



**Grand Blanc  
High School**

# **Course Selection Guide 2015 - 2016**



**The Grand Blanc High School  
Course Selection Guide  
May also be viewed at our website:**

**[HTTP://GRANDBLANC.HIGH.SCHOOLFUSION.US](http://GRANDBLANC.HIGH.SCHOOLFUSION.US)**



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# **GRAND BLANC BOARD OF EDUCATION**

## **PHILOSOPHY OF EDUCATION**

The Grand Blanc Board of Education, an elected policy-making group, has the responsibility for the operation of the public schools of the district. This responsibility includes the selection of administrative leadership, the establishment of philosophy and goals, budget approval, and the determination of the curriculum. The Grand Blanc Board of Education recognizes the responsibility to prepare all students for full and free participation in a democratic society. The attainment of basic skills, self-discipline, citizenship, career preparation, and a basic understanding of cultural awareness are fundamental to adult success and happiness.



### ***Our Mission***

***Grand Blanc Community Schools, as an innovative leader in providing quality and equitable education, will develop individuals to their highest potential for living in an ever-changing world.***

## **HIGH SCHOOL**

The Grand Blanc Board of Education is desirous of maintaining a comprehensive, quality high school program designed to meet the needs of all students within our community. There shall be ample educational opportunities for the college preparatory student and the career-technical student dedicated to exploration or preparing for the role of homemaker and parent.

The Grand Blanc Board of Education recognizes that student involvement is a high priority in high school. Student organizations and teams provide opportunities for success and service not offered in an academic program. A rich program of inter-scholastic athletics, intramural activities, drama, music, speech, and social organizations shall be supported and encouraged by the Grand Blanc Board of Education and Administration.

A typical youngster with serious learning difficulties will be served in a series of individual programs developed by the Special Education Department. Provisions for special education students will exist from the age of identification to age twenty-six or until the student has attained a career-technical skill. The Grand Blanc Board of Education's efforts to serve students will be consistent with state and federal legislation.

The Grand Blanc Board of Education is committed to the community education concept recognizing that education is a life-long process that does not stop at age sixteen or graduation. School facilities exist for the use of all residents and shall be programmed accordingly to provide for the instructional enrichment and recreational needs of pre-kindergarten, adolescent, adult, and senior residents of the district.

It is imperative that an academic atmosphere prevails in our schools that provides for and encourages maximum instructional opportunities for all students. The importance of academic excellence and a common goal at all instructional levels cannot be over emphasized. To this end, the Grand Blanc Board of Education is dedicated to the firm enforcement of the student discipline code in a uniform and consistent manner.

The ultimate goal of the Grand Blanc Board of Education is the wise expenditure of tax dollars for the maximum educational use of facilities, services, and programs for the children and citizens of our community.

The Grand Blanc Board of Education is committed to a policy of Nondiscrimination in relation to race, color, sex, age, religion, height, weight, marital status, disability and national origin. **The Board appointed coordinator for all concerns and complaints for issues relating to Title IX, Section 504, the Age Discrimination Act and Title II is: Director of Personnel, Administration Building, 19920 S. Saginaw Street, Grand Blanc, Michigan 48439. 810-591-6001.**

# GRADUATION REQUIREMENTS

## Promotion, Retention, and Graduation Requirements

Placement, promotion, or retention shall be made in the best interests of the student after a careful evaluation of all alternatives. The decision on student placement rests with the building principal.

In grades kindergarten through eight, promotion or retention decisions will be made based on consideration of a variety of factors. Included among these are the child's academic needs and achievement, age, social/emotional maturity, and demonstrated mastery of the minimal instructional objectives in mathematics, reading, and writing as measured by the district's Essential Skills Test.

Factors listed in paragraph two above will be reviewed when grade level retention is being considered. Exceptions for grade level retention are:

- 1) There will be a maximum of two retentions during a student's K-8 school experience.
- 2) There will not be retention of a student who is two or more years older than his/her classmates.
- 3) A student will not be retained at any K-8 grade more than one time.

High school students must accumulate a specified number of credits during the four years of high school by meeting the requirements of the specific courses in which they are enrolled. The number and type of courses may differ from year to year due to the varying opportunities available to the individual graduating classes.

## HIGH SCHOOL GRADUATION REQUIREMENTS

### **I. CREDITS FOR ALL CLASSES**

All freshmen, sophomores, juniors, and seniors are required to take six [6] credits per year. Credit will be earned for classes completed with a grade of D- or higher, ½ credit for each semester long class and 1 credit for each year long class. Students will need twenty-four [24] credits to graduate.

Students must earn 6 credits to be moved to sophomore status, 12 credits to be moved to junior status and 18 credits to be moved to senior status. During the second semester of the school year students with 9 credits will be moved to sophomore status, 15 credits moved to junior status and 21 credits to senior status. Moreover, a student must be a junior to take the Michigan Merit Exam.

### **II. RETAKE POLICY**

A student who has earned a D in a course can retake the course in summer school, credit recovery or during the school day. The student will receive credit for both classes. Both classes and grades will show on the student's transcript. Grades will be averaged into the student's cumulative grade point average.

When a student receives an E, they may retake the class for credit and a grade in summer school or in the regular school day. The original class will stay on the transcript and be calculated in the student's GPA. Students who earn a B or C are not permitted to retake a course for credit.

### **III. EARLY GRADUATION POLICY**

Application for early graduation will be submitted to the high school principal in accordance with the Board of Education policy of Grand Blanc Community Schools. Early graduation is only considered for 7<sup>th</sup> semester seniors.

The principal may honor this request if the following conditions and requirements have been completed:

1. All high school graduation requirements have been met by the student.
2. A written request for early graduation has been received by May 1 of the student's junior year. This request must also include the rationale for requesting early graduation (i.e. family hardship, military, etc.)
3. The student and parent have acknowledged that all senior year privileges, such as prom, are forfeited; however, commencement and senior honors are not forfeited.
4. A conference between the student, parent, counselor and principal must take place prior to the end of the student's junior year to review the request for early graduation.

#### IV. GRADUATION REQUIREMENTS

<u>SUBJECT</u>	<u>GRAND BLANC REQUIREMENTS</u>	<u>INFORMATION</u>	<u>STATE OF MICHIGAN REQUIREMENTS</u>
ENGLISH	4 CREDITS	One of the following: English 9, Pre-AP English 9, or General English 9 One of the following: English 10, Pre-AP English 10, or General English 10 One of the following: American Lit, AP Language and Composition, or Literature & Writing Survey One of the following: Academic Research and Composition (ARC) + ½ credit English elective; Humanities; AP Literature and Composition; Media Literacy and Composition (MeL-Comp) + ½ credit English elective	4 CREDITS
MATHEMATICS	4 CREDITS	<ul style="list-style-type: none"> <li>• Algebra I</li> <li>• Geometry</li> <li>• Algebra II</li> <li>• One math related credit senior year</li> </ul>	4 CREDITS
SCIENCE	3 CREDITS	<ul style="list-style-type: none"> <li>• IPS/FME</li> <li>• Biology</li> <li>• Chemistry</li> </ul>	3 CREDITS
SOCIAL STUDIES	3 CREDITS	<ul style="list-style-type: none"> <li>• World History</li> <li>• U.S. History</li> <li>• Government</li> <li>• Economics</li> <li>• As part of the Economics class requirement, students must complete a career interview.</li> </ul>	3 CREDITS
PHYSICAL EDUCATION	1/2 CREDIT	Course number 0941 is required	1/2 CREDIT
HEALTH EDUCATION	1/2 CREDIT	Course number 0942 is required	1/2 CREDIT
VISUAL PERFORMING APPLIED ARTS	1 CREDIT		1 CREDIT
COMPUTER EDUCATION	1/2 CREDIT		
ADDITIONAL CREDIT	5 1/2 CREDITS	ACT Prep class (1/2 credit) will be mandatory for all students scoring below a determined score on the PLAN test. ** 5.5 credits starting with the class of 2016	
WORLD LANGUAGE	2 CREDITS of the same world language <b>-OR-</b> 1 CREDIT of world language AND 1 CREDIT of CTE <b>-OR-</b> 1 CREDIT of world language AND 1 CREDIT of VPAA	For the Class of 2016 through the Class of 2020	2 CREDITS of the same world language <b>-OR-</b> 1 CREDIT of world language AND 1 CREDIT of CTE <b>-OR-</b> 1 CREDIT of world language AND 1 CREDIT of VPAA
<b>TOTAL 24 CREDITS</b>			

Note: State Online Requirement to be met through computer requirement and technology standards embedded in all subject areas.

## V. ADDITIONAL REQUIREMENTS

- To graduate, students must pass the Michigan Merit Exam with a level 1 or 2 in each subject area or an alternative test approved by the Board of Education and the High School Principal, to receive a high school diploma from Grand Blanc High School.
- As part of the Economics class requirement, students must complete a career interview.
- College requirements vary and it is important for students to check with the college they plan to attend for additional requirements.
- NCAA requirements for athletic participation in college are very specific and should be checked regularly for changes in their eligibility.

## TIMELINE

Grade 8	EXPLORE Test (or equivalent test)
Grade 9	PLAN Test (or equivalent test)
Grade 10	PLAN Test (or equivalent test)
Grade 11	Prior to the administration of the MME, students who earn a 16 or lower on the PLAN Test will enroll in an ACT prep class.
Grade 11	Michigan Merit Exam Test (ACT/WorkKeys/Michigan Tests)
Grade 12	Students who do not earn a level 1 or 2 on all parts of the MME tests will take and pass a test approved by the Board of Education and the High School principal in the area(s) where a level of 1 or 2 endorsement or a 21 or higher on the ACT composite score has not been attained.

*(MCL 380.1278 a, b, c.)*

*Adopted August 1, 1977; Revised June 26, 1984; December 3, 1984; October 2, 1989; April 5, 1993; February 19, 1996; October 7, 1996; January 21, 1997; April 20, 1998; February 4, 2002; July 15, 2002; October 7, 2002; September 7, 2004; November 21, 200; January 15, 2007; December 6, 2010; December 5, 2011*

# ONLINE COURSE OPTIONS

According to the State of Michigan, any student in grades 5 through 12 can enroll in up to two online courses per semester. Students requesting to take up to two online courses during the 2015-16 school year must submit a letter of request along with a completed survey regarding online readiness to their guidance counselor. All courses can be viewed on the Michigan Virtual University course catalog at <https://micourses.org/>.

The letter of request must include the following:

- Student's name
- Student's ID number
- Course(s) requested, including the specific name of the course and the online vendor/provider
- Reason for requesting the course(s).

Students must also include the completed readiness survey with the letter of intent no later than April 1 of the previous school year; any requests for schedule changes after April 1 will be denied. Guidance counselors will then set up a meeting to discuss the feasibility of the online course work with the student and/or the student's parents. Any student who is approved for online coursework and is experiencing an online class for the first time will be required to take the course at Grand Blanc High School where all attendance policies apply. Students and parents must understand that online classes will not be dropped once the student is enrolled. The grade earned in the course will be entered on the student's transcript.

Students can be denied their request if any of the following conditions applies:

- the student has previously gained the credits provided from the completion of the online course;
- the online course is not capable of generating academic credit;
- the online course is inconsistent with the remaining graduation requirements or career interests of the student;
- the student does not possess the prerequisite knowledge and skills to be successful in the online course or has demonstrated failure in previous online coursework in the same subject; and
- the online course is of insufficient quality or rigor.

It is important to note that taking an online course takes diligence, commitment, and focus. Many students find online coursework difficult and do not complete the course.

