer Activities	Volunteer Firefighter Follow career related activities in newspapers, Internet, or local government activities. Junior Engineering Technology Society (JETS) Visits to Trade Shows

Engineering, Manufacturing, & Industrial Technology

Occupational Areas

This very diverse career pathway includes technical and engineering careers that are vital to the efficient functioning of a society in the design, creation, manufacturing, operation, maintenance and repair of its equipment and machinery. Working with tools, equipment, computers and other kinds of machinery is important to people who have an interest in this pathway.

Possible Careers

Apprentice	Electrician	Nuclear Engineer
Automotive Technician	Electronics Engineer	Packaging Engineer
Aircraft Mechanic	Estimator	Petroleum Engineer
Architect	Floor Layer	Pilot
Automotive Collision Technician	Farm Equipment Mechanic	Plasterer
Astronautical Engineer	Manufacturing Representative	Plastics Engineer
Brick Mason	Service Manager	Plumber & Pipe Fitter
Carpenter	Painter	Printing/Plate Making
Chemical Engineer	Heating & Cooling Technician	Quality Control Inspector
Civil Engineer	Industrial Engineer	Roofer
Climate Control Mechanic	Instrumentation Technician	Robot Technician
Computer Engineer	Mechanical Engineer	Software Engineer
Crane, Derrick Operator	Metal Roller & Finisher	Structural Iron Worker
Drafter	Millwright Metallurgical Technician	Surveyor
Earth Driller		Systems Designer
Diagnostician	Mold Maker	Tool & Die Maker
Diesel Mechanic	Welder	Utilities Line Person

Career Prep Activities

Educational Development Plan	Site Visit/Work Experience
Portfolio 9-12	Mentoring
Job Shadowing	Senior Portfolio Presentation

Health Sciences

Persons choosing this pathway care about people, their needs, and their welfare; are intrigued by the human body & its functions, value a healthy body for self & others, are able to willing to follow detailed instructions, have a manual dexterity & good eyesight, enjoy being a member of a team, have good interpersonal skills, have an aptitude for working with electronic equipment, and can work efficiently under stressful conditions.

Possible Health Sciences four-year plan

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra	Geometry	Algebra II	Senior Math
Geophysical Science	Biology	Chemistry/Physics	Visual Performing Arts
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Career Core Electives

All math courses	All computer courses	All science courses
Business Management	Nutrition	Health Occupations
Entrepreneurship	Personal Living	Intro to Art
French, German, Spanish	Family Living	Culinary Arts
Art Exploratory	Parent/Child Development I-II	Child Care Services
Pottery	Jewelry	Weight Training
Studio Art	Drawing and Design	Nutrition Education

Suggested School and Community Activities

Athletic Teams	Red Cross Volunteer	Speech Contests
Baby-sitting	Part-time employment in related field	Volunteer for Hospitals
Career Fairs	Peer Tutoring	Volunteer for Nursing Homes
Explorers Post-Health	Quiz Bowl	Follow a career related activities in newspapers or on the Internet.
Health Occupations Students of American (HOSA)	Special Olympics	Science Olympiad
Hospice Volunteer		

Health Sciences

Occupational Areas

Employment in this career pathway has many options and includes many occupations with varied educational requirements. Employment can be found in hospitals, home health care agencies, nursing homes, offices and clinics of physicians and other health practitioners, schools, large corporate organizations and research facilities.

Possible Careers

Actuary	Physician's Assistant	Occupational Therapist
Dietitian/Nutritionist	Nursing	Otolaryngologist
Computer Technician	Optometrist	Physician
Laser Technician	Pharmacist	Podiatrist
Biomedical Engineer	Physical Therapist	Speech Pathologist
Health Physicist	Surgical Tech	Teacher
Ambulance Driver	Dental Lab Tech	Veterinary Assistant
Dental Assistant	Medical Record Tech	Veterinarian
Dialysis Technician	Radiological Tech	Paramedic
Employee Benefits Coordinator	Respiratory Therapist	Orthodontist
Electrocardiograph Technician	Ultrasound Tech	Psychiatrist
Epidemiologist	Athletic Trainer	Dentist
Home Health Aide	Audiologist	Biochemist
Medical Assistant	Chiropractor	Anesthesiologist
Medical Information	Dental Hygienist	Mortician
Surgeon	Surgical Tech	Medical Administrator
Zoologist		

Career Prep Activities

Educational Development Plan	Site Visit/Work Experience
Portfolio 9-12	Mentoring
Job Shadowing	Senior Portfolio Presentation

Human Services

Persons choosing this pathway are imaginative, creative, innovative & flexible; are outgoing, competitive, enthusiastic & self confident; have good writing & speaking skills; can express thoughts clearly & simply; can work independently; have artistic or musical ability; have decision-making & problem solving skills; and like to express thoughts feelings or ideas.

Possible Human Services four-year plan

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra	Geometry	Algebra II	Senior Math
Geophysical Science	Biology	Chemistry/Physics	Visual Performing Arts
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Career Core Electives

Accounting	All math courses	Leadership Development
Business Management	Nutrition	Cosmetology
Entrepreneurship	Personal Living	Culinary Arts
French, German, Spanish	Family Living	Child Care Services
Applied Communications	Public Speaking	All science courses
Creative Writing	Debate	All computer courses
Parent/Child Development I-II	Economics	

Suggested School and Community Activities

Athletic Teams	Community Service	Quiz Bowl
Baby-sitting	Day Care Volunteer/Worker	Special Olympics
Career Fairs	Drama Club	Student Council
Church Volunteer	Part-time employment in related area	Sunday School Teacher
Coaching Little League Teams	Peer Tutoring	Volunteer for Hospitals/Nursing homes

Human Services

Occupational Areas

These occupations include teachers, religious workers, child care workers, gerontological care providers, social workers, counselors, psychologist, and human service workers. These jobs will be found in local, state, and federal government agencies, public welfare agencies, facilities for the cognitively impaired and developmentally disabled, clinics, hospitals, churches and schools.

Possible Careers

Activities Therapist	Teacher	Psychologist
Anthropologist	Dietitian/Nutritionist	Human resource manager
Child Care Worker	Domestic Worker	Special education aide
Clergy	Floral Designer	Social Worker
College Administrator/Professor	Interior Decorator	Nail technician
Cook or Chef	Health Inspector	Politician
Cosmetologist	Judge	Paralegal
Counselor	Hotel/Motel Manager	Preschool teacher
Court Administrator	Law Enforcement Officer	Psychiatric Aide or Technician
Detective	Labor Relations Specialist	Rehabilitation Counselor
Teacher Aide	Lawyer	Social/Recreation Director
Principal	Librarian	

Career Prep Activities

Educational Development Plan	Site Visit/Work Experience
Portfolio 9-12	Mentoring
Job Shadowing	Senior Portfolio Presentation

Natural Resources & Agriscience

Persons choosing this pathway enjoy working with plants, fish, animals or other components of nature, are concerned about the environmental, enjoy science classes, like to work outdoors, like a variety of challenges, possess managerial skills and business knowledge or organize and operate a business.

Possible Natural Resources & Agriscience four-year plan

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra	Geometry	Algebra II	Senior Math
Geophysical Science	Biology	Chemistry/Physics	Visual Performing Arts
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Career Core Electives

Accounting Business Management Entrepreneurship French, German, Spanish Applied Communications Creative Writing Psychology 1 & 2, AP Psychology	All math courses All science courses All computer courses Construction Tech 1 Automotive Technology Art Drafting 1	Economics Foods and Nutrition Personal Living Leadership Family Living Manufacturing/Welding

Suggested School and Community Activities

Adopt-A-Highway Agricultural Clubs Animal Associations Career Fairs Ecology Projects Environmental Club	Leadership Skills Competition Part-time worker on a farm or landscape or nursery business Science Museum Worker Science Related Competitions Science Olympiad	Scouting Activities Volunteer at Howell Nature Center Volunteer Firefighters 4-H Livestock Shows

Natural Resources & Agriscience

Occupational Areas

Approximately 22 million people now work in agricultural and agri-related fields, but only 10 percent are directly involved in traditional farming. The majority work in agribusinesses, communications, science, government, education, processing, distribution, marking or sales. As new technologies and new job opportunities emerge, so will the need for well-trained and educated people.

Possible Careers

Animal Caretaker/Groomer	Conservation Office Diver	Horticultural Services
Arborist	Ethnobotanist	Landscaping
Farm Worker	Environmental Engineer	Turf Management
Grounds keeper	Environmental Analyst	Geologist
Logging Worker	Fish and Wildlife Tech	Geophysicist
Horticulturist/Nursery worker	Geomatics Engineer	Geotechnician
Pest Controller	Hazardous Waste Management	Entomologist
Water/Waste Plant Operators	Hydrologist	Lab Technician
Agronomist	Ichthyologist	Research
Animal Scientist	Firefighter/Fire Control Officer	Hydrologist Irrigation System
Food Scientist	Forestry Technician	Designer
Astronomer	Floriculturist	Marine Biologist
Cartographer	Golf Superintendent	Plant Scientist
Botanist	Chemical Engineer/Technician	Oceanographer
Biologist	Fish and Game Warden	Surveyor
Biosystems Engineer	Park Ranger	Soil Conservationist
Cooperative Extension Service Worker	Tree Surgeon	Zoologist

Career Prep Activities

Educational Development Plan	Site Visit/Work Experience
Portfolio 9-12	Mentoring
Job Shadowing	Senior Portfolio Presentation

Course Description Sample and Key

At the beginning of each department page, a chart describes the essential information necessary when planning future courses. A sample chart with various courses is shown below.

COURSE NUMBER	COURSE NAME	CREDITS	GRADE LEVEL	PREREQUISITE	MEETS REQ. OF:
46341S	Drawing and Design	0.5	9 - 12	Intro. to Art	VPA
477120	Advanced Marketing	1.0	10 - 12	Marketing	ELA, SMA, VPA, OLE
476830	Auto Tech II (Electrical and Engine Performance)	2.0	11 - 12	Auto Tech 1 Instructor Approval	SMA, VPA, CC
450120	French II	1.0	10 - 12	French I (C-)	WL
440510	Algebra I (A & B)	1.0 (A: 0.5 B: 0.5)	9 - 12	None	MA

Course Number: This number correlates directly with the course and must be used by students when registering for courses online.
Course Name: The name of the course
Credits: Credits indicate the credit value of the course. A course worth .5 credits is a one semester course. A course worth 1.0 credit is a full year course. A 2.0 credit course is a year long course that is two hours in length. A 3.0 credit course is a shared time program which meets for three hours per day outside the high school. (Exception: TV productions is worth 1.0 credits but is a sem. course that is 2 hours long)
Grade Level: The grade level(s) at which the course may be taken
Prerequisite: The course(s) or conditions which must be completed or met before you may enroll in the course. Often this could include a requirement for the teacher's signature, or an application to sign up for the course.
Meets Requirements (Req.) Of: Lists areas of graduation requirements the course satisfies. This section is also used to list which courses meet NCAA requirements (college division I or II sports) as well as which courses may earn students college credits through established articulation agreements at specific institutions of higher learning. Abbreviations are explained below:

Areas of Graduation Requirements:
EC: Meets Economics requirement
ELA: English Language Arts: meets requirements of Senior English Elective when taken in 12th grade
OLE: Meets requirements of the Online Learning Experience
SCI: Science: meets requirements for third year of science
SMA: Senior Mathematics: meets the final year math-related class requirement when taken in 12th grade
VPA: Meets Visual Performing Arts Requirement
WL: World Language (becomes graduation requirement for class of 2016)

NCAA: Meets requirements to count as a core NCAA course
CC: College credits may be earned at articulated colleges

On the following pages, below each chart are the actual course descriptions. Information provided will describe the content, operation and/or objectives of the course. Students may check with their counselor, other students, and teachers about specific details of operation and teacher expectations. It is recommended that all students discuss their course selection with their present subject-area teacher and parents.