**For the 2015/2016 school year, Grand Blanc High School teachers will be providing the following fifteen classes online:**

Academic Research and Composition  
Accounting  
African American History  
Algebra 2A  
Chemistry  
Economics  
Entrepreneurship  
German I

Government  
Health  
Journalism/Social Media  
Parenting  
Probability and Statistics  
Science Fiction  
U.S. History

## **Classes that fulfill the 4<sup>th</sup> year MATH-RELATED Graduation Requirement**

### **Grand Blanc High School Classes**

Accounting I  
Art Fundamentals  
Automotive Technology Block  
Advanced Automotive Technology Block  
Broadcasting & Video Production  
Broadcasting & Video Production Advanced  
Computer Science I, II, III & IV  
Construction Trades I, II  
Construction/Woodworking Advanced Studies  
Digital Business I, II, III & IV  
Engineering I, II & III  
Life management  
Marketing I  
Marketing II (Student Store)  
Modern Business  
Modern Technology I, II  
Principles of Physics  
PSSC Physics  
Virtual Enterprises International I, II  
Woodworking

***\*\*In addition, all current GBHS MATH classes count as MATH-RELATED credit.***

### **Genesee Career Institute Classes**

Allied Health Professionals-Adv. Studies  
Automotive Technology  
Computer Hardware Technician  
Create, Design, Build-CAD  
Culinary Essentials I, II  
Discover E  
Electrical Wiring  
Forensic Science II-Adv. Studies  
Health Sciences Specialty (CNA)-ADV Studies  
Introduction to 3D Game Programming  
Medical Assistant II  
Medium/Heavy Duty Technician  
STEM Technologies  
VEI-Entrepreneur  
VEI-Sports & Entertainment Marketing  
Veterinary Medicine II Adv. Studies  
Web Design, Program and Animation  
Welding

## **Classes that fulfill the COMPUTER Graduation Requirement**

### **Grand Blanc High School Classes**

Accounting I  
Broadcasting & Video Production  
Broadcasting & Video Production Advanced  
Computer Applications  
Computer Science I, II, III, IV  
Digital Media Arts I, II  
Engineering I, II, III  
Entrepreneurship  
Journalism/Social Media  
Modern Business  
Newslab (Banner)  
Web Design  
Yearbook Editor

### **Genesee Career Institute Classes**

Computer Hardware Technician  
Cosmetology  
Create, Design, Build-CAD  
Digital Media Arts  
Digital Media Arts-ADV Studies  
Emergency Medical Concepts  
Forensic Science I, II  
Introduction to 3D Game Programming  
MCF (Medical Career Foundation)  
Medical Assistant I, II  
Nursing

### **Genesee Career Institute Classes**

Public Safety/Homeland Security  
TLC I, II  
VEI Entrepreneur  
Veterinary Medicine I, II  
Visual Digital Communications  
Visual Digital Communications-ADV Studies  
Web Design, Program and Animation



## **Classes that fulfill the VISUAL PERFORMING APPLIED ARTS (VPAA) Graduation Requirement**

### **Grand Blanc Classes**

Accounting I, II  
Advanced Ceramics  
Art Fundamentals  
Automotive Technology  
Band Courses  
Broadcasting and Video Production  
Broadcasting and Video Production Advanced  
Choir Courses  
Construction/Woodworking Advanced Studies  
Competitive Debate  
Cosmetology (LTCS)  
Construction Trades I, II  
Digital Media Arts I, II  
Drama I, II, III  
Drawing, Painting and Mixed Media  
Engineering I, II & III  
Foods & Nutrition  
Introduction to Ceramics  
Journalism/Social Media  
Life Management  
Marketing I  
Marketing II (Student Store)  
Medical Careers I, II  
Modern Business  
Modern Technology I, II  
Newslab (Banner)  
Parenting/Child Psychology  
Personal Living  
Speech I, II  
Studio Art I, II, III  
Teacher Education  
Textiles I, II  
Virtual Enterprises International I, II  
Web Design  
Woodworking  
Yearbook Lab  
Yearbook

### **Genesee Career Institute Classes**

Construction Trades  
Cosmetology I & II  
Create, Design, Build-CAD  
Culinary Essentials I, II  
Digital Media Arts  
Digital Media Arts-ADV Studies  
Discover E  
Introduction to 3D Game Programming  
TLC  
VEI-Entrepreneur  
VEI-Sports & Entertainment Marketing  
Visual Digital Communications  
Visual Digital Communications-ADV Studies  
Web Design, Program and Animation  
Welding

## FOUR-YEAR PLAN WORKSHEET

CLASS	CREDITS	9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
<b>Required Courses</b>					
English	4				
Mathematics	4				
Science	3				
Social Studies	3				
Physical Education	½				
Health	½				
Visual Performing Applied Arts	1				
Computer Education	½				
World Languages	2				
<b>Electives</b>					
Art					
Business					
World Language					
Health Sciences					
Family & Consumer Sciences					
Industrial Arts					
Music					
<b>Other</b> (Including Genesee Career Institute)					

# SCHEDULING & TRANSCRIPT INFORMATION

## I. WAIVER

A student may choose to override a teacher's recommendation only if the student has met all of the course prerequisites for that class and a waiver is completed. The student must obtain a waiver form from his/her counselor. This form must be signed by the student and parent then returned to the counselor. Either the student or parent may change this course request no later than summer orientation, however, after orientation a change may no longer be made. A decision will be made on an individual basis when a teacher recommends a change in a student's placement after school begins.

## II. WITHDRAWALS

After the class change period ends each semester, only misplaced students will have their class schedule altered. These schedule changes will only be done if room is available and all teachers involved agree to the change. Students must take six hours and schedules cannot be reduced below the required six hours.

## III. TRANSFERRING GRADES AND/OR CREDIT TO GRAND BLANC HIGH SCHOOL

Classes transferred from other sources will receive credit and grades if the issuing organization is authorized by a state or regional accrediting\* agency. This group includes, but is not limited to, summer school, dual enrolled college classes, GenNET, Online/Virtual classes, and courses transferred from other United States high schools.

Students who were attending another high school and transfer to Grand Blanc High School after the start of a semester will be enrolled with full credit and grade opportunity. Students not previously attending another high school who enroll at GBHS within the first four weeks of the semester will have the opportunity to earn a ½ credit for each class. If the student enrolls after the fourth week of the semester, and before the second week of the second or fourth marking periods, he/she can earn up to a ¼ credit for each class. If the student enrolls after the first week of the second or fourth marking periods, he/she can attend school and participate in academic and extracurricular activities, but will not receive course credit.

- As explained in the Grand Blanc Board of Education Policy 6152.5

## IV. TRANSCRIPT GUIDELINES FOR INCOMING HOME-SCHOOLED STUDENTS

1. If the incoming transcript is generated by an accredited\* testing or educational institution, the classes and grades will be listed on the transcript as reported.
2. If the parent (as teacher) or another individual created the incoming transcript, the classes will be transferred but letter grades will not be listed. In lieu of the reported grades, an "S" will be listed for satisfactory completion of each course and will not be calculated into the GPA.
3. If the student receives a grade lower than a C- at GBHS in subsequent classes which are follow-ups to previous home-schooled classes, the student will be required to "test out" of the earlier classes to prove competence. A grade of 75% on the tests will be necessary to receive credit for the class in question.
4. A home-schooled student who transfers to GBHS will have a cumulative GPA and class rank based only on the classes he/she takes at GBHS (unless the student meets the requirement of #1 above). Also, all students, home-schooled or otherwise, must be enrolled at GBHS on a full-time basis for at least the 7<sup>th</sup> and 8<sup>th</sup> semesters to be considered for placement in the top ten graduating seniors.
5. Students transferring to GBHS will be able to use a maximum of 6 credits per year (3 credits per semester) from their home-school transcript.

-As explained in the Grand Blanc Board of Education Policy 6152.4

## V. TRANSFER OF GRADES AND CREDITS FROM FOREIGN SCHOOLS

When a Grand Blanc High School student participates in an approved foreign study program or when a foreign student enrolls in Grand Blanc High School, full-time study at the foreign school will be granted credits equivalent to those given for a similar period of study at Grand Blanc High School. A semester of study will be awarded 2.5 – 3 credits; a year of study will be awarded 5 – 6 credits. The student should present an official transcript or document to Grand Blanc High School that lists the successful completion of classes and the grades received at the foreign institution. The grades or percentages awarded in the course work at the foreign school will *not* be used in determining the student's cumulative grade point average at Grand Blanc High School. The student will be required to complete all Grand Blanc High School graduation requirements for credits and subjects. The student with foreign study who applies to a college or university or other post-secondary institutions will have a copy of their foreign study transcript included with the application.

\*Accrediting Organization must be a state (Board of Ed or State Dept. of Ed) or a regional agency (e.g. North Central)

# ADVANCED PLACEMENT PROGRAM

Grand Blanc High School is pleased to offer a series of Advanced Placement classes to its students. These classes are designed for students who desire an unusually rigorous curriculum to reach their full potential. These classes may require advanced research, reading, and writing. They also prepare students during their high school years to do college-level work.

Registration in Advanced Placement courses should be carefully considered because the work in these courses and the pace at which the courses are taught will be advanced and commensurate to college-level work. Classes for next year will be sectioned based on the number of student requests. In the event that the number of requests for AP classes is too small to run a section, the course will not be offered, and the student will be asked to select a different class.

***Students must understand that, upon registering for an Advanced Placement course, they are committed to that decision and understand that they will not be allowed to drop the course(s).***

**MATH:** AP Calculus AB AP Calculus BC AP Computer Science AP Statistics

**SCIENCE:** AP Chemistry\* AP Biology\* AP Physics AP Environmental Science

**ENGLISH:** AP English Literature & Composition\*+ AP English Language & Composition\*+

**SOCIAL STUDIES:** AP Psychology+ AP Macroeconomics AP Human Geography\*+  
AP U.S. History\*+ AP American Government & Politics+  
AP Microeconomics AP World History

**FOREIGN LANGUAGE:** AP Spanish

\* Summer reading required

+Application required

## WEIGHTED GRADE POLICY

All students participating in Advanced Placement courses will receive weighted grades. The formula for determining the students grade point average will be as follows: a semester grade of an A will be worth 5 points, a B will be worth 4 points, a C will be worth 3 points, a D will be worth 1 point (no additional points), and an E will be worth 0 points (no additional points).

### Traditional Point Scale:

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

### Advanced Placement Point Scale:

A	5.0
A-	4.8
B+	4.5
B	4.0
B-	3.8
C+	3.5
C	3.0
C-	2.8
D+	1.5
D	1.0
D-	0.8
E	0.0

# INNOVATIVE CLASS OPTIONS

## **NEW! Grand Blanc Early College-GBEC *(In partnership with the University of Michigan-Flint)***

Grand Blanc Early College is a program that allows current sophomores (graduating class of 2017) with a 3.0 or higher GPA, to commit to one additional year of high school and participate in a combination of high school and college courses during their 11<sup>th</sup>, 12<sup>th</sup>, and 13<sup>th</sup> year of school. Upon completion of the 13<sup>th</sup> year, students will graduate with their high school diploma and 48 college credits. College courses during the 11<sup>th</sup> and 12<sup>th</sup> year will be held on the GB campus and taught by U of M-Flint professors. During the 13<sup>th</sup> year, students will take their remaining graduation requirements online and attend their remaining courses on the U of M-Flint campus.

Additional program qualifications, application process and fees can be found on the Grand Blanc High School website: [www.early-college.grandblanc.schoolfusion.us](http://www.early-college.grandblanc.schoolfusion.us)

## **GenNet**

The Genesee Network for Education Telecommunications (GenNET) is a fiber optic network that provides integrated voice, video, and data communication technologies to all twenty-one public schools in Genesee County.

Students can take unique classes from teachers in other districts without ever leaving Grand Blanc. In the GenNET classroom, there are four television screens and numerous cameras. Three of the screens show students from other districts and one screen shows the teacher. With the cameras located throughout the room, students are able to see their teacher and classmates. The various camera angles provide a good view of the classroom along with teaching demonstrations and classroom activities.

Due to the independent nature of the classroom, students are expected to be responsible and self-directed. Potential GenNET students must have a minimum 3.0 GPA and a good attendance record.

The actual GenNET schedule is determined in the spring based on student interest and availability. If you have any questions, please contact Mrs. Gardner in the Counseling Office.

## **DUAL ENROLLMENT**

Dual enrollment is a program that allows students to take a class at a local college or university as part of their regular school day. Students will earn credit from the college as well as from Grand Blanc High School. Dual enrollment is open to students who have met the following criteria: a minimum GPA of 2.5 to dual enroll at Mott Community College; juniors must have a 3.5 GPA and seniors must have a 3.2 GPA to dual enroll at University of Michigan-Flint. They must have met qualifying scores on the EXPLORE, PLAN, ACT, or MME. There are two guidelines for selecting college courses. It is only necessary to meet one of the two guidelines below:

1. The college class must be one that is not offered at Grand Blanc High School.
2. The student must have exhausted a program of study by successfully completing the highest level offered at Grand Blanc High School in that discipline.

Grand Blanc Community Schools has a maximum dollar amount predetermined by the state of Michigan to cover tuition. However, if the tuition exceeds the predetermined dollar amount set by the state, students' parents are expected to pay the difference. If you are interested in more information on this topic, contact Mrs. Mol in the Guidance Office.