Applied Technology Courses: In District					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
47052S	Automotive Technology I	0.5	9 - 12	None	SMA, VPA
476830	Auto Tech II Electrical & Performance (2 hour year long course)	2.0	11 - 12	Auto Tech I Instructor Approval	CC, OLE, SMA, VPA
476930	Auto Tech II Suspension & Brakes (2 hour year long course)	2.0	11 - 12	Auto Tech I Instructor Approval	CC, OLE, SMA, VPA
47001S	CAD/Drafting I	0.5	9 - 12	None	OLE, SMA, VPA
47061S	CAD 3-D Modeling & Digital Animation	0.5	9 - 12	None	OLE, SMA, VPA
47011S	CAD/Drafting II	0.5	9 - 12	Drafting I or CAD 3-D	CC, OLE, SMA, VPA
476230	Architectural CAD/Drafting I (2 hour year long course)	2.0	10 - 12	Drafting I or Housing/ Interior Design (C)	CC, OLE, SMA, VPA
476340	Architectural CAD/Drafting II (2 hour year long course)	2.0	11 - 12	Architectural Drafting I	CC, OLE, SMA, VPA
476430	Mechanical CAD/Drafting I (2 hour year long course)	2.0	10 - 12	Drafting II (C)	CC, OLE, SMA, VPA
476540	Mechanical CAD/Drafting II (2 hour year long course)	2.0	11 - 12	Mechanical Drafting I	CC, OLE, SMA, VPA
47031S	Construction Technology I	0.5	9 - 11	None	SMA, VPA
47071S	Alternative Energy Technology	0.5	9 - 12	None	OLE, SMA, VPA
474930	Alternative Energy Technology and Sustainable Building (2 hour year long course)	2.0	11 - 12	Alternative Engery Technology and Instructor Approval	CC, OLE, SMA, VPA
47041S	Woodworking Technology	0.5	9 - 12	None	SMA, VPA

AUTOMOTIVE TECHNOLOGY I
Auto Technology I explores the theory and operation of the internal combustion engine and all its related systems. This course emphasizes the importance of preventative vehicle maintenance and service. No prior automotive experience is necessary.

AUTOMOTIVE TECHNOLOGY II (ELECTRICAL & ENGINE PERFORMANCE) TWO HOUR BLOCK
This course will be strictly dedicated to the study of automotive electrical systems and engine performance. This course will follow the task list of activities as spelled out in the NATEF (National Automotive Technicians Education Foundation) certification standards.

AUTOMOTIVE TECHNOLOGY II (SUSPENSION & BRAKES) TWO HOUR BLOCK
This course will be strictly dedicated to the study of automotive suspension and brake systems. This course will follow the task list of activities as spelled out in the NATEF (National Automotive Technicians Foundation) certification standards.

CAD/DRAFTING I
This one semester course is designed to give the students basic technical knowledge and develop specific skills in technical drawing and 2D CAD drafting. Skills developed will include proper lettering, measurement, sketching, geometric constructions, multiple view drawing and pictorial drawing both on the board and the computer. The students will be working with the most current CAD software.
This class is a prerequisite for Drafting II.

CAD 3-D MODELING & DIGITAL ANIMATION
This CAD course will introduce students to digital, 3-D modeling and digital animation techniques.
Students will learn how to use a variety of computer programs to create digital models, render 3-D objects, and generate scenes with layered motion effects. Basic PC knowledge is recommended. This class is a prerequisite for Drafting II.

CAD/DRAFTING II
This one semester course is designed to refine the basic mechanical drafting skills developed in Drafting I as well as introduce skills needed for architectural drafting. Specific mechanical drafting skills include drawing sections, auxiliary views, working drawings and technical illustrations. In architectural drafting, students will draw a set of plans for a small house. Students will work with 2D CAD along with an introduction to 3D CAD. This class is a prerequisite for Architectural Drafting I and Mechanical Drafting I.

ARCHITECTURAL CAD/DRAFTING I*
In this two hour block the student will design and draw a complete set of plans for several residential buildings. They will develop designs for the entire house, develop presentation drawing and build a model of their design. The students will be working with the most current 2D and 3D CAD software. Any student in this program is eligible for co-op placement. Upon completion of this course articulated community college credit will be granted. This class is a prerequisite for Architectural Drafting II.

ARCHITECTURAL CAD/DRAFTING II*
This advanced two hour block will focus on designing and drawing small commercial buildings. Co-op placement and further articulated community college credit will be available.

MECHANICAL CAD/DRAFTING I*
This two hour block is designed to develop competencies in machine production drawings, project design, detailing, precision dimensioning, auxiliary views, and sections. There will also be an introduction to auto body design drawing along with an introduction to animation and analysis of working drawings. The students will be working with the most current 2D and 3D CAD software. Any student in this program is eligible for co-op placement. Upon completion of this course articulated community college credit will be granted. This class is a prerequisite for Mechanical Drafting II.

MECHANICAL CAD/DRAFTING II*
This advanced two hour block will focus on the development, design and drawing of a design project from art to part. Co-op placement and further articulated community college credit will be available.

CONSTRUCTION TECHNOLOGY I
This one semester course is designed to give students an exploratory hands on approach in areas of residential construction. Students will work with tools, materials and techniques in a lab setting to construct small structures. The class will focus on framing of floors, walls and roof and will frame out a play house as a final project.

ALTERNATIVE ENERGY TECHNOLOGY

This one semester course is an introductory lab class on renewable energy technologies. The course will review the evolution of alternative energies and will explore the green/renewable movement, solar technology, wind turbines, biodiesel, biomass use and material energy efficiencies. Students will critically analyze the benefits and viability of each technology as it pertains to commercial/residential applications and its impact on their lives. While exploring all facets of Alternative Energy, students will conduct research, do experiments, build working models and monitor/investigate actual working energy systems.

ALTERNATIVE ENERGY TECHNOLOGY AND SUSTAINABLE BUILDING

The course will review the evolution of alternative energies and will explore the green/renewable movement, solar technology, wind turbines, geothermal and material energy efficiencies will be studied. While exploring all facets of Alternative Energy, students will conduct research, do experiments, build working models and monitor actual working energy systems. Students will become competent in Green Building procedures, materials and equipment usage for the Sustainable Building trades by working with hands on projects throughout the course. Students will gain insight into future careers by building sheds, barns and green houses that are energy efficient and sustainable. (Articulated College credit in the area of Alternative Energy and Sustainable building will be available for this class.)

WOODWORKING TECHNOLOGY

This one semester course is designed to give students an introduction to woodworking technology. Skills developed will include working safely with hand tools, power tools, machines and procedures to produce various products made out of wood.

**A Livingston Co-operative Shared Time Program*

Applied Technology Courses: Out of District

The Livingston Applied Technology Education Consortium will offer these additional vocational programs for Hartland juniors and seniors within the following career fields. Students are required to provide their own transportation to and from out-of-district shared time programs. Students enrolled in Consortium courses will use three hours of their schedule for transportation and class instruction time. Three credit hours are earned for the two-hour blocks.

COURSE NUMBER	COURSE NAME	CREDITS	GRADE LEVEL	LOCATION
475330	Child Care Services	3.0	11 - 12	Brighton H.S. or Howell H.S.
476630	Construction Technology II	2.0	11-12	Howell H.S.
479630	Cosmetology *fee required	2.0	11 - 12	Brighton Institute of Cosmetology
475430	Culinary Arts	3.0	11 - 12	Howell H.S.
475530	Graphic Communications Technology	3.0	11 - 12	Brighton H.S.
475630	Health Occupations Technology	3.0	11 - 12	Brighton H.S. or Howell H.S.
475730	Manufacturing Engineering Technology Cluster	3.0	11 - 12	Howell H.S.
479930	CISCO: Computer Networking	3.0	11 - 12	Pinckney H.S.
475830	Robotics & Industrial Automation I & II	3.0	11-12	Pinckney H.S.

CHILD CARE SERVICES
Location: Brighton High School or Howell High School Grades: 11-12
Course Length: One or Two-Year Course/Two- hour Block
Prerequisite: Child Development (Infancy or Pre-School) and Child Development teacher recommendation.
This course will provide a variety of experiences working directly with young children at childcare centers, kindergarten classrooms and preschool laboratory. Students will gain skills required to work with children in a group setting. Students will be responsible for researching; planning and implementing appropriate activities for children in the community sites. Child Care and Guidance is strongly recommended for any student considering a child-related career such as an early childhood (ages 0-9) teacher, owner of a child care center, elementary special education, physical education or art teacher, social worker, child psychologist, or medical fields specializing in the treatment of children. This course may be taken for two years. An in-school lab fee will be assessed. A TB test will be required before students may work with children.

CONSTRUCTION TECHNOLOGY II
Location: Howell High School Grades: 11-12
Course Length: One-Year Course/Two-hour Block
Prerequisite: Construction Technology I
Construction Technology II is a career oriented two hour block which will simulate employment in the building industry. Students will become competent in procedures, materials and equipment usage for the building trades, by constructing small structures like sheds, barns and small houses. Co-op placement and articulated community college credit in the building trades is available for this class.

COSMETOLOGY
Location: Brighton Institute of Cosmetology Grades: 11-12
Course Length: Year/Two-hour Block
A full two-year (plus one summer) program instructs students to perform a variety of beauty treatment operations that include the care of hair, complexion, and hands. Shampoos, rinses, scalp treatments, styling, tinting, bleaching, waving, facials, and manicuring are among the skills mastered. If all course requirements are met, the student will complete the State required 1500 hours of instruction and high school graduation to be eligible to take the Cosmetology State Board Examination. Students must pass this State Exam to be licensed and eligible for employment.
Students will be responsible for purchasing the Supply Kit if they plan on keeping it beyond the program, and they will also be responsible for the cost of the 500 hour summer obligation and 1 hour per day during the school year. The expected cost to the student will be to approximately $3,664.00. The district's obligation will be to pay for 2 hours of cosmetology per school day during the Junior and Senior year only, for a maximum of two school years. If a student takes year one of Cosmetology in their senior year, the district will only be responsible for one school year of tuition. The student will pick up the cost of the supply kit, and roughly 1,180 hours of class work at $3.70 per hour.

CULINARY ARTS
Location: Howell H.S. Grades: 11-12
Course Length: One or Two-Year Course/Two-hour Block
The Culinary Arts/Hospitality class is a full year program open to juniors and seniors interested in hospitality occupations. While emphasis is on food production, the hospitality segment covers travel, tourism, the lodging industry, and related careers. Students gain practical, hands-on experience working in the student-operated Highlander Restaurant. All facets of restaurant work (cost controls, food handling and preparation, sanitation and safety, customer service, baking, and other necessary tasks) are practiced in this two-hour block class. The course curriculum is geared toward students interested in furthering their professional/educational careers in the Culinary Arts/Hospitality field. It is also designed for those interested in becoming work-ready for the industry. A demonstrated interest in Culinary Arts/Hospitality is required. Articulated college credit may be available.

GRAPHIC COMMUNICATIONS
Location: Brighton H.S. Grades: 11-12
Course Length: One or Two-Year Course/Two-hour Block
This class covers the processes and industries that create, develop and produce products using or incorporating words or pictorial images to convey information, ideas and feelings. Technologies you will learn include: product planning and layout, desktop publishing; graphic arts photography; image assembly; image reproduction; bindery and finishing operations; screen printing; ink and paper and career employability skills. Projects you will produce will be a memo pad, greeting card, business card and T-shirt. This class may be taken for two years.