## **AP CREDIT DUAL ENROLLMENT POLICY**

A dual enrolled student who is enrolled in a core subject area (Math, English, Social Studies, Science, and World Language) course that is beyond the AP courses offered at Grand Blanc High School, as determined by department chairs, will be graded on a weighted 5.0 grading scale for that class. The formula for determining the students grade point average will be as follows: a semester grade of an A will be worth 5 point, a B will be worth 4 points, a C will be worth 3 points, a D will be worth 1 point (no additional points), and an E will be worth 0 points (no additional points). A list of approved classes are posted below. If a class has not already been approved, the student will need to submit a request to the department chair to review the curriculum of the course prior to the start of the course for approval. The request form can be picked up in the counseling office.

Currently approved courses:

U of M Flint – MTH 220 Elementary Linear Algebra (Abstract)

U of M Flint – MTH 222 Multivariate (Calculus 3)

U of M Flint – MTH 230 Discrete Math

U of M Flint – MTH 305 Differential Equations (Calculus 4)

U of M Flint – PHY 243 Principles of Physics I

U of M Flint – BIO 328: Genetics

U of M Flint – BIO 167 w/ lab Human Anatomy & Physiology

U of M Flint – BIO 135 Microbiology

U of M Flint – ECN 314 Money and Banking

U of M Flint – PHY243 Principles of Physics

U of M Flint – CSC 275 Problem Solving and Programming 2

U of M Flint – CSC 276 Problem Solving and Programming 2

U of M Flint – CSC 370 Intro to Information Security

U of M Flint – CSC 384 Database Design

U of M Flint – POL 261-Intro to Political Theory

Mott CC – BIO 151 w/ lab Human Anatomy & Physiology

Mott CC – ENG L205 Creative Writing

Mott CC – MTH180 Analytical Geometry

Mott CC – MTH 280 Differential Equations

Mott CC – PSYC 285 Child Psychology

Mott CC – PSYC 291 Psychology of Human Development

## **Free College Credit by Articulation**

Articulated credits are free college credits that high school students can earn through successful completion of Career & Technical Education programs. This is possible because the college and high school faculty/instructors have evaluated the courses to qualify them for articulated credit. By reviewing the curriculum, instructional materials, equipment and course assessments, the college instructor(s) have certified that these high school classes are equivalent to the college course(s). An agreement between the college and high school is written stating the number of credits each college will award. The free college credit is held in escrow for high school students until they enroll in that college. Over 100 state approved Career and Technical Education class (business, CAD, auto, medical...) at GBHS offer free articulation credits. Students should see a CTE teacher and/or counselor with questions on articulation credits.

# National Collegiate Athletic Association (NCAA) Steps to Achieving Your Eligibility

[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

The NCAA Eligibility Center has designed a website with you, the student-athlete, in mind. This is where you will find the tools and information you need to begin your college experience as a student-athlete.

## Freshmen and Sophomores

- Start planning now!
- Work hard to get the best grades possible.
- Take classes that match your high school's list of NCAA courses. The NCAA Eligibility Center will use only approved core courses to certify your initial eligibility. (See below on how to access this list.)
- If you fall behind, use summer school sessions before graduation to catch up.

## Juniors

- At the beginning of your junior year, complete your online registration at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- When you register to take the ACT, use the NCAA Eligibility Center code "9999" as a score recipient. Doing this sends your official score directly to the NCAA Eligibility Center.
- Double check to make sure the courses you have taken match your school's list of NCAA courses.
- Through Parchment Transcript Service on the GBHS website under Resources: Students, send an official transcript to the NCAA Eligibility Center after completing your junior year. If you have attended more than one high school, the NCAA Eligibility Center will need official transcripts from all high schools attended. **(The NCAA Eligibility Center does NOT accept faxed transcripts or test scores.)**
- Before registering for classes for your senior year, check with your high school counselor to determine the amount of core courses that you need to complete your senior year.

## Seniors

- Take the ACT and/or SAT again, if necessary. The NCAA Eligibility Center will use the best scores from each section of the ACT or SAT to determine your best cumulative score.
- Continue to take college-prep courses.
- Check the courses you have taken to match your school's list of NCAA courses.
- Review your amateurism responses and request final amateurism certification on or after April 1 (for fall enrollees) or October 1 (for spring enrollees).
- Continue to work hard to get the best grades possible.
- Graduate on time (in eight academic semesters).
- After graduation, request your final transcript through Parchment Transcript Service on the GBHS website under Resources: Students and have it sent to the NCAA Eligibility Center with proof of graduation.

## NCAA Eligibility Center Registration

### Online Registration

To register with the NCAA Eligibility Center:

- Go online to [www.eligibilitycenter.org](http://www.eligibilitycenter.org)
- Click the link to enter at an NCAA College-Bound Student-Athlete.
- To create an account, either click on the "New Account" button at the top right of the screen or the cell phone on the left side of the screen.

### For a list of NCAA courses and Division I and II Eligibility Requirements go to:

- ✓ [www.eligibilitycenter.org](http://www.eligibilitycenter.org)
- ✓ Click the NCAA College-Bound Student-Athlete link to enter and then
- ✓ Click on the "Resources" tab at the top
- ✓ Select "U.S. Students" where you will find the link for the "Eligibility Quick Reference Sheet", "Division I and II Worksheets" and the GBHS "List of NCAA Courses" plus much more!

**Division I:** Central Michigan University, Eastern Michigan University, Michigan State University, Oakland University, University of Detroit Mercy, University of Michigan, and Western Michigan University

**Division II:** Ferris State University, Grand Valley State University, Hillsdale College, Lake Superior State University, Michigan Tech University, Northern Michigan University, Northwood University, Saginaw Valley State University, and Wayne State University

# NCAA APPROVED CORE CLASSES

Grand Blanc High School

## **English**

Academic Research & Composition  
American Literature  
AP Language & Composition  
AP Literature & Composition  
Bible as Literature  
Competitive Debate  
Contemporary Literature  
Creative Writing  
English 9  
English 9-Pre AP  
English 9 T  
English 10  
English 10-Pre AP  
English 10 T  
Humanities  
Science Fiction  
Shakespeare  
Speech I  
Speech II (1 Speech course only)  
World Affairs

## **Social Science**

African American History  
American Government  
American Government T  
AP American Government & Politics  
AP Human Geography  
AP Macroeconomics  
AP Microeconomics  
AP Psychology  
AP United States History  
AP World History  
Economics  
Economics T  
Law & Society  
Psychology  
Sociology  
US History & Geography  
US History & Geography T  
World History & Geography  
World History & Geography T

## **Additional Core Courses**

American Sign Language 1,2,3  
Chinese 1,2  
French 1,2,3,4,5  
German 1,2,3,4,5  
Spanish 1,2,3 & 4 Pre-AP, AP Spanish Language

## **Mathematics**

Algebra I A (.5 credit)  
Algebra I Block (1 credit max)  
Algebra I  
Algebra I Honors  
Algebra I T  
Algebra II A (.5 credit)  
Algebra II B (.5 credit)  
Algebra II Block (1 credit max)  
Algebra II  
Algebra II Honors  
Analytic Geometry  
AP Calculus AB  
AP Calculus BC  
AP Statistics  
College Algebra  
Geometry  
Geometry Block (1 credit max)  
Geometry Honors  
Honors PreCalculus  
Intro to Calculus  
Probability & Statistics  
Sports Statistics  
Trigonometry

## **Natural/Physical Science**

AP Biology  
AP Chemistry  
AP Environmental Science  
AP Physics  
Biology  
Chemistry  
Chemistry Honors  
Earth Science  
IPS/FME  
IPS/FME Honors  
IPS/FME T  
Marine Biology  
Material Science  
Oceanography  
Principles of Chemistry  
Principles of Physics  
PSSC Physics

**See your school counselor early on for help  
with this process!**



# Genesee Career Institute (formally Skill Center)

The Genesee Career Institute provides career-technical training for **11th and 12th** graders who wish to explore career opportunities and develop specific job skills. Approximately 40 different career-technical courses are taught at the GCI (see listing below). Detailed course descriptions are available in the Grand Blanc High School Counseling Office or by visiting [www.geneseecareerinstitute.org](http://www.geneseecareerinstitute.org) for more information.

Enrollment in Genesee Career Institute courses is limited; therefore, students interested in attending are asked to complete an application during the second semester of their sophomore and/or junior year(s). Applications are available in the Grand Blanc High School Counseling Office.

Students accepted into Genesee Career Institute programs will spend approximately 2 hours per day at the center receiving instruction and hands-on experience for which they will earn two and a half (2.5) credits per year. The time spent at the Genesee Career Institute is part of the student's regular school day (see session schedule below). Bus transportation is provided for all sessions. First session students must provide their own transportation to the high school to ride the GCI bus that leaves at 6:35 am.

## GENESEE CAREER INSTITUTE PROGRAMS

### Marketing

VEI Entrepreneur  
VEI Sports & Entertainment Marketing

### Information Technology

Computer Hardware Technician  
Computer Hardware Networking & Support  
Introduction to 3-D Game Programming  
Web Design, Programming & Animation

### Health Science

Allied Health Professional-ADV Studies  
EMC (Emergency Medical Concepts)  
EMT II (Emergency Medical Technician)  
Forensic Science I & II  
Health Science Specialty CNA-ADV Studies  
MCF (Medical Career Foundations)  
Medical Assistant I & II  
Nursing-ADV Studies  
Sports Medicine

### Hospitality & Tourism

Culinary Essentials I & II

### Education & Training

TLC (Teach...Lead...Coach)

### Law, Public Safety, Corrections & Security

Public Safety/Homeland Security

### Science, Technology, Engineering & Math

Discover-E (Engineering)  
Discover-E STEM ADV Studies  
STEM Technologies

### Manufacturing

CNC Machining  
Welding

### Human Services

Cosmetology I & II

### Finance

Risk Management & Insurance

### Transportation, Distribution & Logistics

Automotive Technology  
ADV. Automotive Technology  
Medium/Heavy Duty Technician

### Architecture & Construction

Construction Trades I & II  
Create, Design & Build I & II  
Electrical Wiring

### Arts, Audio/Video Technology & Communications

Digital Media Arts  
Digital Media Arts-ADV Studies  
Visual Digital Communications  
Visual Digital Communications-ADV Studies

Juniors may only take 1<sup>st</sup> session classes.

### GCI Schedule

Session	Time
I	7:00 a.m. - 8:45 a.m.
II	8:50 a.m. - 10:35 a.m.
III	12:05 p.m. - 1:50 p.m.

### Class Schedule by Hour

<u>Session I</u>	<u>Session II</u>	<u>Session III</u>
1 <sup>st</sup> GCI	1 <sup>st</sup> High school	1 <sup>st</sup> High school
2 <sup>nd</sup> GCI	2 <sup>nd</sup> GCI	2 <sup>nd</sup> High school
3 <sup>rd</sup> High School	3 <sup>rd</sup> GCI	3 <sup>rd</sup> High school
4 <sup>th</sup> High school	4 <sup>th</sup> High School	4 <sup>th</sup> High School
5 <sup>th</sup> High school	5 <sup>th</sup> High school	5 <sup>th</sup> GCI
6 <sup>th</sup> High school	6 <sup>th</sup> High school	6 <sup>th</sup> GCI

Seniors enrolled in 2<sup>nd</sup> or 3<sup>rd</sup> GCI sessions will be required to enroll in an online class for their fourth hour. The online class will be arranged with their counselor and taken at Grand Blanc High School.

## Educational Development Plan

All 8th-12th graders create and update their electronic Educational Development Plan (EDP) using an online program, Career Cruising ([www.careercruising.com](http://www.careercruising.com)). Each year your child will update his/her career goals, interests, skills and educational plans within his/her EDP.

### To access Career Cruising (GBCS web-based EDP and Career/School Research tool):

- Go to <http://www.careercruising.com>
- At the Career Cruising homepage, enter your student specific EDP logon information\*:
  - Username: ***grbl-student's 6 digit student ID (grbl 000000)***
  - Password: ***edp student's 6 digit student ID (edp000000)***
  - Click "Login"

Career Cruising's "Careers" and "Education" sections provide a wealth of career and post-secondary information including a current database of post-secondary institution information, financial aid, scholarships, and career information.

\*If you do not know your EDP username and/or password or would like more information on the EDP, Career Cruising, or related items, please contact the district EDP Coordinator at 810-591-6929.

## Career and Technical Education (CTE)

Grand Blanc High School is proud to offer quality Career and Technical Educational designed to prepare students for college, career, and/or trade school. This exciting department features:

- Connections to real-world experiences
- Opportunity to earn free college credit while earning high school credit
- Skills needed for post-secondary education and/or employment
- High-tech, high-skills and academics
- Scholarships and competitions
- Option to earn valuable industry recognized certifications
- Opportunity to earn 4<sup>th</sup> year Math related, VPAA-Visual Performing and Applied Arts, World Language and/or elective credits

Students can take the following CTE programs at Grand Blanc High School. Programs include traditional classroom curriculum, hands-on labs, as well as off-site experiences through work-based learning in our community.