CISCO: COMPUTER NETWORKING
Location: Pinckney H.S. Grades: 11-12
Course Length: One Year Course/Two-hour Block
Pre-requisites: Algebra I (A); Geometry (A); Computer Applications (recommended)
The Cisco CCNA Exploration curriculum provides a comprehensive overview of networking; from fundamentals to advanced applications and services. This course emphasizes theoretical concepts and practical application, while providing opportunities for students to gain the skills and hands-on experience needed to design, install, operate and maintain networks in small-to-medium businesses, as well as enterprise and service provider environments. CCNA Exploration teaches networking based on technology, covering networking concepts using a top-down, theoretical and integrated approach. **Target Certification: CCNA Certification Exam**

HEALTH OCCUPATIONS TECHNOLOGY
Location: Brighotn High School or Howell High School Grades: 11-12
Course Length: One or Two-Year Course/Two-hour Block
First Year Program: This course teaches basic skills for health care workers. Course content covers medical terminology; medical abbreviations; vital sign skills including blood pressure, pulse, respiration and temperature; personal care skills, certification in CPR and in first aid; team work, leadership, job seeking skills and development of a portfolio. These skills are applied in a variety of clinical settings, including Medilodge of Howell and Livingston (St. Joseph Mercy Livingston) Hospital. Scrubs and white shoes are required clinical attire. A current TB screen and the HBV Series are required to participate in on site clinical experiences. Opportunities to participate in community programs are frequently available and encouraged.

Second Year Program: The student will have the opportunity to earn state certification as a Nurse's Aide, and certification in Health Science Safety training. They will also have the benefit of spending more time at clinical sites of their choice. They will continue to broaden their medical terminology understanding. Articulated college credit may be available.

MANUFACTURING ENGINEERING TECHNOLOGY CLUSTER
Location: Howell H.S. Grades: 11-12
Course Length: One or Two-Year Course/Two-hour Block
First Year Program: This course offers an introduction to state of the art manufacturing techniques by providing an integrated approach to the design, production, and testing of objects and materials. Students begin the course by mastering the basics of a machine tool process, then move to more advanced projects involving computer numerical control (CNC) machining, computer aided drafting (CAD) and computer aided manufacturing (CAM). The welding portion of the course introduces students to shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, cutting, and brazing. Throughout the course an emphasis on product production is maintained, and students develop skills useful in a modern manufacturing environment. Articulated college course credit may be available.

Second Year Program: This course of study is open to seniors who have completed a year of the Manufacturing Cluster. Students are placed in a manufacturing setting at a local company. Students experience first hand the technology necessary to compete in today's global market. The curriculum for this program is developed in cooperation with the business and delivered by the school system. Articulated college credit may be available.

ROBOTICS AND INDUSTRIAL AUTOMATION I & II
Location: Pinckney H.S. Grades: 11-12
Course Length: One or Two-Year Course /Two-hour Block
The Robotics and Industrial Automation program prepares students interested in Engineering and Technology focused careers to use computer software and hardware based processes to solve problems common in manufacturing and business. Students will work in teams to design, construct, and operate an automated robotic work cell that will produce a product of their choice. This program provides a great hands-on experience for students interested in computer programming, electronics, computer aided manufacturing (CAM), material science, and machine tool operations. Articulated college credit may be available.

Art Courses						
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**	**FEE**
46431S	Intro to Art	0.5	9 - 12	None	VPA	None
46341S	Drawing & Design	0.5	9 - 12	Intro to Art	VPA	None
46352S	Studio Art I	0.5	10 - 12	Drawing & Design	VPA	$20
46442S	Studio Art II	0.5	10 - 12	Studio Art I	VPA	$20
46391S	Ceramics I	0.5	9 - 12	None	VPA	$20
46411S	Ceramics II	0.5	10 - 12	Ceramics I	VPA	$20
46452S	Ceramics III	0.5	10 - 12	Ceramics II	VPA	$20
46401S	Jewelry & Metals I	0.5	9 - 12	None	VPA	$20
46421S	Jewelry & Metals II	0.5	9 - 12	Jewelry & Metals I	VPA	$20

INTRO TO ART
Students will be introduced to a variety of materials and techniques used in the high school art courses including but not limited to drawing, painting, sculpture, ceramics, textiles, and metal. They will be introduced to art in history and cultural contexts. As a result of their learning, students will be able create two and three dimensional art pieces, understand and apply the basic elements of art and principles of design, as well as understand and use basic art vocabulary

DRAWING & DESIGN
Students will produce two dimensional art in the form of drawings, paintings, and other designs using a variety of art mediums including but not limited to pencil, inks, chalk, oil pastels, papers, found materials, watercolor and other paints. As a result of their learning, they will be able to apply basic drawing skills and techniques, experience and apply basic painting techniques, and solve problems encountered in the creative process. They will be able to describe and write about their work using the correct vocabulary.

STUDIO ART I
Students will produce drawings, paintings, sculpture, printmaking, textiles, and other work using advanced skills and techniques. They will investigate artists, art history, and art in cultural contexts, as well as respond critically to their own work and work of others. As a result of their learning, students will be able to refine basic skills in mixed media, experience and apply painting techniques using acrylics and oils, as well as understand and apply advanced skills and techniques of various mediums used. They will be able to describe and write about their own work and the work of others.

STUDIO ART II
Students will use refined skills to produce two and three dimensional art work. They will spend time critiquing their own work and that of others. Students will spend time working on materials for their portfolios. As a result of their learning, students will be able to master drawing, painting, sculpture and other design techniques, as well as practice and apply their work with mixed media. Students may explore their choice of mediums in-depth. This course may be taken more than one semester for credit with instructor permission and a grade of B or better.

CERAMICS I
Students will create three dimensional clay pottery and sculpture using basic hand building, wheel throwing, and decorating techniques. They will learn how ceramics and sculpture relate to art, history and culture. As a result of their learning, students will be able to produce original art, as well as use the correct ceramics vocabulary to describe their work and the work of others.

CERAMICS II
Students will create three dimensional clay pottery and sculpture using intermediate hand building, wheel throwing, and decorating techniques. They will investigate the role of ceramics and ceramic artists in historical and cultural contexts. As a result of their learning and increased skills, students will be able to produce increasingly sophisticated original art. They will be able to apply the elements and principles of art to describe their work and the work of others,

CERAMICS III
Students will create three dimensional clay pottery and sculpture using advanced hand building, wheel throwing, and decorating techniques. They will understand the role of ceramics and ceramic artists in art history. As a result of their learning and advanced skills, students will be able to produce increasingly sophisticated original art. They will be able to respond critically to their work and that of others. They may explore the process of their choice in-depth during much of the course time. This course may be taken more than one semester for credit with instructor permission and a grade of B or better

JEWELRY & METALS I
Students will be introduced to basic fabrication and casting processes in metal and wax, with a strong emphasis on art elements, principals of design, layout and craftmanship. As a result of their learning, students will be able to create works of art such as jewelry and metal sculptures, use tools safely and correctly, as well as understand and use the correct vocabulary relative to jewelry processes and tools.

JEWELRY & METALS II
Students will be introduced to advanced fabrication and casting processes in metal and wax, with a strong emphasis on design layout and craftsmanship. As a result of their learning, students will be able to create increasingly sophisticated works of art such as jewelry and metal sculptures, understand the role jewelry and metal plays in art history and culture, as well as increase their skills. They will be able to describe their own and others' work. This class may be taken more than one semester for credit with instructor permission and a grade of B or better.

Business Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
45501S	Keyboarding	0.5	9 - 12	None	OLE
455120	Accounting	1.0	10 - 12	None	CC, OLE, SMA
455230	Advanced Accounting	1.0	11 - 12	Accounting	CC, OLE, SMA
45533S	Entrepreneurship	0.5	11 - 12	None, Marketing is recommended	CC, OLE, SMA, VPA
45543S	Business Management	0.5	11 - 12	None, Marketing is recommended	CC, OLE, VPA
45671S	Building Wealth	0.5	9 - 12	None	OLE, SMA, VPA
477010	Marketing	1.0	9 - 12	None	CC, EC, VPA
477120	Advanced Marketing	1.0	10 - 12	Marketing and Instructor Approval	CC, ELA, OLE, VPA, SMA
477220	Retailing	1.0	10 - 12	Marketing and Instructor Approval	CC, OLE, SMA, VPA

KEYBOARDING
This course will introduce the student to the electronic keyboard and the skills necessary for basic keyboarding, such as keyboard reach, stroking, basic theory as it applies to the formatting of open tables, the keying of personal and business letters, and the preparation of term papers.

ACCOUNTING
This one-hour, year long elective course is recommended for college-bound students who might consider the business field as a major and students who will be entering the work force upon graduation. This course introduces the student to basic accounting principles and procedures that are applied to accounting records kept for businesses in the private enterprise economy of the United States. Simulated projects and computerized accounting will be utilized. Opportunity to participate in BPA is optional but encouraged. Course credit may be applied to fourth year math requirement.

ADVANCED ACCOUNTING
This one-hour, year long elective course continues study in both basic and advanced accounting principles and procedures for profit-oriented businesses. Accounting procedures for sole proprietorships, partnerships and corporations will be covered in addition to departmentalized, branch and manufacturing businesses. Simulated projects and computerized accounting will be utilized. Opportunity to participate in BPA is optional but encouraged. Course credit may be applied to fourth year math requirement.

ENTREPRENEURSHIP
Designed for students interested in starting their own businesses, this course will cover feasibility studies, budgets, promotion, and other ownership concerns. Articulation agreement for college credit is possible for this class. The student needs marketing teacher and counselor approval, plus, possess proficient writing skills. DECA (our marketing association for students) membership is strongly suggested.

BUSINESS MANAGEMENT
A business/marketing course concentrating on managerial skills used in business. The course provides a critical understanding of how business organizations work and are managed – their goals, strategies, structures, technologies, environments, and the motivations and interests of people involved. In addition, students will study careers in management, ethics, laws, decision making skills, and communication skills. Through the course students will also have to opportunity to participate in DECA (our marketing association for students) and/or BPA (our business association for students).

BUILDING WEALTH
Learn how saving and investing money while you are young can lead to financial wealth. Building Wealth focuses on direct investment in the stock market along with a broad discussion of investment opportunities such as real estate and bonds. Students will come away from the course with enough basic investment knowledge to understand the need for investments, the value of investing regularly and for the long run, and the importance of beginning to invest now. Students will create and track a "mock" stock portfolio and have the opportunity to compete in the Stock Market Game.

MARKETING
Marketing I introduces students to the basic principles of business with an emphasis on marketing. Course content covers the roles of marketing foundations and functions and the role they play in the free enterprise system. All marketing programs follow the guidelines set by the Michigan Model Marketing Education Program, and are eligible to earn college articulation credit. All marketing students are required to be members of DECA, a Career and Technology Student Organization which will provide opportunity for leadership development conferences, state and national competition , and travel to real world business settings in order to aid in professional development.

ADVANCED MARKETING
This course will build on the material learned in the first year Marketing class. Students will engage in detailed studies of businesses in areas of their interest. Advertising, International Marketing, Sports and Entertainment Marketing, Management, Marketing Research and the Stock Market will all be explored. Students will engage in group and individual projects dealing with real life business situations. All students will be members of DECA and will have the opportunity to display their projects with students from around the state and country. College articulation credit is possible for this class.

RETAILING (School Store)
Retailing covers retail business operation. Students will learn retailing theory, communications, and skills in human relations. Students apply retail and marketing skills in daily school store operations using current technology and economic opportunities. All retailing students are required to be members of DECA, a Career and Technology Student Organization which will provide opportunity for leadership development conferences, state and national competition, and travel to real world business settings in order to aid in professional development.