**Broadcasting & Video Production**  
**Business, Management & Technology**  
**Finance and Financial Management Services**  
**Marketing and Entrepreneurship**  
**Informational Technology**  
**Family and Consumer Sciences**  
**Health Sciences**  
**Engineering, Manufacturing and Industrial Technology**  
**Industrial Technology-Transportation**

### **Community-Based Learning**

CBL programs offer benefits beyond the classroom. Students can learn about new careers; participate in careers of interest; gain real-life work experience; apply academic and technical skills; and interact with adults from the community and possible future employers.

**Day on the Job** (no credit) Job shadow an employee in a career field of your choice.

**Volunteer Program** (no credit) Help within the community while gaining insight, experience, and making connections. Volunteers can also earn National Presidential Awards, GBCS Service Awards and attend the Annual Volunteer and Business Appreciation and Recognition Banquet.

**Internship** (HS credit) Working in a paid or unpaid job in the community, minimum of five hours per week.

**Co-op** (HS credit) Apply skills from your CTE class by working in a paid or unpaid position in the school or community, a minimum 10 hours per week.

### **Less-Than Class Size (LTCS) Option**

LTCS (HS credit/possible college credit) are various special courses offered in the community, taught by professionals in the industry or field of study. Our successful cosmetology program is an example of a LTCS program where students attend a state approved cosmetology school and earn both high school credit and hours toward a state cosmetology license.

Grand Blanc Community Schools

REQUEST FOR PERSONAL CURRICULUM

In April 2006, Public Acts 123 & 124 were passed and beginning with the class of 2011, they specified 16 credits which are a minimum required to graduate from a Michigan public high school. For the class of 2016, two credits of a language other than English are added for a minimum of 18 credits. Public Act 141 allows modifications to these credits through a personal curriculum. A high school diploma may be awarded to a pupil who successfully completes his or her personal curriculum even if it does not meet the requirements of the Michigan Merit Standard.

Note: Modification enacted in this Personal Curriculum may limit the student’s eligibility for college scholarships, NCAA athletic programs, admission into college, or admission into trade school.

<b>1. Student Information</b>			
<b>Name of Student:</b>		<b>School:</b>	<b>Counselor:</b>
<b>Requested By:</b> <input type="checkbox"/> Parent / Legal Guardian <input type="checkbox"/> Student (age 18 or an emancipated minor) <input type="checkbox"/> Teacher		<b>Anticipated Graduation Date:</b>	
<b>Name of Parent/Guardian:</b>		<b>Home Phone:</b>	

<b>2. This personal curriculum is being requested for (check those that apply):</b>	
<input type="checkbox"/>	<b>A student, after successfully completing 2 credits of math credits as stipulated in the Michigan Merit Curriculum, wishes to modify the math requirement and meets 1 or more of the following:</b> <ol style="list-style-type: none"><li>Has successfully completed the same content as the first semester of Algebra II;</li><li>Enrolls in a formal career and technical education program or curriculum and in that program or curriculum, successfully completes the same content as 1 semester of Algebra II.</li></ol> <b>A student must successfully complete a total of 4 credits of mathematics or mathematics related courses and at least 1 mathematics course during his or her final year of high school.</b>
<input type="checkbox"/>	<b>A student with a disability who needs to modify any of the credit requirements.</b> The modification, which is necessary because of the pupil’s disability, is to be consistent with both the pupil’s educational development plan and their individualized education program (IEP). Their IEP will identify the appropriate course or courses of study and the support, accommodations, and modifications necessary to allow the pupil to progress in the curricular requirements.
<input type="checkbox"/>	<b>A student who has transferred from out of state or non public school with two years of high school credit.</b> Their Personal Curriculum plan must include a civics credit, and math course in their final year of high school. If the student is enrolled in a Michigan public high school for more than one full year, the final year of math must be the equivalent of Algebra I or a math course normally taken after completing Algebra I.

<b>3. Credit Modifications Requested – Aligned to area selected above in Section 2, check all curriculum areas of requested modifications</b>			
<input type="checkbox"/> English Language Arts	<input type="checkbox"/> Mathematics	<input type="checkbox"/> Physical Education & Health	<input type="checkbox"/> Language other than English (Beginning with Class of 2016)
<input type="checkbox"/> Social Studies	<input type="checkbox"/> Science	<input type="checkbox"/> Online Learning Experience	<input type="checkbox"/> Visual, Performing, or Applied Arts

<b>4. Signature of Person Requesting Personal Curriculum</b>	
<b>Requested By:</b>	<b>Date:</b>

Office use: Received by: \_\_\_\_\_ Meeting date: \_\_\_\_\_  Parent notification date: \_\_\_\_\_ By: \_\_\_\_\_

# Center for Student Success

## What is The Center for Student Success?

The Center for Student Success (CSS) began in the fall of 2007 as an Alternative Option within Grand Blanc High School. Its purpose is to offer a different learning environment where students who have had difficulty being successful in a traditional setting may earn credit/recover credit in order to be able to graduate from high school in a timely manner.

## Who may be eligible for the CSS Program?

Those students who are motivated, committed to graduating, and are willing to work on personal characteristics such as attitude, goals, teamwork and making positive choices are eligible to apply. Students are required to maintain regular attendance and have limited discipline referrals. Students must have the ability and willingness to work independently in order to earn credit through the CSS Computer Based Learning (CBL) courses. When accepted into the program students and parents will be asked to sign a CSS Expectations Contract.

## What does one do if interested?

- ❖ Complete an application
- ❖ Obtain a referral (From your counselor, administrator and/or teacher)
- ❖ Interview with CSS staff

## How does one apply?

Applications are available from any guidance counselor or on-line at the Grand Blanc High School website through the CSS link located on the left.

Students are accepted at the end of the school year for the following fall, or at the end of the first semester to begin second semester. Notification of acceptance into CSS is given to students and parents within 2-3 weeks of the interview.

## What happens at the interview?

Prospective students must be accompanied by a parent or guardian. During the 30 minute interview CSS Staff will review the application, ask questions regarding the student's academic record and ask questions about the student personally to determine if CSS is his/her best option. The interview is also a time for the student and parents to ask questions about the CSS program. Since the CSS program's capacity is 120 students only those who are best suited to this environment will be accepted to fill the vacancies. The number of vacancies in any given semester will vary depending on the number of students exiting the program.

## What about graduation?

The Computer Based Learning (CBL) courses are designed so that students may work at their own pace. As a student completes a course he/she moves on to another, making it possible to recover and earn credit at an accelerated rate. As students complete courses, their grade level, sophomore, junior or senior, is adjusted according to the credits they earn.

The Computer Based Learning (CBL) courses are designed so that students may work at their own pace. As a student completes a course he/she moves on to another, making it possible to recover and earn credit at an accelerated rate. As students complete courses, their grade level, sophomore, junior or senior, is adjusted according to the credits they earn.

## What does the typical day look like?

### **Daily Schedule:**

2 to 3 hours – Computer Based Learning/recovery of credits - Core Curriculum

3 to 4 hours – Teacher taught classes

CSS Electives may include: Leadership, Mentoring, African American History, World Affairs, Sociology/Female or Male Topics, Tech Geometry, Algebra 2, Chemistry, and Senior English.

## What about students who had challenges in the traditional high school schedule?

This program is designed to address various learning issues students may have had in the past. The best way to find out whether the CSS Program is right for you is to apply and discuss any roadblocks to your academic success during the interview process.

## How can students be successful in CSS?

CSS is a smaller, alternative learning environment that supports struggling students in their personal development in order that they may become academically successful. In the CSS Program, students set goals focusing on credit recovery and progress toward graduation.

## What rules are CSS students expected to follow?

The Grand Blanc Community Schools [Student Rights & Responsibilities Handbook](#) contains the guidelines that CSS students must abide by. In addition, the CSS Program has guidelines that are specific to its program which are contained in the CSS Expectations Contract.

## May CSS students may participate in all aspects of GBHS?

Students who attend the Grand Blanc Center for Student Success are considered Grand Blanc High School students. Therefore students enrolled in this program may participate in extracurricular activities, clubs, and other events sponsored by Grand Blanc High School. They must meet and maintain the requirements outlined in the student handbook. Upon graduation CSS students receive a diploma from Grand Blanc High School.

# ARTS, AV TECHNOLOGY & COMMUNICATIONS

## Visual Arts

The Visual Art program nurtures the creativity in every student. Classes are offered in a variety of traditional and digital art forms. Students have the opportunity to prepare for college in one of many professional careers including drawing, painting, printmaking, sculpture, fashion and fiber arts, ceramics, graphic design, illustration, photography, digital imaging, and computer animation, multimedia, TV and radio broadcasting, video production, digital design and interactive media applications. Developing skills, understanding concepts, and the exploration of individual creativity are emphasized.

### SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
ART FUNDAMENTALS	✓	✓	✓	✓
DRAWING, PAINTING & MIXED MEDIA		✓	✓	✓
DIGITAL MEDIA ARTS I	✓	✓	✓	✓
DIGITAL MEDIA ARTS II			✓	✓
STUDIO ART I & II			✓	✓
BROADCASTING & VIDEO PRODUCTION I	✓	✓	✓	✓
BROADCASTING & VIDEO PRODUCTION ADVANCED			✓	✓
TEXTILES I	✓	✓	✓	✓
TEXTILES II	✓	✓	✓	✓
INTRODUCTION TO CERAMICS	✓	✓	✓	✓
ADVANCED CERAMICS	✓	✓	✓	✓

- 0601 ART FUNDAMENTALS** **½ CR**  
**GRADES: 9-12**  
 Art Fundamentals is an introductory class emphasizing the basic elements and principles of art and design. Students will use a variety of materials to become familiar with techniques and methods. This course establishes a knowledge base necessary for upper-level art classes. A materials fee is *required* as well as a sketchbook.
- 7810/7811 BROADCASTING & VIDEO PRODUCTION** **1 CR**  
**GRADES: 9 -12**  
 A strong emphasis is placed on video production and editing in Final Cut Pro on a Mac based platform. Students will learn to effectively communicate ideas and information through video production.
- 7812/7813 BROADCASTING & VIDEO PRODUCTION ADVANCED** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Successful completion of BVP I with an 85% or higher and application.*  
 BVP II is an advanced course designed to be an extension of BVP I. Students will gain experience working in the control room/studio, as well as develop more advanced technical editing skills with Motion, Logic, and SMOKE. Students will develop and produce events for all GBHS staff and students. Students in this program will be using highly technical equipment and will be held responsible for its care
- 6051/6052 DRAWING, PAINTING AND MIXED MEDIA** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Any introductory art class with a grade of C+ or better and permission of instructor.*  
 This class is an in-depth exploration of the elements and principles of design, and creating art through visual culture. Various mediums including pencil, charcoal, ink, pastel, watercolor, acrylics, sculpture and digital media will be used. Composition, design and personal reflection is emphasized. Weekly drawing assignments outside of class are required. A materials fee is required per semester.
- 6061/6062 STUDIO ART I** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Drawing, Painting and Mixed Media with a grade of B or better and application.*  
 Class projects are featured with great emphasis on personal style and originality. The studio art student begins to develop their personal art portfolio. Fewer but more difficult and time intensive projects are assigned. Students are expected to participate in critiques and art shows. A sketchbook is required for weekly homework drawing assignments. A materials fee is required per semester.
- 6081/6082 STUDIO ART II** **1 CR**  
**GRADE: 11-12**  
*Prerequisite: Studio Art I with a grade of B or better and application.*  
 Students will continue to develop a sketchbook and portfolio of a professional nature and display their work in an art show. Students assist in setting up the art show and critiquing artwork. Fewer assignments are required along with completed independent work each marking period. Independent work is discussed and evaluated. Each student's style and technique should be easily identifiable. Classroom participation plays an important role in evaluation along with completed independent work. A materials fee is required per semester.
- 6091/6092 STUDIO ART III** **1 CR**  
**GRADE: 12**  
*Prerequisite: Studio Art I & II with a grade of B or better and application.*  
 This class is for the senior who plans on pursuing art as a career. A personal display of artwork is required. Independent work is emphasized; strong leadership skills are important; and traditional and digital portfolios are required for the student's exit grade. A materials fee is required per semester.
- 0612 TEXTILES I** **½ CR**  
**GRADES: 9-12**  
 Textiles students explore fiber art through hands-on projects, writing and reading. The multi-cultural heritage of textiles is studied while exploring the techniques used. The student will experiment with textile design through stamping and painting on fabric. Traditional and experimental methods of basketry, weaving, and other fiber arts are included in the course. A unit in fashion design will be included. A materials fee is required.

**0613 TEXTILES II****½ CR****GRADES: 9-12*****Prerequisite: Completion of Textiles I with a grade of C+ or better and permission of instructor***

This course is a continuation of the investigations into the artistic processes and principles learned in Textiles I. Students will explore, in depth, other methods of working with various fibers including basket making, weaving, surface design and the dyeing of a variety of materials. Development of individual artistic expression within the medium of fiber arts is encouraged. *A materials fee is required.*

**0619 INTRODUCTION TO CERAMICS****½ CR****GRADES: 9-12**

Introduction to Ceramics provides the beginning foundation in the basic techniques for creative ceramic making. The course covers the three main hand building techniques: pinch, coil and slab. Various glazing and surface decorating techniques will be explored. Emphasis is placed upon functional as well as aesthetic design, good craftsmanship, and the development of skills and exploration of cultural and historical influences. *A materials fee is required.*

**0620 ADVANCED CERAMICS****½ CR****GRADES: 9-12*****Prerequisite: Completion of Intro to Ceramics with a grade of C+ or better and permission of instructor***

In this class personal style and direction will be encouraged and emphasized for the self-motivated student. Consistency and proficiency in pottery techniques will continue to develop. Further exploration of hand building techniques will be explored as well as use of the potter's wheel. More advanced methods of glazing will be used. *A materials fee is required.*

**0621 DIGITAL MEDIA ARTS I****½ CR****GRADES: 9-12**

This class is an introductory class exploring the Visual Arts using digital media. Emphasis will be placed on composition, balance, and design principles through sketching and computer illustration; digital photography (using a digital single lens reflex camera), including nature, portrait, commercial and fashion photography; 2D & 3D animation and digital sculpting software. Students will use computers, storage media, digital SLR cameras, and software such as Adobe Photoshop, In Design, and Illustrator. *A materials fee is required.*

**0623 DIGITAL MEDIA ARTS II****½ CR****GRADES: 11-12*****Prerequisite: Completion of Digital Media Arts I with a B or better, application and signature from the instructor.***

This class is the second semester of Digital Media Arts I and focuses on individual concept, design, and execution of projects covering various topics in the digital arts. Students may choose a *creative track* to concentrate in such areas as; digital photography including, portrait, fashion, architecture, still life, landscape, commercial, and photo illustration. Other creative tracks include: digital sculpting and painting, 2D & 3D computer animation, and visual communication including typography and graphic design using Adobe InDesign and Photoshop. A strong emphasis will be put on color theory, composition, techniques, history, and the elements and principles of design. *A materials fee is required.*



# BUSINESS MANAGEMENT & ADMINISTRATION

The Business Management & Administration pathway is an appropriate choice for college-bound and employment-bound students. The technical skills learned in this program will assist students in completing their high school and college assignments, help qualify and prepare them for employment and post-secondary education in the areas of business, management and administration, and be of value in their own personal business situations

## SUGGESTED COURSE SEQUENCE

CLASS	9th	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
MODERN BUSINESS – (formerly Digital Business)	✓	✓	✓	✓
VIRTUAL ENTERPRISES INTERNATIONAL I (VEI I)		✓	✓	✓
VIRTUAL ENTERPRISES INTERNATIONAL II (VEI II)		✓	✓	✓
ENTREPRENEURSHIP		✓	✓	✓
BUSINESS LAW		✓	✓	✓
CO-OP or INTERNSHIP (see page 43)		✓	✓	✓
Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information				

### 7741/7742 MODERN BUSINESS – (formerly Digital Business)

1 CR

**GRADES:** 9 - 12

**Prerequisite:** None

This course will utilize information technology including Microsoft Office and several other online tools to create, collaborate, manage, organize and optimize business and personal success. Modern Business concepts will be covered from starting a new small business to the basics of International Business. Field trips, guest speakers, and optional job shadowing are included in this program. Additional areas of study include communications, business management and entrepreneurship, human resources and personnel administration, operations, financial analysis, law, and project management. Students will master software skills in spreadsheets, databases and other web 2.0 tools. Students are encouraged to participate in the DECA (Distributive Education Clubs of America) leadership organization.

### 7743-7744 VIRTUAL ENTERPRISES INTERNATIONAL I (VEI I)

1 CR

**GRADES:** 10 - 12

**Prerequisite:** Successful completion of Modern Business, Web Design or Accounting

VEI I transforms students into business professionals by bringing the workplace into the classroom. VEI replicates all the functions of real businesses in both structure and practice. Under the guidance of a teacher-facilitator and business mentors, students create and manage their virtual business from product development, production and distribution to marketing, sales, human resources, accounting/finance and web design.

### 7745/7746 VIRTUAL ENTERPRISES INTERNATIONAL II (VEI II)

1 CR

**GRADES:** 10 - 12

**Prerequisite:** Successful completion of Virtual Enterprises International I (VEI I)

Students who completed VEI I can sign up for a 2<sup>nd</sup> year in this virtual business. The focus will be on deepening student's entrepreneurial skills and assisting others through leadership tasks and positions.

**0729 BUSINESS LAW****½ CR****GRADES 10-12*****Prerequisite: NONE***

This course is designed to give students an understanding of their own legal rights and obligations as they begin to assume roles as citizens, workers, and consumers in their communities and society. Many real life cases that interest students will be examined. We will cover many topics including contracts, civil/criminal law, consumer protection, marriage and divorce, property law, agency, employment contracts, and credit obligations

**0744 ENTREPRENEURSHIP****½ CR****GRADES: 10-12*****Prerequisite: NONE***

Designed for students interested in starting their own business, this course will cover feasibility studies, budgets, promotion, and other ownership concerns. Articulation agreement for college credit is possible for this class. Students apply customer relations, marketing information management, product planning, and financial skills in actual business operations. 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 to aid in professional development) membership is strongly suggested.

## Financial Management Services

This program focuses on the fundamentals of finance and the financial information used in the decision making process in business operations. Skills acquired in this program include: execution of business accounting, design, maintenance and use of general accounting systems, financial analysis, organization, time management, customer service, communication, decision making, project management, entrepreneurial, and career planning.

### SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
ACCOUNTING I		✓	✓	✓
VIRTUAL ENTERPRISES INTERNATIONAL I (VEI I)		✓	✓	✓
CO-OP or INTERNSHIP (see page 43)				✓
Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information				

**0763 ACCOUNTING I** **1 CR**

**GRADES: 10-12**

**Prerequisite: None**

This course will analyze, classify, and record business transactions in a manual and computerized setting. Emphasis is on the complete accounting cycle, basic financial statements, bank reconciliations, payroll, and basic small business income tax issues. Introduction to utilizing the computer in maintaining accounting records, making management decisions, and processing common business applications with primary emphasis on a general ledger package will be covered. Accounting is an essential course for any college-bound student who is considering a career in the business field.

**7743/7744 VIRTUAL ENTERPRISES INTERNATIONAL I (VEI I)** **1 CR**

**GRADES: 10 - 12**

**Prerequisite: Successful completion of Modern Business, Web Design or Accounting**

VEI transforms students into business professionals by bringing the workplace into the classroom. VEI replicates all the functions of real businesses in both structure and practice. Under the guidance of a teacher-facilitator and business mentors, students create and manage their virtual business from product development, production and distribution to marketing, sales, human resources, accounting/finance and web design.

# MARKETING

## Retail Sales & Business Management

Marketing I and II are suggested for students who are interested in Business, Management, Marketing and Sales careers. Students taking Marketing Courses automatically qualify to participate in DECA. DECA is a Career and Technology student led organization with a focus on leadership, civic involvement, and competition (based on marketing and business knowledge). Students compete and participate at district, state, and national competitions or leadership conferences in real world business settings.

### SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
<b>MARKETING I</b>		✓	✓	✓
<b>MARKETING II (STUDENT STORE)</b> To prepare for Co-op senior year or to prepare for entry level positions in marketing.			✓	✓
<b>CO-OP or INTERNSHIP (see page 43)</b>			✓	✓
<b>Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information</b>				

**0740 MARKETING I**  
**GRADES 10-12**

**1 CR**

**Prerequisite: NONE**

Marketing I introduces students to the basic principles of Business Administration's Marketing Cluster. Course content covers all 12 segments of the marketing curriculum, functions/foundations of marketing, selling, promotion and social media, pricing, financial analysis, channel management, entrepreneurship, risk management, and operations. Marketing Information management, strategic market planning, product service planning, human resources management careers, and economics. Students taking marketing course automatically qualify to participate in DECA. DECA is a Career and Technology student led organization with a focus on leadership, civic involvement, and competition, (based on marketing and business knowledge). Membership is strongly suggested.

**0735 MARKETING II "Student Store"**  
**GRADES 11-12**

**2 CR**

**Prerequisite: NONE**

Marketing II follows the National Business Administration – Marketing Cluster Merchandising pathway. The class showcases a retail business simulation. Students will learn retailing theory, communications, and skills in human relations. Students apply customer relations, marketing information management, product planning, and financial skills in the daily school store operations using current technology and economic opportunities. Prerequisites are not required and the class is available to both juniors and seniors. Seniors are given priority placement. Students enrolled in this course are automatic members of National DECA. DECA is a Career and Technology student led organization with a focus on leadership, civic involvement, and competition. As members they will have the opportunity to earn Student Based Enterprise certification. Students must complete an application and receive instructor approval when enrolling.

# INFORMATION TECHNOLOGY

This program focuses on the design, development, support, and management of hardware, software, multimedia, and systems integration services. Specific components include information support, programming, software development, and digital design interactive media applications. Skills acquired in this program include: problem solving, system thinking, in-depth technology skills, project management, communication, decision making, customer service, and entrepreneurship

## POSSIBLE COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
WEB DESIGN		✓	✓	✓
VIRTUAL ENTERPRISES INTERNATIONAL I (VEI I)		✓	✓	✓
CO-OP or INTERNSHIP (see page 43)				✓
Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information				

**0764 WEB DESIGN**  
**GRADES: 10-12**

**1 CR**

This course is designed to teach students how to design and publish web sites. General topics include Web Site Development Essentials (such as the site development process, customer expectations, and ethical and legal issues in Web Development), Web Design Elements (such as aesthetics, the site user's experience, navigation, usability and accessibility), Basic Web Technologies (such as basic Hypertext Markup Language {HTML}, Extensible HTML and extended technologies, image files, GUI site development applications, site publishing and maintenance) and Advanced Web Technologies (such as multimedia and plug-in technologies, client-side and server side technologies, and Web databases.

**7743/7744 VIRTUAL ENTERPRISES INTERNATIONAL I (VEI I)**  
**GRADES: 10 - 12**

**1 CR**

***Prerequisite: Successful completion of Modern Business, Web Design or Accounting***

VEI transforms students into business professionals by bringing the workplace into the classroom. VEI replicates all the functions of real businesses in both structure and practice. Under the guidance of a teacher-facilitator and business mentors, students create and manage their virtual business from product development, production and distribution to marketing, sales, human resources, accounting/finance and web design.

# ENGLISH

The English Department offers a range of courses designed to meet the individual abilities, needs, and interests of all students in developing their communication skills. Literary experiences are designed to foster appreciation of literature and to enhance one's self-concept and values. Grand Blanc graduates should be able to read, write, speak, analyze, and evaluate many types of written and oral material to function competently in the lives they choose after high school.

## DEPARTMENTAL REQUIREMENTS

A total of four (4) English credits are required for graduation and should be taken in the following sequence:

GRADE	COURSE	CREDITS
9	English 9 or Pre-AP English 9 or General English 9	1
10	English 10 or Pre-AP English 10 or General English 10	1
11	American Literature or AP Language & Composition or Literature and Writing Survey	1
12	Academic Research and Composition + ½ credit English elective or Humanities or AP Literature and Composition or Media Literacy and Composition (MeL-Comp) +½ credit English elective	1
	<b>TOTAL</b>	<b>4</b>

Students are required to take English 9 and English 10. No other English courses can be substituted for these classes. Technical Theater does not count toward the fulfillment of the four (4) credit English requirement.)