Computer Science Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
45551S	Intro. to Computer Literacy	0.5	9 - 12	Teacher Recommendation	
45661S	Computers and Their Applications	0.5	9 - 12	None	VPA
45621S	Desktop Publishing	0.5	9 - 12	None	VPA
45701S	Visual Basic Applications	0.5	10 - 12	Computer Applications or Microsoft Office and Algebra I	OLE or VPA
45602S	Microsoft Office Suite	0.5	10 - 12	Computer Applications Recommended	OLE, VPA
45612S	Webmaster	0.5	10 - 12	None	OLE, VPA

*NOTE: While Computers and Their Applications is no longer a required course for graduation, students must be able to work proficiently with word documents, presentation programs such as PowerPoint, e-mail, web searches, and spreadsheets by the time they enter 10th grade. Students will be expected to use these skills to complete assignments. It is recommended that students sign up for Computers and Their Applications during their freshmen year if they are not confident in their computer skills.

INTRODUCTION TO COMPUTER LITERACY
This course covers a very basic introduction to the fundamentals of computers and information processing in order that students may be able to understand what a computer is, how it operates, and when a computer should be applied to the solution of personal, business, and scientific problems. Students will gain experience in the use of word processing and other application programs with hands on experience. Students will be introduced to the spreadsheet, with emphasis given to commands and making a budget. This class is an ALTERNATIVE offering for the required course of Computers and Their Applications I.

COMPUTERS AND THEIR APPLICATIONS
This course provides students with the skills and knowledge of using a personal computer using the Windows operating system. Students will enhance their word processing skills, as well as gain expertise in the use of spreadsheets, presentation software, and databases. Students will learn the basics of computer language, hardware, and networking in order to be able to solve everyday problems associated with our world of technology. The course will also provide students an introduction to creating web pages, using a digital camera, and creating documents using desktop publishing software.

DESKTOP PUBLISHING
The goal of this one semester course is to develop the skills to use a microcomputer system and desktop publishing software to produce professional level publications. Students will be using the same software and techniques used by the Newspaper and Yearbook classes to produce their publications. Students will learn the skills to combine text and graphics to produce documents that communicate effectively.

VISUAL BASIC APPLICATIONS

This advanced computer course introduces the students to the powerful tools of object-oriented language utilizing Microsoft Visual Basic to solve a variety of business problems. Students will analyze various real-life situations and develop solutions. Introduction to video game development will be utilized to enhance the learning experience of problem solving to work in real-life situations. Microsoft Access database structures will also be integrated into various programs.

MICROSOFT OFFICE SUITE

This course will build on the student's basic competencies with word processing, spreadsheets and databases. The use of the components of the Microsoft Office Suite, Word, Excel, Access, Power-Point individually and in an integrated fashion will be covered. The student will know how to apply the different tools to problems they face in other academic and business situations.

WEB MASTER

Students will learn how to create and maintain web sites and how to integrate graphics, sound and user interaction to create an effective, functional web site.

Human Services Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
48071S	Fashion, Fabrics, and Construction	0.5	9 - 12	None	VPA
48081S	Parenting I	0.5	9 - 12	None	OLE
48091S	Parenting II	0.5	9 - 12	Parenting I	VPA
48002S	Nutrition Education	0.5	9 - 12	None	VPA
48012S	Housing & Interior Design	0.5	10 - 12	None	VPA
48042S	Personal Living	0.5	10 - 12	None	SMA
48053S	Family Living	0.5	11 - 12	None	VPA

FASHION, FABRICS, AND CONSTRUCTION
Students will be able to describe and perform sewing methods, understand textile vocabulary, recognize construction techniques, identify fabrics and weaves, and demonstrate
correct sewing machine operation and construct three clothing projects. The history of fashion is also studied. Excellent course for textile, costume, and fashion design careers.

PARENTING I*
This course is designed to acquaint the student with information and concepts related to anatomy, reproduction, and birth. Specific units include conception, STI's, labor and delivery, and parenting skills. This course is for all future parents and students interested in pursuing a career in medicine, teaching, social work, or any other profession related to children and families. This course is designed for both male/female students. Excellent course for education, medical, early childhood education, and child care careers.

PARENTING II*
Parenting II deals with children from birth to six years of age. Emphasis is placed on the social, emotional, physical and intellectual development of the child, child abuse, birth defects and childhood diseases, living/working with children and teaching the preschooler. It is an excellent course for anyone who wants to work with young children. It is both lecture and lab. Students work with and observe children in an organized environment. This course is designed for both male/female students. Excellent course for anyone wishing to be a parent, teacher, early childhood education, and child care careers.

NUTRITION EDUCATION
The purpose of this course is to present nutrition education in relationship to wellness and to improve or maintain a quality of life. The interrelationship of nutrition and food are key components of the curriculum. The combined lab and curriculum stress the importance of teaching students cooperation, team building, health, food choices, food technology, and time management.

HOUSING AND INTERIOR DESIGN
This course introduces students to the concepts of living environments throughout the world with a central focus on this country. Past and future housing is explored, but practical experience with today's living possibilities is stressed. Color, texture, design, layout, and personal and psychological needs are examined. Basic drafting skills are taught with an accent on interior living space. It is recommended that CAD be taken in addition to this course.

PERSONAL LIVING

The step from high school into an adult living style is the curriculum of this course. It is comprised of the basic skills needed for independent living as an adult working person or college student. Topics include establishing values and goals, finding a job or choosing a college, selecting and caring for clothing, managing finances including a paycheck, taxes, everyday expenses, banking, the legal system, nutritional needs, and social interactions.

FAMILY LIVING*

This course is an in-depth study of interpersonal relations between individuals in marriage, and of family dynamics in today's society. Applied psychology enlightens students as to their ability to interact in group situations, in a paired relationship, and as a single individual. A mock American wedding is a special project. The course, designed for both sexes, helps students understand the psychological, physical, and emotional needs of the opposite sex in today's world.

*These courses, so designated by an asterisk, contain a unit on sex education. They incorporate information on birth control methods, sexually transmitted diseases, reproductive health, and family planning. Parents are to be advised that the state requires that in all classes in which communicable diseases are taught, a segment on A.I.D.S. (Acquired Immune Deficiency Syndrome) will be included. State guidelines require that parents be notified each year of their right to review the course materials to be used in such courses and their right to exclude their child/children from the classes.

Language Arts Courses

COURSE NUMBER	COURSE NAME	CREDITS	GRADE LEVEL	PREREQUISITE	MEETS REQ. OF:
410011	Freshman English A	0.5	9	None	NCAA
410012	Freshman English B	0.5	9	None	NCAA
410110	Freshman English - Honors	1.0	9	Application, Testing, Recommendation from 8th grade teacher	NCAA
410221	American Lit. & Comp. A	0.5	10	Freshman English	NCAA
410222	American Lit. & Comp. B	0.5	10	Freshman English	NCAA
410320	American Studies Block	1.0	10	Freshman English	NCAA
410420	American Humanities - Honors Block	1.0	10	Application, Essay, Recommendation from 9th grade teachers	NCAA
410911	Contemporary Comp. & Lit. A	1.0	11	Am. Lit., Am. St. or Am. Human	NCAA
410912	Contemporary Comp. & Lit. B	1.0	11	Am. Lit., Am. St. or Am. Human	NCAA
411240	A.P. Language & Composition	1.0	11	Am. Lit., Am. St. or Am. Human Application & Teacher Approval	CC, NCAA
41104S	Composition A	0.5	11	Am. Lit., Am. St. or Am. Human	NCAA
41294S	Composition B	0.5	11	Am. Lit., Am. St. or Am. Human	NCAA
413330	A.P. Literature & Composition	1.0	12	Cont. Comp, Comp, or AP Lang. Application & Teacher Approval	ELA, CC, NCAA
410631	British Literature & Comp. A	0.5	12	Cont. Comp, Comp, or AP Lang.	ELA, NCAA
410632	British Literature & Comp. B	0.5	12	Cont. Comp, Comp, or AP Lang.	ELA, NCAA
410831	World Literature A	0.5	12	Cont. Comp, Comp, or AP Lang.	ELA, NCAA
410832	World Literature B	0.5	12	Cont. Comp, Comp, or AP Lang.	ELA, NCAA
41114S	Applied Communications	0.5	12	Cont. Comp, Comp, or AP Lang.	ELA, NCAA
41093S	Creative Writing	0.5	12	Cont. Comp, Comp, or AP Lang.	ELA, NCAA
41341S	Theatre Performance	0.5	9 - 12	None	ELA, VPA, OLE
41351S	Theatre Special Topics	0.5	9 - 12	Theatre Performance or Teacher Approval	ELA, VPA, OLE
41431S	Theatre Arts Management	1.0	9 - 12	Teacher Approval	ELA, VPA, OLE
411510	Journalism I	1.0	9 - 12	8th gr. Teacher. Rec.; 9th gr. English; 12th gr. Instructor Perm.	ELA, NCAA
41191S	Public Speaking	0.5	9 - 12	None	ELA, NCAA
41201S	Forensics (Speech II)	0.5	9 - 12	None	ELA, NCAA
413020	10th Grade Writing Tutorial	0.5	10	Teacher Approval	
411710	Writing for Pub.: Newspaper	1.0	10 - 12	Applic., Tchr. App. & Wrtg. Smp.	ELA, OLE, VPA
411820	Writing for Pub.: Yearbook	1.0	10 - 12	Application & Teacher Approval	ELA, OLE, VPA
41212S	Debate I	0.5	9 - 12	None	ELA, NCAA
41222S	Competitive Debate	0.5	9 - 12	None	ELA, NCAA

FRESHMEN ENGLISH A & B
This course will include the study of short stories, poetry, drama, nonfiction, and the novel. Basic composition skills will emphasize sentence and paragraph structure along with the writing of the essay. Spelling, vocabulary, and grammar will be emphasized.

FRESHMEN ENGLISH - HONORS
This course will follow the same course content as Freshman English but will have accelerated instruction, activities, and requirements.

AMERICAN LITERATURE & COMPOSITION A & B
This course presents a study of American literature in historical perspective. In addition, basic composition skills and the essay are reviewed, and a research paper is required. Spelling, vocabulary, and grammar will be emphasized.

AMERICAN STUDIES BLOCK
This is a two-hour block class which focuses on the culture of America with an emphasis on the twentieth century. This course combines American History and American Literature. Students will receive English and Social Studies credit.

AMERICAN HUMANITIES - HONORS BLOCK
This is a two-hour block class that will follow a similar curriculum as American Literature and Composition and U.S. History, with accelerated instruction and additional materials. Students will receive English and Social Studies credit.

CONTEMPORARY COMPOSITION AND LITERATURE A & B
This course is designed to assist students in strengthening and further defining their skills in the practical applications of writing and reading. A major component of the course is a career exploration writing project and oral presentation project. The course also focuses on the writing process, the study and analysis of literature, study skills, vocabulary development and grammatical application skills. Although this course is considered a college preparatory class, it is developed to reinforce skills and strategies across the curriculum.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION
This course will help students become skilled readers of a variety of styles of prose and give them practice and helpful criticism necessary to make them flexible writers who can compose in a variety of modes for a variety of purposes. The goal of this course is to develop mature writers, able to write competently in their college courses. The students will be given the opportunity to take the Advanced Placement test of the College Board in May (at cost to student) which may qualify them for college credit.

COMPOSITION A
This one semester course is designed to meet the needs of students entering college composition, as well as reinforce writing skills and strategies needed in the high school curriculum. Different genres in writing will include: poetry, narrative essay, descriptive essay, multi-genre essay, college application essay, argumentative essay, MLA research paper, and problem/solution essay. There is an emphasis on conventions as well as vocabulary usage. The four principles of writing: unity, support, coherence, and sentence skills are addressed as a foundation of writing

COMPOSITION B
This one semester course is designed to meet the needs of students entering college composition, as well as reinforce writing skills and strategies needed in the high school curriculum. Different genres of writing will include: compare/contrast essays, scholarship essays, definition essay, dialogue writing, cause/effect essay, APA research

paper, and literary analysis. There is an emphasis on conventions as well as vocabulary usage. The four principles of writing: unity, support, coherence, and sentences skills are emphasized as a foundation of writing

ADVANCED PLACEMENT LITERATURE & COMPOSITION
Advanced Placement Literature will help students develop the skills to accomplish the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, the students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such elements as the use of figurative language, imagery, symbolism, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The students are encouraged to take the Advanced Placement test of the CollegeBoard in May (at cost to student) which may qualify them for college credit.