## SUGGESTED COURSE SEQUENCE

GRADE	CAREER-TECHNICAL	COLLEGE PREP	ELECTIVES
<b>9</b>	<ul style="list-style-type: none"> <li>• General English 9</li> <li>• English 9</li> </ul>	<ul style="list-style-type: none"> <li>• English 9</li> <li>• Pre-AP English 9</li> </ul>	<ul style="list-style-type: none"> <li>• Drama I</li> <li>• Speech I</li> <li>• World Affairs</li> </ul>
<b>10</b>	<ul style="list-style-type: none"> <li>• General English 10</li> <li>• English 10</li> </ul>	<ul style="list-style-type: none"> <li>• English 10</li> <li>• Pre-AP English 10</li> </ul>	<ul style="list-style-type: none"> <li>• Competitive Debate</li> <li>• Drama I, II</li> <li>• Journalism/Social Media</li> <li>• Newspaper Lab</li> <li>• Speech I, II</li> <li>• Technical Theater</li> <li>• World Affairs</li> </ul>
<b>11</b>	<ul style="list-style-type: none"> <li>• Literature &amp; Writing Survey</li> <li>• American Literature</li> </ul>	<ul style="list-style-type: none"> <li>• American Literature</li> <li>• AP Language &amp; Composition</li> </ul>	<ul style="list-style-type: none"> <li>• Bible as Literature</li> <li>• Competitive Debate</li> <li>• Contemporary Literature</li> <li>• Creative Writing</li> <li>• Drama I, II, III</li> <li>• English Strategies</li> <li>• Humanities</li> <li>• Journalism/Social Media</li> <li>• Newspaper Lab</li> <li>• Science Fiction</li> <li>• Shakespeare</li> <li>• Speech I, II</li> <li>• Technical Theater</li> <li>• World Affairs</li> <li>• Yearbook</li> </ul>
<b>12</b>	<ul style="list-style-type: none"> <li>• Media Literacy &amp; Composition (MeL-Comp) + ½ English elective credit</li> <li>• Academic Research &amp; Composition (ARC) + ½ English elective credit</li> </ul>	<ul style="list-style-type: none"> <li>• Academic Research &amp; Composition (ARC) + ½ English elective credit</li> <li>• Humanities</li> <li>• AP Literature &amp; Composition</li> </ul>	<ul style="list-style-type: none"> <li>• Bible as Literature</li> <li>• Competitive Debate</li> <li>• Contemporary Literature</li> <li>• Creative Writing</li> <li>• Drama I, II, III</li> <li>• English Strategies</li> <li>• Journalism/Social Media</li> <li>• Newspaper Lab</li> <li>• Science Fiction</li> <li>• Shakespeare</li> <li>• Speech I, II</li> <li>• Technical Theater</li> <li>• World Affairs</li> <li>• Yearbook</li> </ul>

**1061/1062 GENERAL ENGLISH 9**  
**GRADE: 9**

**1 CR**

***Prerequisite: Placement based on EXPLORE and STAR Reading Scores***

General English 9 is a course designed to improve the reading, writing, listening, speaking skills of students who are not yet meeting grade level expectations in the English Arts. With targeted instructional General English 9 students will read Homer's *Odyssey* and Shakespeare's *Romeo and Juliet* as well as short stories, poetry, a historical fiction novel, and a non-fiction memoir. This class is designed to improve students' reading comprehension and fluency with a targeted emphasis on close reading and vocabulary building. In addition, General English 9 students will hone their writing ability with exercises involving grammar, sentence structure, and perfect paragraphs as a foundation for effective essays. There will be a limited number of sections of this course.

**1001/1002 ENGLISH 9**  
**GRADE: 9**

**1 CR**

English 9 is the college preparatory English class for incoming freshman. This English Language Arts survey course focuses on developing a student's reading, writing, listening and speaking skills. During English 9, students will explore short stories, non-fiction articles, poetry, classic novels, a non-fiction memoir, a Greek Epic, and a Shakespearean play. English 9 students will also participate in units on grammar, vocabulary, and informational, persuasive, and narrative writing. (NCAA approved core course)

**1041/1042 ENGLISH 9 – PRE-AP**  
**GRADE: 9**

**1 CR**

***Prerequisite: Qualifying EXPLORE scores in reading & English (Typically a 20 or higher in reading and an 18 or higher in English), reliable "A" level work in 8<sup>th</sup> grade English, 8<sup>th</sup> grade English teacher approval, and consistent scores of at least 11<sup>th</sup> or 12<sup>th</sup> grade level on STAR (PHS scores preferred).***

Pre-AP English 9 is a challenging course that feeds into the Advanced Placement English courses offered at the high school. This class is for students who love reading challenging fiction and non-fiction pieces, writing about their learning, and taking part in lively discussions. The Pre-AP English 9 curriculum is similar to the English 9 curriculum; however, the class features many additional reading and writing assignments and moves at a much faster pace than English 9. Pre-AP English 9 students need a strong command of grammatical rules and sentence syntax. Pre-AP English 9 students should expect 30-60 minutes of English homework 4-5 nights per week. This course requires summer reading and writing. (NCAA approved core course)

**0160 GENERAL ENGLISH STRATEGIES**  
**GRADE: 9**

**½ CR**

***Freshman may take the course with 8<sup>th</sup> grade teacher or special ed consultant recommendation***

Designed for the non-college bound student or the student reading below grade level, General English Strategies works to improve all reading skills: perception, comprehension, vocabulary, speed, and study skills. Students will work in groups with reading lab materials and computers.

**1181/1182 GENERAL ENGLISH 10**  
**GRADE: 10**

**1 CR**

***Prerequisite: General English 9***

General English 10 is a course designed to improve the reading, writing, listening, speaking skills of students who are not yet meeting sophomore grade level expectations in the English Arts. Like General English 9, General English 10 is a survey course where students read poetry, short stories, non-fictional articles, novels and plays. Like General English 9, this class is designed to improve students' reading comprehension and fluency with a targeted emphasis of close reading and vocabulary building; however, General English 10 requires more independent reading and increases emphasis on exercises designed to build reading speed and stamina. Students will continue to hone their writing skills in General English 10, working on informative, persuasive, and narrative writing as well as foundational research skills. Students are encouraged to demonstrate critical thinking in class discussions and assessments. There will be a limited number of sections of this course.

**1101/1102 ENGLISH 10**  
**GRADE: 10**

**1 CR**

English 10 is the college preparatory English class for sophomores. Like English 9, this English Language Arts survey course focuses on developing a student's reading, writing, listening and speaking skills. During English 10, students will explore classic novels and plays, poetry, non-fiction articles, and short prose pieces. English 10 students will also work on informational, persuasive, and narrative writing with take home essays, in-class essays, and research/grammar units. Students are expected to actively participate in classroom discussions. (NCAA approved core course)



**1151/1152 ENGLISH 10 – PRE-AP****1 CR****GRADE: 10**

***Prerequisite: 80% or better between both semesters of Pre-AP English 10 OR 90% or better between both semesters of English 10, English teacher recommendation, and a qualifying score on an AP screening essay.***

Pre-AP English 10 is a challenging course that feeds into the high school's Advanced Placement English courses and continues the exploration of many of the key concepts and objectives that students are introduced to in Pre-AP English 9. This class is for students who love and are able to independently read challenging fiction, non-fiction, and dramatic pieces at an accelerated pace. Students will be expected to think critically about the world around them and explore their own learning processes. The Pre-AP English 10 curriculum is similar to the English 10 curriculum; however, the class features much more reading, particularly in the areas of literary criticism and literary theory. Pre-AP English 10 students should expect 30-60 minutes of reading, writing, or grammar homework each night. Additionally, students will be assigned a new essay every two to three weeks. \*This course requires summer reading and writing. (NCAA approved core course)

**0155/0156 LITERATURE & WRITING SURVEY****1 CR****GRADE: 11**

Literature and Writing Survey is a general-level course designed to improve the reading, writing, listening, and speaking skills of students who are not yet meeting junior grade level expectations in the English Arts. This is a survey course where students will read short stories, non-fiction pieces, and multiple high-interest novels, often focusing on teenage protagonists. With ACT preparation in mind, this class is designed to improve students' reading comprehension and fluency with a targeted emphasis of close reading. As a progression from General English 10, Literature and Writing Survey requires more independent reading and writing and increases emphasis on fostering independent readers and writers with stamina. Students will continue to hone their writing and communication skills in Literature and Writing Survey, working on informative pieces, persuasive and ACT-style essays, and narrative writing, as well as presentations. Students are encouraged to demonstrate critical thinking and application of skills and concepts in class discussions and on assessments. There will be a limited number of sections of this course. Required for all juniors not taking American Literature or AP Language in order to prepare for the MME Test.

**1201/1202 AMERICAN LITERATURE****1 CR****GRADES: 11-12**

American Literature is the college preparatory English class that should be taken by all college bound juniors to prepare them for the ACT/MME and the rigors of college level English courses. This class is designed to guide students through the touch stones of American literature from familiar classics to modern masterpieces. Students will explore poetry, short stories, novels, and non-fiction memoirs. Students will be expected to demonstrate their understanding of course readings in classroom discussions and written responses. American Literature emphasizes writing skills that will be essential to students' collegiate success – multiple essays are required each semester. (NCAA approved core course)

**1251/1252 AP LANGUAGE & COMPOSITION****1 CR****GRADES: 11-12**

***Prerequisite: 80% or better in both semesters of Pre-AP English 10 OR 90% or better in both semesters of English 10, English teacher recommendation, and a qualifying score on an AP screening essay.***

Advanced Placement English Language and Composition is a year-long course requiring college freshman level work in writing and literary analysis. Special emphasis will be placed on the examination of arguments in various forums, critical thinking and analysis, and writing. Enrollment is limited to a select number of students who read widely, have an excellent command of grammar, think logically and analytically, and willingly participate in group discussions. Students are strongly encouraged to take the College Board Advanced Placement exam in May. Students will be required to complete additional readings for the course during the summer. (NCAA approved core course)

**0121 CONTEMPORARY LITERATURE****½ CR****GRADES: 11-12**

***Prerequisites: Passing English 9 and English 10 with a C- or higher***

Contemporary Literature is semester long English class designed for college preparatory students who are interested in modern American literature. Students will read at least five "bildungsroman" or coming-of-age novels representative of the decades between the 1950's and today. Each piece of literature in this course focuses on the joys and trials of the adolescent experience. The course explores social and cultural norms and rites of passage unique to various time periods, geographical settings, and demographic groups as well as those that are universal in nature. Students who enroll in Contemporary Lit should be prepared for nightly independent reading, classroom discussions, and multiple analytical essays. This class is designed to prepare students for the rigors of college level composition, literary analysis and intellectual discussion. (NCAA approved core course.)

**0128 SCIENCE FICTION****½ CR****GRADES: 11-12*****Prerequisites: Passing English 9 and English 10 with a C- or higher***

Science Fiction Literature is a discussion based college-prep class in which students will be expected to read a series of science fiction texts and regularly compose one-page analytic essays as well as lengthier three to five page pieces. As a class, we will consider the events in history which have given rise to specific works and analyze the impact these works have had on our culture. This class will be most enjoyable for students who are interested in exploring different visions of the future in both classic and modern texts. Please note: nightly independent reading is required; this class is designed to prepare students for the rigors of college level composition, literary analysis, and intellectual discussion. *Science Fiction* students should be prepared to demonstrate their understanding of the course texts in classroom discussions. (NCAA approved core course)

**0130 CREATIVE WRITING****½ CR****GRADES: 11-12*****Prerequisites: Passing English 9 and English 10 with a C- or higher***

This semester-long course focuses on writing for publication in two genres: poetry and fiction. The purpose of this class is to encourage students to cultivate the habits, attitudes, and flexibility of a professional writer in a professional writing community. Students will practice writing like a reader and reading like a writer. Students will be expected to confer with the instructor, participate in writer response groups, read contemporary published authors, keep and regularly write in a writer's notebook, and experiment with and revise writing routinely. Students will also be expected to enter final products into professional and/or student contests. (NCAA approved core course)

**1981/1982 AP LITERATURE AND COMPOSITION****1 CR****GRADE: 12*****Prerequisite: 80% or better between both semesters of AP Language OR 90% or better between both semesters of American Lit, English teacher recommendation, and a qualifying score on an AP screening essay.***

Advanced Placement Literature and Composition is a year-long course requiring college freshman level work in writing and literary analysis. Enrollment is limited to a select number of students who read widely, have an excellent command of the written word, think logically and analytically, and willingly participate in group discussions. AP Literature students read, discuss, and analyze classic novels, plays and poetry (including a Greek tragedy, British literature classics and modern American masterpieces). Students are strongly encouraged to take the advanced placement exam in May. This course requires summer reading. (NCAA approved core course)