BRITISH LITERATURE & COMPOSITION A
This course is a study of British Literature with emphasis on familiarizing the student with the works of promi¬nent British authors. Eras in British Literature will include Anglo Saxon, Medieval, Elizabethan/Renaissance and 17th Century. Prominent authors and works include Beowulf, Arthurian Legends, Chaucer, Shakespeare's MacBeth, Sidney, Marlow, Spencer among others. Vocabulary development will be stressed. Writing emphasis will be placed on the essay and other genres.

BRITISH LITERATURE & COMPOSITION B
This course is a study of British Literature with emphasis on familiarizing the student with the works of promi¬nent British authors. Eras in British Literature will include Age of Reason, Pre-Romantic, Romantic, Victorian and contemporary literature. Prominent authors include Swift, Pope, Wordsworth, Coleridge, Byron, Keats, Shelley, Tennyson, Browning, Orwell and others. Major works include Gulliver's Travels, "A Modest Proposal", "The Rape of the Lock", "The Rime of the Ancient Mariner" and the novel 1984. Vocabulary development will be stressed. Writing emphasis will be placed on the essay and other genres.

WORLD LITERATURE A: Eastern Civilizations and Asia
The major emphasis in this course is on the critical analysis of works which have made a significant impact on civilization. Students will write reaction and comparison papers, and critique assigned literature. Cultures of study will include: Sumerian, Egyptian, Hebrew, Persian, Arabic, Indian, Chinese, and Japanese.

WORLD LITERATURE B: Classical Civilizations and Europe
The major emphasis in this course is on the critical analysis of works which have made a significant impact on civilization. Students will write reaction and comparison papers, and critique assigned literature. Areas of study will include: Ancient Greece, the Romans, the Middle Ages, the Renaissance, Rationalism, Romanticism, and Realism.

APPLIED COMMUNICATIONS
This course will help students develop skills in media awareness. Students will explore the inner workings of mass media, while developing personal opinions on the role of mass media in society. Students will become better-informed viewers, listeners, readers, and consumers. Writing and reading skills are emphasized throughout this course.

CREATIVE WRITING
This class will focus on the relationship between reading and writing and creative expression. Emphasis will be on guiding students to learn to think more clearly and logically and to be able to express their thoughts in writing. Each student will be challenged to express their creativity in a variety of different genres of writing including the short story, narrative writing, descriptive writing, poetry, and the study of song lyrics.

THEATRE PERFORMANCE
In this hands-on course, students will study and practice the basic tenets of theatre, including both onstage and backstage aspects of a production. Students will be assessed on individual, partner and group work and will create a portfolio which demonstrates their growth throughout the semester. The culmination of the course will consist of a class production performed before an audience.

THEATRE SPECIAL TOPICS
This class is designed so that students can take it multiple times throughout their high school career because the topic changes annually. The topic is dependent upon student interest and will be determined after class enrollment. This class can be used as an English elective or as a VPA credit.

THEATRE ARTS MANAGEMENT
Students taking this course will help manage and maintain the high school's auditorium. In addition, students will help manage current club productions, serve as outreach agents to local schools, theatres and colleges as well as participate in local and national theatre competitions and workshops. The class will be highly individualized and will demand extra hours outside of the school day, including helping to run other school functions in the auditorium. Students who are accepted must be hard-working individuals who can meet deadlines, share responsiblities and express themselves creatively.

JOURNALISM I
In this course students will study the principles of writing "News English." Students will write news and feature stories. They will also write editorials. Advertising, layout/design, public relations, news history, and current news trends will also be studied. Seniors must have teacher approval.

PUBLIC SPEAKING
Demonstrative, persuasive, argumentative, informative, and impromptu speeches will be studied and delivered in this course. The importance of organization, logic, and oral expression will be emphasized.

FORENSICS (SPEECH II)
Students will study and practice the various aspects of competitive speaking and oral interpretation. The course prepares the students to participate in the Michigan Interscholastic Forensics Association speaking events which included impromptu, sales, extemporaneous, informative, dramatic interpretation, poetry/prose interpretation, broadcasting, original oratory, and storytelling.

10TH GRADE WRITING TUTORIAL
This course is designed to help the struggling writer who has not had success in ninth grade English and needs some personalized attention before addressing tenth grade English. The course will cover writing and reading skills including sentence structure, paragraphing, vocabulary building and comprehension techniques in reading. Open to students in the tenth grade, by permission of instructor.

WRITING FOR PUBLICATIONS: NEWSPAPER
This course will allow students the opportunity to experience the power of written communication by publishing their work and receiving valuable feedback from readers. Students will focus on journalistic writing with a focus on AP style and newspaper writing including articles, captions, advertising copy and headlines. Students will develop the skill of maturely handling interviews and staff business. Choices involving ethics and values will be weighed to consider and resolve conflicts between rights and responsibilities. Journalism will cultivate an environment of student initiative, leadership, and creative expression while encouraging communication with the school and community.

WRITING FOR PUBLICATIONS: YEARBOOK
This course will focus on the writing of story, advertising copy, captions, text, and folio geared towards publications, specifically yearbook. Students will also study and practice advertising, layout & design, photography, business practices and time management. The class project will culminate in the publication of the Hartland High School Yearbook.

DEBATE I
The tools of debate–logic, research, and argumentation–will be studied and practiced. Students will be given an opportunity to debate competitively. This course will be offered both semesters.

COMPETITIVE DEBATE
The tools of debate-logic, research and argumentation–will be studied, practiced, and implemented in competitive debate. Students will prepare for fall interscholastic competition with the national topic. Summer debate camps will be available for the students. This course will be offered 1st semester only.

Math Courses

COURSE NUMBER	COURSE NAME	CREDITS	GRADE LEVEL	PREREQUISITE	MEETS REQ. OF:
44321S	Pre-Algebra	0.5	9	8th grade Teacher Recommendation and Placement Test	
44331S	Algebra I A	0.5	9	None	NCAA
44341S	Algebra I B	0.5	9	Algebra IA	NCAA
44351S	Geometry A	0.5	9 - 10	Algebra IB	NCAA
44361S	Geometry B	0.5	9 - 10	Geometry A	NCAA
440710	Advanced Geometry-Honors	1.0	9 - 10	Algebra I A & B (A) & Teacher Recommendation	NCAA
44431S	Algebra II A	0.5	11 - 12	Geometry B and Teacher Recom.	NCAA
44441S	Algebra II B	0.5	11 - 12	Algebra II A, & Teacher Recom.	NCAA
440920	Algebra II/Trig-Honors	1.0	10 - 11	Adv. Geometry or Geometry A&B, & Teacher Recommendation	NCAA
44103S	Trigonometry	0.5	11 - 12	Algebra II B & Teacher Recommendation	SMA, NCAA
44113S	Introductory Statistics	0.5	11 - 12	Algebra II B & Teacher Recommendation	SMA, NCAA
441231	Pre-Calculus A	0.5	11 - 12	Algebra I, Geometry, Algebra II and Teacher Recommendation	SMA, NCAA
441232	Pre-Calculus B	0.5	11 - 12	Pre-Calulus A	SMA, NCAA
44581S	Calculus A	0.5	11 - 12	Alg. I, Geometry, Alg. II/ Trig. or Pre- Calculus and Teacher Recom.	SMA, NCAA
44591S	Calculus B	0.5	11 - 12	Calculus A	SMA, NCAA
441340	A.P. Calculus AB	1.0	11 - 12	Pre-Calculus, or Alg. II/Trig., Application and Teacher Approval	SMA, CC, NCAA
446910	A.P. Calculus BC	1.0	12	A.P. Calculus AB, Application and Teacher Approval	SMA, CC, NCAA
441430	A.P. Statistics	1.0	11 - 12	Algebra II and Application	SMA, CC, NCAA

*NOTE: Some math classes at Hartland High School require a teacher recommendation. Without a teacher recommendation students can only register for the class after completing the necessary waiver if they earned a minimum grade of a D- in the prerequiste class. These waivers can be found in the counseling office and must be attached to the course selection sheet.

*NOTE: The Texas Instrument TI 83 or TI 84 calculator is used in all math classes at Hartland High School. Classroom sets are available for students to use during the school day. We provide this information for your convenience in the event that you wish to purchase one for your student to use at home.

PRE-ALGEBRA
This is a one semester course designed to give 9th grade students a solid foundation for further study in Algebra and Geometry. Pre-algebra is for students who need to strengthen their basic mathematical skills and master fundamental skills such as arithmetic, solving expressions and equations, and problem-solving. Placement in this course is made through teacher recommendation and a math placement test.

ALGEBRA 1 A & B
This course is designed for the college-bound students who plan to pursue further training in math-related fields. This course is a traditional study of mathematics with a good blend of integration. The lessons will be integrating algebra with geometry and probability. The students will be using technology with the study of traditional mathematical concepts. Real life situations will be visited and students will be expected to communicate solutions verbally and in written form.

GEOMETRY A & B
This is a two-semester course designed to develop logical thinking and an appreciation of the form and relationship of objects in the plane and space. Work is continued with algebraic equations and formulas. It is highly recommended that students have a C or better in Algebra I before taking this course.

ADVANCED GEOMETRY - HONORS
This course includes an in-depth study of the forms and relationships of objects in the plane and space. It is designed to develop thinking, reasoning, and logic skills through organized, sequential, and systematic approaches to problem solving. Work is continued with algebraic equations and formulas.

ALGEBRA II A & B
This course is designed for college-bound students and/or those who plan to pursue further training or employment in math-related fields. Algebra II will include a comprehensive review of Algebra I and Geometry as well as such topics as functions and relations, solving systems of equations and inequalities, radicals, irrationals, introduction to complex numbers, the study of polynomials and rational expressions, solving and graphing quadratic equations, sequences and series, and exponential and logarithmic functions. It is highly recommended that students have a C or better in geometry before taking this course.

ALGEBRA II/TRIGONOMETRY - HONORS (Please see prerequisites)
This course includes a brief review of Algebra I and continues with deeper insight into the concepts of arithmetic and geometric sequences, exponentiation, imaginary numbers, arithmetic and logarithmic functions, trigonometry, and matrices. This class is designed for the honor student. It is a rigorous, fast-paced course covering Algebra II and trigonometry in one year. Students taking this course must be able to grasp math concepts quickly.

TRIGONOMETRY
This one semester course is designed for college bound students and/or those who plan to pursue further training or employment in math related fields. The topics to be covered include trigonometric functions, circular functions, identities, study of right and oblique triangle properties, radian measure, composite angles, and practical applications of trigonometry.

INTRODUCTORY STATISTICS

This one semester course is designed for college bound students and/or those who plan to pursue further training or employment in math related fields. Students will apply their problem solving skills to gain an understanding of the fundamental ideas behind statistical methods. Some of the topics presented will be random variables, binomial and normal distribution, sampling and estimation, handling numerical data and basic ideas behind probability.

PRE-CALCULUS A & B

This course is designed for the student who intends to take Calculus. Semester one topics include: characteristics of common functions and transformations of thier graphs. The functions studied will be rational, exponential, logarithmic, and trigonometric. Semester two topics include: systems of equations, sequences and series, matrices, conics, polar equations, parametric equations, vectors and an introduction to calculus.

CALCULUS A & B

This is a course in introductory calculus with elementary functions. It is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines and conics). The main topics include: limits and continuity, derivatives, applications of the derivative, integrals, applications of the integral, and techniques of integration. A more hands on approach will be taken in this course than in AP Calculus. Students are **not** expected to take the AP Exam upon completion of this course.

ADVANCED PLACEMENT CALCULUS AB

Advanced Placement Calculus AB is a course in introductory calculus with elementary functions. It is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines and conics). The main topics include: limits and continuity, derivatives, applications of the derivative, integrals, application of the integraland techniques of integration. This course will be limited in numbers based upon application and teacher recommendations. Course is followed by a College Board Exam (at cost to the student) that will determine college credit. Students are expected to take the A.P. Exam at the completion of course.

ADVANCED PLACEMENT CALCULUS BC

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus many additional topics. AP Calculus BC is an extension of the Calculus AB course. Both courses represent college-level mathematics for which most colleges grant advanced placement and credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. Students will review and extend their knowledge of algebra, geometry, trigonometry, calculus, and other areas as appropriate for contest preparation. Students study differentiation, integration, and other calculus topics.

ADVANCED PLACEMENT STATISTICS

This is a full year course using the practice of modern statistics. Students will use technology to analyze data (graphs), interpret distributions of data, produce models using probability and simulation, test hypotheses and determine significance levels. Students wishing to take this course should have strong reasoning skills and good work ethics. Course is followed by a College Board Exam (at cost to student) that will determine college credit.

Music Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
46752S	Beginning Guitar	0.5	10 - 12	None	VPA
466610	Concert Choir (girls)	1.0	9 - 12	Audition	VPA
466710	Eagles Choir (mixed)	1.0	9 - 12	Audition	VPA
466810	Varsity Chorus	1.0	9 - 12	Audition	VPA
466910	Con Espiritu (girls)	1.0	9 - 12	Audition	VPA
467010	Concert Band	1.0	9 - 12	Audition	VPA
467110	Symphony Band	1.0	9 - 12	Audition	VPA
467210	Varsity Band	1.0	9 - 12	Audition	VPA
467310	Wind Ensemble	1.0	9 - 12	Audition	VPA
467410	Jazz Ensemble (7th period)	1.0	9 - 12	Audition	VPA

Music courses are one year courses open to 9th through 12th grade students. All courses are by audition with the exception of the one semester guitar class.

BEGINNING GUITAR
This class will be one semester of guitar instruction beginning with the basics. Tuning, string names, a strong emphasis on reading music, and music theory will be covered in depth. This class will look at some of the more prominent professional guitar players of the past and present. Students will be graded on tests of playing, written material, and short performances for the rest of the class. If time permits, students may get a chance to perform during a small recital near the end of the semester. Music is available for duets, trios, and quartets. Students will provide their own acoustic guitar.

HIGH SCHOOL CHOIR (Con Espiritu, Varsity Chorus, Eagles Chorus, Concert Choir)
All choirs learn to sing music in languages such as: English, French, Latin, Italian, German, and more. Music is selected for the ability of each group, and ranges from the medieval to present day. Students must understand that performing is a big part of these classes. There are four formal concerts, two informal, choir festival, and other possible performances for the community. Music theory, especially note reading and syllables for singing will be covered. Grades are based on performance, attendance at concerts, music theory, and improvement. A short audition is required by the instructor. **Performances are mandatory and are part of the grade.**

HIGH SCHOOL BAND (Wind Ensemble, Varsity, Symphony, and Concert Band)
The Wind Ensemble, Symphony Band, Concert Band, and Varsity Band all perform concert music, including: marches, overtures, novelty pieces, from classical to jazz styles. High standards of musicianship are expected for all band levels. Performances, attendance, music theory and some history and playing tests all comprise the band grade. The Wind Ensemble, Varsity Band, Symphony Band, and Concert Band all make up the Eagles Marching Band, which performs and practices the first 10 weeks of the year. Marching Band Camp is required during the first week of August. During schools, the band practices Wednesday and Friday from 2:20-4:30 (2:20-3:30 if you are in sports or drama) until the end of October. There is a cost associated with attending band camp. The band plays at home football games, some other games, and three parades during the year. **Performances are mandatory and are part of the class grade. The marching band physical education waiver states: Three consecutive years of high school marching band camp and passing grades in six consecutive semesters of band class will meet this requirement. Auditions are required for all groups.**

JAZZ ENSEMBLE

This group will study music literature of the big band era to modern swing and rock. Students will learn how to improvise and play in different styles. Also, music theory and some jazz history will be discussed. Performance opportunities include: concerts, big band dances, the middle school, and jazz festival in April. This group meets as a seventh hour from 2:20-3:30 P.M.. on Monday, Tuesday, and Thursday. A student must make sure that they make no other commitments during these times. **Performances are mandatary and are part of the class grade. Attendance is part of the grade, as well as performance, theory, and improvement. An audition is required. Students must be enrolled in a choir or band class during the regular school day in order to be eligible for Jazz Band.**

Note: Larger instruments may not be permitted on the school bus. Therefore, other arrangements must be made to transport large instruments to and from school.

Band and Choir can be taken all four years with students still meeting all graduation requirements. Below is an example of one way a student can arrange their schedule to meet requirements, take world language courses, and still have room for four years of music:

Possible four-year plan including music and world language

Freshman	Sophomore	Junior	Senior
Freshman English	English	English	English
Algebra A & B	Geometry A & B	Algebra II	Senior Math
Geo/Physical Science	Biology	Chemistry/Physics	Elective
Global Studies	American History	Economics/Government	Elective
Health/Phys. Education	Elective	World Language	World Language
Band/Choir	Band/Choir	Band/Choir	Band/Choir

Other combinations are possible, the key is advance planning.

Physical Education Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
46001S	Health	0.5	9 - 12	None	
46011S	Physical Conditioning	0.5	9 - 12	None	
460811: Sem. 1 460812: Sem. 2	Advanced Conditioning	0.5	9 - 12	P. Conditioning & participate in high school athletics & teacher approval/signature	
46032S	Weight Training	0.5	10 - 12	P. Conditioning	
46042S	Racquet Sports	0.5	10 - 12	Any 10 - 12 grade student	
46052S	Team Sports	0.5	10 - 12	Any 10 - 12 grade student	

HEALTH*
This is a one semester course covering HIV/AIDS/STI instruction, personal health (including physical, mental, and social health), violence prevention, healthy relationships and reproductive health. All parts of the curriculum include an emphasis on drug and alcohol's influence on good decision making, as well as how to be assertive and avoid peer pressure situations.

PHYSICAL CONDITIONING
This course will include the fundamentals of developing and applying an individualized conditioning program. The class will include units on flexibility, cardiovascular endurance, aerobics, strength training, and diet and nutrition. The emphasis of this course will promote lifelong physical fitness.

ADVANCED CONDITIONING
This course is designed for athletes who wish to enhance their athletic performance. The Bigger, Faster, and Stronger Program will be referenced. Training techniques and principles of nutrition will be learned. Grades will be based on participation, physical testing, and cognitive knowledge measured by assignments and written assessments. Students who have successfully completed Physical Conditioning and actively participate in high school athletics are eligible to take this course. Note: Teacher approval/signature is required.

WEIGHT TRAINING
This course will assist the student in obtaining a higher level of muscular strength, endurance, power, flexibility, cardiovascular and speed training.

RACQUET SPORTS
This is an in-depth study of the rules, skills, and strategies of four racquet sports. Sports include tennis, badminton, pickleball, and table tennis. Each sport will last approximately four to five weeks.

TEAM SPORTS
An in-depth study of team sports. First semester sports offered will be soccer, team handball, flag football, and basketball. Second semester will include basketball, team handball, soccer and softball.

*This course, so designated by an asterisk, contains a unit of sex education. It incorporates information on birth control methods, sexually transmitted diseases, reproductive health and family planning. Parents are to be advised that the state requires that all students who receive instruction in classes in which communicable diseases are taught, a segment on A.I.D.S. (Acquired Immune Deficiency Syndrome) will be included. State guidelines require that parents are notified each year of their right to review the course materials to be used in such courses and their right to exclude their child/children from the class/es.

Science Courses

COURSE NUMBER	COURSE NAME	CREDITS	GRADE LEVEL	PREREQUISITE	MEETS REQ. OF:
43231S	Geophysical Science A	0.5	9 - 11	None	NCAA
43241S	Geophysical Science B	0.5	9	Geophysical Science A	NCAA
43251S	Biology A	0.5	9 - 10	None	NCAA
43261S	Biology B	0.5	9 - 10	Biology A	NCAA
43361S	Chemistry A	0.5	10 - 12	Biology; Geometry (math may be concurrent)	NCAA, SCI
43371S	Chemistry B	0.5	10 - 12	Chemistry A	NCAA, SCI
43461S	Honors Chemistry A	0.5	10 - 12	Biology, Honors Geometry or Algebra II (math and Biology may be concurrent)	NCAA, SCI
43471S	Honors Chemistry B	0.5	10 - 12	Honors Chemistry A	NCAA, SCI
430630	Anatomy & Physiology	1.0	11 - 12	Biology	NCAA
431631 - S1 431632 - S2	Environmental Science	0.5 or 1.0	11 - 12	Biology	NCAA
43401S	Physics A	0.5	10 - 12	Biology and Geometry (math and biology may be concurrent)	NCAA, SCI
43411S	Physics B	0.5	10 - 12	Physics A	NCAA, SCI
43481S	Honors Physics A	0.5	10 - 12	Biology, Algebra II (math may be concurrent)	NCAA, SCI
43491S	Honors Physics B	0.5	10 - 12	Honors Physics A	NCAA, SCI
430930	A.P. Biology	1.0	11 - 12	Honors Chemistry (may be concurrent); Application Required	NCAA, CC
431030	A.P. Chemistry	1.0	11 - 12	Honors Chemistry; Application Required	NCAA, CC
431140	A.P. Physics C-Mechanics	1.0	11-12	Honors Physics; Pre-Calculus (math may be concurrent) Application Required	NCAA, CC

Required Science Course Sequence

Sequence	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
1	Geophysical	Biology	Chemistry or Physics	Chemistry or Physics	Elective
2	Physical Science	Geophysical	Biology	Chemistry or Physics	Elective
3	Physical Science	Biology	Chemistry or Physics or Geophysical	Chemistry or Physics or Geophysical	Elective

Note: To receive an honorary science award at Senior Honors Night, students must complete five (5) science classes including Geophysical Science, Biology, Honors Chemistry, Honors Physics, then either A.P. Biology, A.P. Chemistry, A.P. Physics or Anatomy/Physiology. For these classes, no semester grade may be lower than a B. Transfer students will be screened individually.

GEOPHYSICAL A
Our lives and civilization depend upon how we understand and manage our planet's resources, processes and environment. Geophysical A will integrate earth science and physics topics to help students gain a true understanding of our physical world. Topics covered will include: waves, the universe, earth location and motion, the earth-moon system, atmosphere, severe weather, climate, climate change and oceans.

GEOPHYSICAL B
This course will use the same integrated approach to help students understand the physical environment as Geophysical A. Topics will include: resources and electricity, advanced rock cycle, plate tectonics, earth interior, changes in the crust, volcanology, seismology, hydrology and earth history.

BIOLOGY A
This course will cover concepts important to understanding the rapidly developing fields of molecular biology. Topics include: Organic chemistry, cell structure, cell transport and division, cellular energy, viruses and bacteria and human systems.

BIOLOGY B
This course will cover concepts important to understanding the rapidly developing fields of molecular, evolutionary, and environmental biology. Topics include: Medelian genetics, genetic technology, classification, evolution, ecology and human systems.

CHEMISTRY A and B
This course will cover the Michigan Merit Curriculum chemistry requirements. Emphasis will be placed on the development of skills in observation, scientific inquiry and laboratory techniques. The mathematical relationships studied will require basic algebra skills.

HONORS CHEMISTRY A and B
This course is designed for college bound students wishing to study science or math, students planning to enroll in AP science courses, or for those with solid math and science skills. This course will cover all of the Essential and Core, and most of the Recommended Michigan Merit Curriculum chemistry requirements. Emphasis will be placed on the advanced development of skills in observation, scientific inquiry, laboratory techniques and problem solving.

ANATOMY & PHYSIOLOGY
Anatomy and physiology will study the different systems in the human body. The stuctures within the body and their functions are explored. An emphasis will be on understanding the connections that exist between the different systems and the conditions that result when these systems do not function correctly.

ENVIRONMENTAL SCIENCE
This course is an interdisciplinary course covering relevant issues in science and real world applications. The main focus is on environmental studies such as overpopulation, pollution, loss of resources, conservation, and consequences associated with resolving and preventing environmental problems. This is a semester course that will teach different concepts each semester.

PHYSICS A and B
This course will cover the Michigan Merit Curriculum requirements. The emphasis of this course will be on the explanation of natural phenomena by analyzing the world around the students using limited math.

HONORS PHYSICS A and B
This course is designed for college bound students and will cover Michigan Merit Curriculum physics requirements. Classical physics will be constructed using both conceptual and mathematical modeling; therefore a strong background in mathematics is essential. The emphasis will be to use modeling to connect the abstract mathematics of physics with the concrete world. This course does not involve calculus.

ADVANCED PLACEMENT BIOLOGY
This course is a study of living organisms with emphasis on cellular structure and function, genetics, and molecular biochemistry. It is equivalent to a first-year college biology class. On completion of the class an advanced placement test is available (at student's expense) to the student from which they may earn college credit.

ADVANCED PLACEMENT CHEMISTRY
This course is designed for students desiring a college level chemistry experience and/or credit. This class is designed to match a first year college level inorganic chemistry class as determined by the College Board. Emphasis will be on problem solving, laboratory work and exam preparation. Students will be given the opportunity to earn college credit upon successful completion of an advanced placement test given in May (at the student's expense).

ADVANCED PLACEMENT PHYSICS C MECHANICS
This course is designed for students needing a strong physics background for anticipated college work. In this course, Newtonian Mechanics will be constructed using both conceptual and mathematical modeling, including some calculus; therefore a strong background in mathematics is required. The emphasis of this course will be to use modeling and problem-solving techniques to connect the abstract mathematics of physics with the concrete world. Students will be given the opportunity to earn college credit upon successful completion of both this course and the Physics C - Mechanics AP® test (at the student's expense).

Social Studies Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
420011	Global Studies A	0.5	9	None	NCAA
420012	Global Studies B	0.5	9	Global Studies A	NCAA
420120	Basic American History	0.5	10 - 12	Global Studies Teacher Recommendation	NCAA
420221	American History A	0.5	10 - 12	None	NCAA
420222	American History B	0.5	10 - 12	American History A	NCAA
420320	American Studies Block	1.0	10	Freshman English or Honors	NCAA
420420	Honors American Humanities Block	1.0	10	Freshman Eng. or Honors; Recommendation of Fresh. Eng. & W. H. Teachers; Essay	NCAA
42073S	American Government	0.5	11 - 12	American History	NCAA
42093S	Economics	0.5	11 - 12	None	NCAA
42243S	Sociology	0.5	11 - 12	None	NCAA
42253S	Intro to Psychology	0.5	11 - 12	None	NCAA
423030	A.P. Psychology	1.0	11 - 12	None	NCAA
42273S	History Seminar	0.5	11 - 12	None	
42283S	Contemporary Affairs	0.5	11 - 12	None	NCAA
421130	A.P. European History	1.0	11 - 12	A/B+ Average; S.S. Teacher Recommendation; Application	CC, NCAA

GLOBAL STUDIES
This course is a survey of Global events beginning with Ancient Civilizations to the world wars. Emphasis is placed on reading, writing, research, and presentation skills.

BASIC AMERICAN HISTORY
This course is a study of major events in American History from the Progressive Era to present events. This class is an alternative offering for American History (a graduation requirement). Emphasis will be given to improving Reading, Organizational, and Study skills.

AMERICAN HISTORY
This course is a survey of the broad picture of American History from the Progressive Era to present events.

AMERICAN STUDIES BLOCK
This is a two-hour block which focuses on the culture of America with an emphasis on the twentieth century. This course combines American history and literature. Students will receive English and Social Studies credit.

HONORS AMERICAN HUMANITIES BLOCK
This is a two-hour block class that will follow a similar curriculum as American Literature and Composition and U.S. History, with accelerated instruction and additional materials. Students will receive Social Studies and English credit.

AMERICAN GOVERNMENT
In this course the student will study the government of the United States on a federal, state, and local level.

ECONOMICS
This course is a study of the American economic system and economic systems. The emphasis will be on the practical functions of the market place and practical applications of economic theory.

SOCIOLOGY
This course is a one semester introduction to Sociology. Student will study behavior with a major emphasis on present day Western society. Topics covered include: sociological perspectives, research, culture, socialization, social structure, group interaction, deviance, social stratification, social institutions (family, education, religion, economy, and government), and social change.

INTRO TO PSYCHOLOGY
This course will serve as a semester introduction to the principals of Psychology. Students will study individual behavior and its underlying causes. Topics covered will include: the history of psychology, research, the body and behavior, altered states of consciousness, learning and conditioning, memory and thought, psychological and intelligence testing, developmental and personality theories, psychological disorders, as well as therapy.

ADVANCED PLACEMENT PSYCHOLOGY
This full year course is designed to introduce students to the systematic and scientific study of human and animal behavior. Students are exposed to the psychological facts and principles associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The course may qualify the student for college credit upon successful completion of the College Board's Advanced Placement test given in May at a cost to the student.

HISTORY SEMINAR: **Special Topics in World and United States History**
This course is a semester long elective within the Social Studies Department for juniors and seniors. The class focuses on a specific era or event in history for the semester, and changes topics annually. The course is designed for those who are interested in taking an additional history course after completing the ninth and tenth grade requirements.

CONTEMPORARY AFFAIRS
This course is designed to explore contemporary issues of the day. Students will examine current events in the news, theater, music, and sports. Debate, discussion, and web research will provide participants the skills to make knowledgeable and informed decisions. It is hoped that students enrolled will develop their capacities as leaders who will challenge the present and enrich the future. This semester long class will be an elective open to juniors and seniors.

ADVANCED PLACEMENT EUROPEAN HISTORY
The student will examine Western civilization from the Pre-Renaissance period to the 1980's. The course may qualify the student for college credit upon successful completion of the College Board's Advanced Placement test given in May at a cost to the student.

World Language Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
450010	French I	1.0	9 - 12	None	WL, NCAA
450120	French II	1.0	9 - 12	French I (C-)	WL, NCAA
450230	French III	1.0	10 - 12	French II	WL, NCAA
450340	French IV	1.0	11 - 12	French III	WL, NCAA
453710	French V	1.0	12	French IV	WL, NCAA
450410	German I	1.0	9 - 12	None	WL, NCAA
450520	German II	1.0	9 - 12	German I (C-)	WL, NCAA
450630	German III	1.0	10 - 12	German II	WL, NCAA
450740	German IV	1.0	11 - 12	German III	WL, NCAA
450810	Spanish I	1.0	9 - 12	None	WL, NCAA
450920	Spanish II	1.0	9 - 12	Spanish I (C-)	WL, NCAA
451030	Spanish III	1.0	10 - 12	Spanish II	WL, NCAA
451140	Spanish IV	1.0	11 - 12	Spanish III	WL, NCAA
452710	A.P. Spanish	1.0	11 - 12	Spanish IV and Teacher Approval	WL, NCAA

***A sequence of two years in the same language is recommended for college bound students.**

To receive academic recognition at Undergraduate Honors Night a student must maintain an A average each semester. To receive an honor cord and academic recognition at Senior Honors Night, a student must maintain an A or A- average for each semester for three or four years.

FRENCH I
This course will introduce students to the French language and culture through exploring vocabulary related to introductions, telling time, ordering at a restaurant, likes and dislikes, sports, clothing, numbers, holidays, and much more. Students will also deal with using grammar in the present tense and simple future tense in addition to using common phrases in French.

FRENCH II
This course is designed to develop more fully the vocabulary and grammar structures introduced in French I. In addition, this class will cover the overall themes of contemporary French culture, francophone countries, impressionist art, monuments of Paris, and idiomatic expressions. Students will develop speaking and listening skills through daily communication in French.

FRENCH III
This course will focus on communication in French, both written and spoken. Overall themes of travel by train, airplane, car, and lodging will be covered. Students will begin learning complex grammar structures in an effort to facilitate authentic conversation and aid comprehension.

FRENCH IV
This course is designed as an advanced study of the French language. Emphasis will be placed on the acquisition of all formal grammar structures and on reading and discussing works of French authors. Several critical papers will be required.

FRENCH V
This course will be taught as a college-level French literature course. Students will be required to read works by French authors and poets and keep abreast of contemporary issues in France. The class will be conducted entirely in French, and both written and verbal communication will aid students to become more fluent in, and comfortable with, the language. Several critical papers and verbal examinations will be required.

GERMAN I
This course is a general introduction to the German language including vocabulary, pronunciation, grammar, and culture. Emphasis will be on modern German life, including the use of idioms.

GERMAN II
German II is a continuation of the material presented in German I. Students will be introduced to more complex forms of grammar and to German literature.

GERMAN III
A logical progression of German I and II, with continuation of emphasis on speaking and listening with additional studies in German culture, i.e. poems, literature, and films. Students will be required to write a critical paper in German as a semester project.

GERMAN IV
The class is conducted largely in the target language with readings in twentieth century German literature and increased emphasis on art and other aspects of culture. A critical paper is required.

SPANISH I
The student is introduced to the basic vocabulary and pronunciation, and gradually builds a foundation in speaking and understanding the language. Some reading and writing follow in the natural development of the language skills. The student becomes acquainted with the culture and gains some insight into cultural similarities and difference. Grammar concepts are introduced at this level.

SPANISH II
This course is designed to develop more fully the student's ability to listen, speak, read, and write Spanish. Speaking and listening skills will be developed through daily use of Spanish. Students will create original dialogue, practice communicating, and learn to discuss their own interests. Students read simple narratives and learn to write short paragraphs. They continue to study basic vocabulary and culture. Formal grammar study begins at this level.

SPANISH III
The major emphasis in Spanish III will be on actual use of the language through readings, compositions and conversation. The grammar study will include a review of Spanish I and II as well as some complexities not previously studied. Class will be conducted in Spanish whenever possible.

SPANISH IV
Spanish IV is an advanced language study. Required oral and written material will increase fluency in the language. The major emphasis will be on speaking, writing, and reading works by Hispanic authors. Two major projects will be required. The class is conducted in Spanish.

ADVANCED PLACEMENT SPANISH
This Advanced Placement Spanish course covers the equivalent of a third-year college course in advanced Spanish composition and conversation. It stresses oral and listening skills, written composition, and grammar. Because the course emphasizes the use of Spanish for active communication, it is taught entirely in Spanish and students are required to use the target language as well. Course content is aligned with the College Board Advanced Placement Spanish Language Course Description and the instructor will make wide use of additional resources and online Advanced Placement resources.

Special Education Courses

COURSE NUMBER	COURSE NAME	CREDITS	GRADE LEVEL	PREREQUI-SITE	MEETS REQ. OF:
412710A	Language Arts -Comprehensive	1.0	9 - 12	IEPC Placement	
412310A	Language Arts 9	1.0	9	IEPC Placement	NCAA
412420A	Language Arts 10	1.0	10	IEPC Placement	NCAA
412530A	Language Arts 11/12	1.0	11 - 12	IEPC Placement	NCAA
412610A	Reading	1.0	9 - 12	IEPC Placement	
441910A	Math - Comprehensive	1.0	9 - 12	IEPC Placement	
443110A	Algebra	1.0	9 - 12	IEPC Placement	
443920A	Geometry	1.0	10 - 12	IEPC Placement	
442310A	Applied Math I	1.0	9 - 12	IEPC Placement	
442720A	Applied Math II	1,0	10 - 12	IEPC Placement	
443030A	Applied Math III/IV	1.0	11 - 12	IEPC Placement	
431410A	Science - Comprehensive	1.0	9 - 12	IEPC Placement	
431310A	Earth Science	1.0	9 - 12	IEPC Placement	
431210A	Life Science	1.0	9 - 12	IEPC Placement	NCAA
421210A	Social Studies - Comprehensive	1.0	9 - 12	IEPC Placement	
421610A	World History	1.0	9 - 12	IEPC Placement	NCAA
421320A	U.S. History	1.0	9 - 12	IEPC Placement	NCAA
42143SA	Government	0.5	11 - 12	IEPC Placement	NCAA
42093SA	Economics	0.5	11 - 12	IEPC Placement	NCAA
48063SA	Consumer Economics	0.5	11 - 12	IEPC Placement	
485510A	Personal Adjustment	1.0	9 - 12	IEPC Placement	
485610A	Living Skills - Comprehensive	1.0	9 - 12	IEPC Placement	
485710A	Study Skills	1.0	9 - 12	IEPC Placement	
485820A	Career Exploration	1.0	10 - 12	IEPC Placement	
485930A	Work Skills	1.0	11 - 12	IEPC Placement	
45631SA	Computer Applications	0.5	9 - 12	IEPC Placement	
46061SA	Physical Education	0.5	9 - 12	IEPC Placement	
46071SA	Health	0.5	9 - 12	IEPC Placement	

ENGLISH

LANGUAGE ARTS - COMPREHENSIVE
This class focuses on reading and written language skills. Students will investigate their options and learning styles, personal skills and interests using computer programs. This class will include communication skills needed in work situations, work experience, and everyday living. This program is on a rotating four year basis.

LANGUAGE ARTS 9
This class focuses on reading comprehension and developing sound written language skills. Emphasis will be on parts of speech, punctuation, and daily reading activities. Students will investigate Career Pathways and course options available. They will explore learning styles, personal skills and interests and develop an education plan using computer programs.

LANGUAGE ARTS 10
This course provides a study of literature and composition associated with United States history. It addresses different writing styles and authors through study, discussion and written work. Grammar and vocabulary are components that are incorporated into most class activities. Emphasis will be on essay development, including a paper requiring research and documentation.

LANGUAGE ARTS 11/12
This course provides the student with an opportunity to gain skills necessary for learning, shopping/buying, being a citizen, and health and safety. It will improve skills and understanding in the areas of everyday living, citizenship, and independent living. Juniors will be working with communication skills needed in work situations: interviewing techniques, job shadowing, and writing a resume. Through mentoring and/or work experience, seniors will develop an exit transition project. This project will focus on the students educational plan, Career Pathways, and IEP recommendations.

READING
This is an elective class that will focus on individual reading portfolios. It will explore the different genres in the realm of literature. This class may not be offered every semester.

MATHEMATICS

MATH COMPREHENSIVE
A comprehensive course which emphasizes basic computational skills focusing on whole numbers, introduction of fractions, problem solving and calculator skills. Math skills are applied to settings which include the home, workplace, and basic money management. This is a rotating two year course.

ALGEBRA
This course is designed for the students who plan to pursue further training in math-related fields. This course is a traditional study of mathematics, integrating the study of algebra with geometry and probability. The students will be using technology with the study of traditional mathematical concepts. Real life situations will be visited and students will be expected to communicate solutions verbally and in written form.

GEOMETRY
This course is designed to develop logical thinking and an appreciation of the form and relationship of objects in the plane and space. Work is continued with algebraic equations and formulas. It is highly recommended that students have a C or better in Algebra before taking this course.

APPLIED MATH I
The first semester of this course will create a foundation to build on consumer math applications. Topics will include basic operations, place value, fractions, decimals, percentages and multiple place value division. Time will be spent becoming proficient in calculator use. Additionally, students will learn basic algebra applications based on readiness. The second semester of this course will focus on consumer math skills such as: budgeting, check writing, leasing and financing.

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APPLIED MATH II
This course will expand on consumer math applications introduced in Applied Math I. Personal finance and business applications will be explored further. Students will develop an understanding of financial planning, insurance needs, credit reports and consumer decision making strategies. Business applications will create an awareness of skills needed to develop a small business, communicate with customers and manage a payroll. This course may not be offered on a yearly basis.

APPLIED MATH III/IV
This course will expand upon basic math operations as it relates to consumer math applications. Extensive review of place value, fractions, decimals, percentages, and multiple place multiplication and division. Business applications will create an awareness of skills needed to develop a small business, communicate with customers and manage a payroll.

SCIENCE

NOTE: These courses are offered in 9th and 10th grades. There is no sequence of classes.

SCIENCE - COMPREHENSIVE
A course which teaches the student to identify factors and events which influence the environment and living creatures, the world that surrounds them, and how it affect their everyday life. This is a rotating two year course.

EARTH SCIENCE
A course which teaches the student to identify factors and events which influence the environment and how it changes. Students also learn about astronomy, the formation of the earth's surface, and factors which influence weather.

LIFE SCIENCE
A course which teaches students about the world which surrounds them and how it affects everyday life. There is an in-depth study of the body cells, organs, systems and their interrelationships, basic food groups and nutrition, first aid and substance abuse.

SOCIAL STUDIES

SOCIAL STUDIES - COMPREHENSIVE
A comprehensive course designed to meet the needs of the individual. Cultural differences, geography, map skills, and community based activities will be stressed. This is a rotating two year course. A comprehensive course designed to meet the needs.
WORLD HISTORY
This course will focus on the events of history and how it has affected the world as it is today. Emphasis will be placed on gaining an appreciation of historical events and their impact on global society.

U.S. HISTORY
A basic course that teaches United States history from the Progressive Era to present day events and social issues. Instructional areas of this course include the political and social history of the United States.

GOVERNMENT
A basic course designed to develop a reasonable, informed citizen in the local, state, and national government areas. This course will concentrate on governmental procedures, political parties, and voting systems. This course may not be offered every semester.

ECONOMICS
This course is a study of the American economic system and economic systems. The emphasis will be on the practical functions of the market place and practical applications of economic theory.

CONSUMER ECONOMICS
The course emphasis is on the student as a consumer. Content will examine the economic system, family economics, business education, and the practical applications of economics as it affects the individual.

PRE-VOCATIONAL

PERSONAL ADJUSTMENT
This course provides students the opportunity to enhance self-esteem and improve life management skills. Goal setting, problem solving, and values clarification are a few of the topics to be covered.

LIVING SKILLS - COMPREHENSIVE
The purpose of this class is to develop the skills necessary for independent living. This will include the home, workplace, decision making and leisure time.

STUDY SKILLS
This is a course which is designed to help the student develop the skills necessary for adequate completion of school courses and future employment training programs.

CAREER EXPLORATION
This course provides the student with an opportunity to engage in career exploration. The student will develop an array of employment skills and functional social and life skills necessary for successful adjustment to independent community living.

WORK SKILLS
This course will help the students investigate, reflect, analyze, and synthesize how the interconnected puzzle of school, job, and life fit together. Lessons will be designed to promote self-knowledge, life roles, and foster career exploration.

COMPUTER APPLICATIONS
The purpose of this class is to provide the student with an introduction to the fundamentals of computers. Students will gain an understanding of the history of technology, and gain experience in the use of word processing, spreadsheets, and communication applications. This class will not be offered every semester.

PHYSICAL EDUCATION

PHYSICAL EDUCATION
This class will offer the student the fundamentals of developing and applying an individualized conditioning program. Focus will be on the specific needs of each student. Included will be strength training, diet, nutrition, aerobics, and cardiovascular training. Class will not be offered every semester. Students must have approval for entrance into this class.

HEALTH*
The course provides information regarding personal health, life cycles, HIV/AIDS instruction, consumer health, reproductive health, family planning, safety, and substance use and abuse. This class will not be offered every semester and needs instructor approval for entrance.

*State guidelines require that parents are notified each year of their right to review the course materials to be used in this course and their right to exclude their child from any portion(s) of instruction.

Non-Departmental Courses					
COURSE NUMBER	**COURSE NAME**	**CREDITS**	**GRADE LEVEL**	**PREREQUISITE**	**MEETS REQ. OF:**
	Enrichment	0.5	9 - 10	See Description	
42081S	Leadership Development	0.5	9 - 12	Teacher Recom.	
48502S	Television Production (NOTE: Class meets 1 sem. for 2 hrs.)	1.0	10-12	None	VPA

ENRICHMENT

The focus of the Enrichment class is to provide assistance to general education students so that they might achieve success in their academic classes. The Enrichment class will be offered each semester. This will be an elective class with a limit of 15-18 students per hour. Students will be given individual and/or group assistance in comprehending and completing assignments, studying for tests, and gaining a basic understanding of concepts presented in their academic classes. The course also addresses life and motivational skills, needed not only to improve a student's academic success, but also success in life. Along with focusing on the core subject areas, reading skills and writing skills, students will also focus on decision-making, problem solving, study habits, discipline, and self-esteem skills. The Enrichment class can be a viable solution to a number of educational concerns. General education students who are failing academic classes in the ninth grade can be referred by their teacher to the counselor. An eligibility team will review academic and discipline records to determine eligibility for the Enrichment class. Students in the Enrichment class will be evaluated by the following criteria and improvement areas: progress reports, use of planners, enrichment activities, participation, effort and attitude, and improved overall grade point average. Students are expected to use their time effectively in class. They must maintain an 80% or better to remain in the class and receive credit. Placement in the class for another semester or removal from the class will be reviewed on an individual basis. If a student does not use their time effectively, the student will be removed from class. This Enrichment class offers an excellent opportunity for students to receive assistance on school work while participating in a positive and productive environment geared towards success.

Prerequisite – Admission by referral from counselor upon consultation with parents, teachers, administration and an eligibility team review (teachers and adm.).
Grade Level – 9-10 (regular education)
Length of Course – One or Two Semesters per year.

LEADERSHIP DEVELOPMENT

The Leadership class is designed for the student who is interested in learning the basic concepts of leadership. Elected leaders are encouraged to attend and those who wish to be more involved with leadership activities. The class will be involved in the planning and execution of major school activities, along with numerous school related projects. Community service is a large part of the class.

TELEVISION PRODUCTION

This is a one semester, two hour block class which introduces the student to the basic elements of the television and production process. The student will experience both theory and hands on instruction in video, audio, lighting and sound, and will plan, script, and edit video productions.

Name: _____

Checklist
Rigorous Curriculum Requirements

English:

☐ Freshmen ☐ Sophomore

☐ Junior ☐ Senior

Social Studies:

☐ Global Studies ☐ U.S. History

☐ Economics (or Marketing) ☐ Government

Science:

☐ Geophysical Science ☐ Biology

☐ Chemistry ☐ Physics

Math:

☐ Algebra 1A ☐ Algebra IB

☐ Geometry A ☐ Geometry B

☐ Algebra II ☐ Senior Math

Visual, Performing, or Applied Arts:

☐ ☐ (Art, Music, CAD, Etc.)

Other

☐ Health ☐ Physical Conditioning

☐ Online Experience ☐ MME/MI Access