**1321/1322 HUMANITIES****1 CR****GRADES: 12*****Prerequisite: C or better in American Literature***

Designed for the college-bound student, Humanities is the study of Western classical civilizations and their influences in shaping our culture. Such topics as religious belief systems, morals and values, gender, and politics will be examined through literature, writings, theatre, religious texts, art, music, and architecture. In addition to traditional essays and texts, "hands-on" work and participation in in-class activities, outside readings, and projects will be required of students. (NCAA approved core course)

**0135 ACADEMIC RESEARCH & COMPOSITION (ARC)****½ CR****GRADE: 12*****Prerequisite: Successful completion of American Literature******\*This class fulfills the ½ credit senior writing course requirement for students not taking AP Literature or Humanities (0132).***

Academic Research and Composition (ARC) is a one semester senior level class designed to prepare students for the rigors of college level research and composition. Instruction will focus on elements of quality expository writing such as organization, syntax and clarity, as well as the art of academic inquiry and the construction of research papers. There will be significant emphasis on effective research methods, source evaluation, avoidance of plagiarism and the use of evidence to support one's opinion. Students will be composing on-demand essays, researching longer papers, and writing speeches. This course is recommended for incoming seniors currently taking American Lit or AP Language. (NCAA approved core course)

**0136 MEDIA LITERACY and COMPOSITION (MEL-COMP)****½ CR****GRADE: 12*****Prerequisite: Successful completion of Literature and Writing Survey*****\*This class fulfills the ½ credit senior writing course requirement for students not taking AP Literature or Humanities.**

Media Literacy and Composition (MeL-Comp) is a one semester senior level class designed to prepare students for the demands of a competitive career marketplace. Instruction will focus on writing that informs, explains, and persuades and on media literacy/research. To build media literacy skills, students will learn how to use modern library/online resources, how to evaluate information for credibility, how to properly give credit when using another's ideas, how to find the information necessary to make informed life decisions, and how to clearly communicate what they have learned. Students will have ample practice composing informational, persuasive and narrative essays and speeches. This class will focus on the literacy skills, written communication skills, and oral communication skills that are essential for success in today's workplace. This course is recommended for incoming seniors currently taking Literature and Writing Survey.

**0189 JOURNALISM / SOCIAL MEDIA****½ CR****GRADES: 10-12**

In Journalism/Social Media, students write articles, take pictures, and design pages according to journalistic style. Much of what is created in class is shared on social media sites such as Twitter, Instagram, Pinterest, and more. Much time is spent learning good journalistic ethics for communicating online. The class is perfect for strong writers who want to learn how to fine-tune their writing for an online audience. (NCAA approved core course)

**0192 NEWSPAPER LAB (BANNER LAB)****1 OR ½ CR****GRADES: 10-12*****Prerequisite: Application with teacher recommendations.***

Newspaper produces the school newspaper, The Bobcat Banner, and maintains the companion website, bobcatbanner.com. While taking Journalism is not necessary, it is strongly recommended as this course relies on all of the same writing, editing, and designing techniques learned in Journalism. May be taken for an English, Applied Arts, or Computer credit. Half and full credits available. Students must sell advertising to cover publication costs. Students can repeat course. (Does not meet NCAA core requirements)

**1931/1932 YEARBOOK LAB****1 CR****GRADES: 10-12*****Prerequisite: Permission of Instructor***

The Yearbook Lab will be responsible for the total production and publication of the school yearbook, The Echo. Students are required to sell yearbooks and business ads, learn basic photography and journalistic writing, work with partners on problem-solving, and implement organizational techniques for various projects. Some students will be involved in design and computer applications. Students should be good English students. This course requires teacher recommendation and student application. (Does not meet NCAA core requirements)

**1941/1942 YEARBOOK EDITOR****1 CR****GRADES: 11-12*****Prerequisite: 1 year on yearbook staff and application***

Students electing this class will learn desktop publishing using Photoshop, in Design, and Illustrator. They will be responsible for planning the visual and verbal content of the yearbook and will work with 1<sup>st</sup> year staffers to teach them how to interview, photograph, and write copy. They will be assigned an area of specialty to edit based on their strengths and will be responsible for meeting deadlines which will require students to work after school, during the summer, and on weekends. Students will work in a real-life business situation and gain experience in publications by working in teams, marketing their work, and learning to be confident public speakers.

**0133 BIBLE AS LITERATURE****½ CR****GRADES: 11-12**

The students will engage in individual and collaborative learning activities to examine themes, characters, and images of the Old Testament and New Testament that are reflected in literature, art, music, and other media. The focus of the course is on the literature in the Bible and its influence on Western culture. Students will continue to develop reading and writing skills as well as critical and creative thinking skills and strategies. (NCAA approved core course)

- 0146 SHAKESPEARE (1st semester)** **½ CR**  
**GRADE: 12**  
 Students will learn about Shakespeare and Elizabethan society as reflected in Shakespeare's plays. Students will read Hamlet, a comedy, and two other plays. *Students selecting this course must be willing to participate in various speaking activities.* (NCAA approved core course)
- 0147 SHAKESPEARE (2nd semester)** **½ CR**  
**GRADE: 12**  
 Students will learn additional information about Shakespeare and his time as they study a history, a tragedy, and a comedy. The plays studied second semester will always be different from the plays studied first semester. *Students selecting this course must be willing to participate in various speaking activities.* (NCAA approved core course)
- 0519 WORLD AFFAIRS** **½ CR**  
**GRADES: 9-12**  
 This class will focus on today's world problems. Students will be exposed to current issues and have an opportunity to discuss them and formulate valid opinions about these issues. Emphasis will be placed on the development of critical thinking and writing skills. (NCAA approved core course)
- 0161 ENGLISH STRATEGIES** **½ CR**  
**GRADES: 9-12**  
 This course is designed to increase the reading and test taking abilities of all students through practice of all reading and test taking skills. Students work independently with lab materials and computers. This course requires the self-discipline necessary for independent work.
- 1801/1802 DRAMA I** **1 CR**  
**GRADES: 9-12**  
 Course content includes work in stage movement, pantomime, theater vocabulary, improvisation, record pantomime, interpretive reading, memorization and short scenes. Drama I demands a willingness to perform, accept and use criticism, and work well with others.
- 1811/1812 DRAMA II** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Drama I with B or better and teacher approval*  
 This class is for students interested in acting and is designed to guide them through exercises, improvisation, and prepared scenes in various styles of acting. There is a lot of required memorization. Emphasis will be placed on performance as an entertainment medium.
- 1851/1852 DRAMA III** **1 CR**  
**GRADES: 11-12**  
*Prerequisite: Drama I & II with teacher approval*  
 This class is designed for the serious acting student who plans to major or minor in theater. It is a style of acting class that will demand thoughtful performances of literature, beginning with Greek tragedy and continuing through to the present. May be repeated.
- 1861/1862 TECHNICAL THEATER** **1 CR**  
**GRADES: 10-12**  
*\*Does not fulfill required English credit*  
*Prerequisite: Students need Drama I and the approval of the instructor*  
 This course is designed for the student who wishes to major or minor in theater in college. Students are expected to design sets, lighting, costumes, makeup and sound, and are required to work backstage for theater productions.
- 0187 SPEECH I – INTRODUCTION TO PUBLIC SPEAKING** **½ CR**  
**GRADES: 9-12**  
 Speech I is a one-semester course designed to help students overcome fear or nervousness about speaking in front of an audience. The focus of Speech I is delivery technique. We will be working on skills like eye contact, facial expression, body language and control of nervous habits. We will also be working with speech organization and content quality. Students will be expected to prepare and present autobiographical, interpretative, entertainment, informational, and impromptu speeches. (NCAA approved core course)

**0188 SPEECH II****½ CR****GRADES: 9-12*****Prerequisite: B or better in Speech I or Instructor Approval***

Speech II is a one-semester course designed to help students improve the content of their speeches and to build on the foundation of delivery skills they developed in Speech I. The focus of Speech II is persuasive technique; content quality, content organization, research, clarity, diction, etc. We will also continue working on delivery quality. Students are expected to prepare and present informative and persuasive speeches including (but not limited to) original oratories, group discussions, mock trials, and rudimentary debates. (NCAA approved core course)

**0184 COMPETITIVE DEBATE****½ CR****GRADES: 10-12*****Prerequisite: B or better in Speech I or prior or concurrent enrollment in Pre AP or AP English class or instructor approval.***

Competitive Debate is an advanced college prep course designed for students interested in formal argumentation. This is an excellent course for students interested in pursuing careers in law, politics, education, business or other communication related fields. This class requires students to articulate their ideas and opinions, to defend their stance, to challenge the logic and reasoning of others, and to work with other students in a cooperative lab format. Students will become familiar with debate terminology, methods of persuasive delivery, critical thinking strategies and advanced organizational/research techniques. (NCAA approved core course)

**0302 ACT PREP COURSE****½ CR*****Prerequisite: Students who scored a 14 or less on the 8th grade EXPLORE test will be placed in ACT prep for their junior year. If, after taking the PLAN test in 10th grade students scores a 17 or higher, they can choose to be taken out of the ACT prep class and placed in an elective of their choice.***

The ACT Prep Class is designed to make students aware of and comfortable with the features and format of a college entrance exam. Students will learn test-taking strategies and time-management skills. All students will take the equivalent of at least four full-length sample ACT exams during the course of this class. They will review all of the relevant English grammar rules, reading comprehension strategies, fundamentals of essay writing, math formulas, and scientific methods and models using past ACT exams as practice. The class will be made available to those juniors who, based on PLAN Test scores, need extra support preparing for standardized tests. The class will be taken in conjunction with 11th grade coursework.

# FAMILY AND CONSUMER SCIENCES

The Family and Consumer Sciences Education curriculum is designed to provide students with the essential life skills that every individual needs in order to develop their full potential, as well as strengthen the American family. Families shape the future citizens of the community and society, and when the family fails, the consequences are felt far beyond the individual.

## SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
<b>FOODS &amp; NUTRITION</b>	✓	✓	✓	✓
<b>LIFE MANAGEMENT</b>		✓	✓	✓
<b>PERSONAL LIVING</b>		✓	✓	✓
<b>PARENTING &amp; CHILD PSYCHOLOGY</b>		✓	✓	✓
<b>Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information</b>				

**0851 FOODS & NUTRITION**  
**GRADES: 9-12**

½ CR

Foods and Nutrition will include skills related to the preparation of many different foods. Students will work on teams in the food lab and demonstrate proper food handling, following a recipe, sanitation skills and measuring. Healthy living through nutrition and exercise will be emphasized. Students will study health related diets, eating disorders, and their personal eating habits. Additionally they will plan and shop for a variety of meals. All students are encouraged to take this class as they prepare for independent living or study careers related to culinary arts.

**0850 LIFE MANAGEMENT**  
**GRADES: 10-12**

½ CR

Students will study consumer economics as they apply their math skills to understand budgeting and banking, saving and investing, borrowing money and using credit, choosing types of insurance and making decisions about future planning and purchasing. Students will demonstrate their understanding of reading a paycheck, calculating deductions. Other independent living skills will include searching for an apartment, planning for education and careers after high school. Life Management will assist students in developing effective communication skills, time management strategies, and other positive habits. Other topics include consumer skills, resume writing, and employability skills.

**0852 PERSONAL LIVING**  
**GRADES: 10-12**

½ CR

Students will study basic elements of personality and self-esteem and will gain an understanding of their own strengths and weaknesses as they relate to careers and family. Much emphasis will be on the family, its functions and the value that families have in an ever changing society. Students will gain a better understanding of themselves and their relationships with others. They will practice decision making, conflict resolution, working effectively as a team and time and stress management skills. Students will also cover topics such as marriage, divorce, crisis and healthy and destructive behaviors.

**0858 PARENTING & CHILD PSYCHOLOGY**  
**GRADES 10-12**

½ CR

This course affords students an opportunity to determine personal readiness and responsibility of parenting. Students will begin the semester looking into their own family system and childhood. Students will study the emotional, social, intellectual and physical development of infants and children. Genetics, pregnancy and birth will be included, as well as issues related to raising healthy children, building positive parent-child relationships, and providing children a safe environment. College credit is available for this class.

## EDUCATION & TRAINING

This diverse career cluster prepares learners for careers in planning, managing, and providing education and training services, and related learning support services. The Education/Teacher Education class focuses on the general theory and practice of learning and teaching, the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education. Possible areas of concentration include teaching and training, professional support services, administration, and administrative support.

### SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
TEACHER EDUCATION		✓	✓	✓
ADVANCED TEACHER EDUCATION			✓	✓
CO-OP or INTERNSHIP (see page 43)			✓	✓
Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information				

**8595/8596 TEACHER EDUCATION**

**1 CR**

**GRADES: 10-12**

This class is designed for students who are interested in exploring the field of education as a career. Students will: examine the multiple responsibilities and understand the professional roles of a teacher; explore diverse career options in education; observe, explore, and utilize effective teaching practices; recognize aspects of human growth and development that relate to learning; construct lessons and teach to standards, develop instructional strategies, explore instructional settings, expand their personal portfolio. Students will benefit from hands-on training; placement as a teacher in training.

**8597/8598 ADVANCED TEACHER EDUCATION**

**1 CR**

**GRADES: 11-12**

***Prerequisite: Teacher Education***

This class allows students who have completed Teacher Education I to apply their knowledge as a teacher in a classroom setting most days of the week. Teacher responsibilities and expectations will be high allowing students to have a real work-based learning experience. Four different placements will be encouraged to achieve a well-rounded teaching experience. Students will spend more time in educational settings and use instructional strategies.

# HEALTH SCIENCES

Health Sciences Education courses are designed for sophomores, juniors and seniors who have a desire for a career in the health care field. In these classes students will learn human anatomy and physiology, medical terminology, medical ethics and laws, aseptic techniques and universal precautions. Basic clinical skills will be included, as well as first aid and CPR (Cardiopulmonary Resuscitation). Career exploration will be an integrated part of the studies, as well as learning the employability skills that are important to getting and keeping a job.

## SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
<b>MEDICAL CAREERS EDUCATION I</b>		✓	✓	✓
<b>MEDICAL CAREERS EDUCATION II - MAP</b>			✓	✓
<b>MEDICAL CAREERS EDUCATION II - ER</b>			✓	✓
<b>CO-OP or INTERNSHIP (see page 43)</b>			✓	✓

**7901/7902 MEDICAL CAREERS EDUCATION I**

**1 CR**

**GRADES: 10-12**

*Prerequisite: Students must apply and be accepted. Interested 9<sup>th</sup> graders applying to enter their 10<sup>th</sup> grade year must have a 3.5 GPA OR have taken Honors IPS during their 9<sup>th</sup> grade year.*

This course is designed to provide students with a basic overview of many health care occupations. A variety of guest speakers and hands on activities will provide students with the opportunity to thoroughly explore the different pathways in health care, enabling the student to better determine their future plans. Students are also introduced to clinical skills involving sterile gloving, medical mathematics, measuring height and weight, blood pressure, and temperature. Human anatomy (dissections) and physiology and medical terminology are strongly emphasized because they provide a knowledge base for all medical professions. Infection control, medical law and ethics, cultural diversity in health care, and health care safety are also covered.

Students will be assisted in the process of career exploration through a job shadow experience at a hospital, nursing home, doctor's office, dental office, sports medicine clinic, or other health related business.

**7933/7934 MEDICAL CAREERS EDUCATION II - MAP**

**1 CR**

**GRADES: 11-12**

*Prerequisite: Medical Careers Education I*

The second year student will have in-depth education in medical terminology and anatomy and physiology. Students will cover appropriate terminology for major systems and organs, major functions of each body system, and will describe basic diseases affecting each system. Advanced clinical skills such as injections and glucometry will also be a part of this course. Career exploration will continue to provide direction for students to reach their desired goals through volunteer opportunities and guest speaker presentations. Students may participate in Health Occupation Students of America (HOSA) – a national and state endorsed organization promoting health care careers. Service learning will also play an important role in the second year curriculum. Articulation (college credit) is also available with five post-secondary institutions.

**7935//7936 MEDICAL CAREERS EDUCATION II - ER**

**1 CR**

**GRADES: 11-12**

*Prerequisite: Medical Careers Education I*

The highest level of training and certification through the American Red Cross will be available for Emergency Response and will involve CPR, AED, back boarding, oxygen administration and advanced first aid. This course will frequently evaluate progression of skills as an Emergency Responder and give students a sense of what it is like to care for a real person in an emergency situation. Course completion requires full participation in classroom and skill sessions, along with successful performance of skill and knowledge tests. Career exploration will continue to provide direction for students to reach their desired goals through volunteer opportunities and guest speaker presentations. Students may participate in Health Occupation Students of America (HOSA) – a national and state endorsed organization promoting health care careers. Service Learning will also play an important role in the second year curriculum. Articulation (college credit) is also available with five post-secondary institutions.



## MANUFACTURING / CONSTRUCTION Engineering & Industrial Technology

This Career Pathway program prepares individuals for employment in the technological, industrial, and service sectors of the economy. Students learn and apply skills in engineering; research and development; industrial relations; quality assurance and improvement; instrumentation; precision production; and related technologies in the manufacturing. The academic and skill training integrates national and state academic, employability, and occupational standards. Students will benefit from cooperative relationships with secondary education, business, and postsecondary education

### SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
WOODWORKING	✓	✓	✓	✓
WOODWORKING (FEMALE ONLY)	✓	✓	✓	✓
CONSTRUCTION TRADES I		✓	✓	✓
CONSTRUCTION TRADES II			✓	✓
CONSTRUCTION / WOODWORKING - ADVANCED STUDIES			✓	✓
ENGINEERING I	✓	✓	✓	✓
ENGINEERING II		✓	✓	✓
ENGINEERING III			✓	✓
MODERN TECHNOLOGY I	✓	✓	✓	✓
MODERN TECHNOLOGY II	✓	✓	✓	✓
CO-OP or INTERNSHIP (see page 43)			✓	✓
<b>Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information</b>				

**8001/8002 WOODWORKING**  
**GRADES: 9-12**

**1 CR**

**Prerequisite: NONE**

In this introductory woodworking class student learn skills that could lead to a future career or the start of a woodworking hobby. Students will create original woodworking project(s) that will develop their skills and their own personal creativity. Safe and proper use of hand tools, portable power tools, and stationary power tools such as the surface planer, table saws and miter saws etc. will be emphasized, giving the student the knowledge and confidence to operate each tool safely and effectively. *Project fees will be assessed for materials used.*

**8007/8008 WOODWORKING (Female Only)**  
**GRADES: 9-12**

**1 CR**

**Prerequisite: NONE**

In this introductory woodworking class student learn skills that could lead to a future career or the start of a woodworking hobby. Students will create original woodworking project(s) that will develop their skills and their own personal creativity. Safe and proper use of hand tools, portable power tools, and stationary power tools such as the surface planer, table saws and miter saws etc. will be emphasized, giving the student the knowledge and confidence to operate each tool safely and effectively. Project fees will be assessed for materials used.

**0803 CONSTRUCTION TRADES I – CABINET MAKING & FINISH CARPENTRY** **1 CR**  
**GRADE: 10 - 12**

***Prerequisite: Successful completion of Woodworking I***

This course expands on the skills covered in Woodworking to develop advance finish carpentry and cabinet making techniques. Additionally students will learn about construction tools, equipment, materials, jobsite safety, blue print reading and career awareness. The goal of this course is for students to apply the advance knowledge they have learned to develop an original project of their choice, while gaining an understanding of how it applies to the construction industry. The students will be required to showcase their projects in the Michigan Industrial and Technology Education Society (MITES) student competition. *Project fees will be assessed for materials used.*

**0804 CONSTRUCTION TRADES II – CONSTRUCTION & BUILDING TECHNOLOGY** **1 CR**  
**GRADE: 11 - 12**

***Prerequisite: Successful completion of Construction Trades I***

The Construction Trades II course provides students with a solid foundation in construction and building technology required for professional career opportunities in the residential, commercial and civic branches of construction trades. Students will gain knowledge about the design, construction, and maintenance of homes, structures and infrastructures that are so important to our everyday lives. Construction skills and techniques taught include: construction materials, design, management, site work, structure construction, framing, siding, roofing, drywall hanging and finishing, masonry, window and door installation, green construction techniques, heavy equipment and civil construction. Students apply these construction skills and techniques in a real world and hands-on lab setting during the construction of a cut-away section of a home with full-sized construction materials. Hand and power tool use, safety, teamwork, and employability skills are emphasized. The Construction Trades II class is valuable for students thinking of going into a construction field and for others wanting to learn valuable life skills. *Project fees will be assessed for materials used.*

**8063/8064 CONSTRUCTION & WOODWORKING – ADVANCED STUDIES** **1 CR**  
**GRADE: 12**

***Prerequisite: Instructor approval must be granted***

This course allows the student to determine the project they wish to accomplish during the school year. Past projects have included; advance residential construction models, curio cabinets, dining room tables, outdoor patio furniture, segmented woodturnings, guitars, entertainment centers and much more. Individual research will be the method that students will use to learn about the techniques and craftsmanship of this trade. Design, business and entrepreneurial skills will also be a major focus. The skills learned will be used to develop a creative construction or woodworking project of the student's choice. The students will be required to showcase their projects in the Michigan Industrial and Technology Education Society (MITES) student woodworking competition. *Project fees will be assessed for materials used.*

**8010/8011 ENGINEERING I** **1 CR**  
**GRADES: 9-12**

***Prerequisite: None***

Engineering I will teach students the fundamental skills necessary to pursue a career in any engineering related field. Students will gain skills in sketching, engineering design, CAD, 3D design, 3D printing, manufacturing and robotics. Students learn to solve real world design problems by brainstorming, and developing solutions using 3-D CAD software. Engineering 1 is a prerequisite for other engineering design classes; therefore, it is highly recommended that students interested in engineering and technology take this course in the 9th or 10th grade.

**8012/8013 ENGINEERING II** **1 CR**  
**GRADES: 10-12**

***Prerequisite: Engineering 1 with a final grade of C or better***

Engineering II is an advanced and challenging class designed to introduce future engineers to real skills used in the workplace. Students will explore a wide array of technical careers and solve real-world engineering problems. The students will also gain extensive experience in the manufacturing lab. Skills such as lathe work, welding, CNC programming, and automation programming will be covered. Students will discover how actual products are designed and manufactured. This class, with an emphasis on quality and leadership, will help to ensure that students can compete in a world economy. This is a "Don't miss" opportunity for students considering a career in engineering or technology.

**8014/8015 ENGINEERING III - ADVANCED STUDY** **1 CR**  
**GRADES: 11-12**

***Prerequisite: Engineering II with a final grade of C or better, and instructor approval***

This is a capstone experience for students to further their education in engineering design, and to apply what they have learned in previous engineering courses. This course allows the student to define a project and what they wish to accomplish during the school year. Past projects have included the design and manufacturing of a product, 3DStudio Max animation programming, and design and manufacturing of a radio-controlled device. See instructor for details.

**0821 MODERN TECHNOLOGY I****½ CR****GRADES: 9-12*****Prerequisite: None***

This course is an introduction to explore the many different avenues of technology and engineering. Modern Technology is dedicated to examining the latest in technology and its uses. Units such as tool and machine safety and use, problem solving method, sketching/drafting, aeronautics, electricity, automotive restraints and aerodynamics are covered in this lab style classroom. Working on real world problems students get hands-on experience using these technologies. Students are also given many opportunities to use and develop critical thinking skills to solve the various design problems. Students will also be instructed and tested on the safe use of power equipment used in the project building phase of each unit.

**0828 MODERN TECHNOLOGY II****½ CR****GRADES: 9-12*****Prerequisite: Modern Technology I***

This course allows the student to continue to explore the many different avenues of technology and engineering in depth. Units such as aeronautics, electricity, automotive restraints and aerodynamics, structure design, and rocketry may be covered in this lab-based classroom. Working on real world problems students continue to get hands-on experience using these modern technologies. Students are also given many opportunities to use and develop critical thinking skills to solve the various design problems. Development of reports and presentations will be emphasized. The safe use of power equipment is required to complete the projects for Modern Technology II.

# INNOVATIVE CLASS OPTIONS

## Work Experience

### 7731 INTERNSHIP (Community-Based Learning)

½ CR

GRADES: 11-12

**Prerequisite:** *Approval of the Community-Based Learning Coordinator.*

Internship involves on-the-job training in an entry-level position. Approved Internship students may have a reduced number of in-school classes, and can earn high school credits(s) for working a job. Internship students can expect to work 5-10 hours per week and may be paid by the employer while working. This supervised work experience will help develop behavior necessary for a career success; provide an opportunity to apply skills in a real-world setting; and will allow the student to explore and evaluate the possibilities of a career.

**Note:** *Interested students must complete an application form. Actual placement will depend on availability of jobs. Students enroll for six classes but may drop classes once they have a confirmed position.*

### 7681 CO-OP/CAPSTONE (Community-Based Learning)

½ CR

GRADES: 11-12

**Prerequisite:** *Enrollment in Career & Technical Education course and/or approval of the Community-Based Learning Coordinator.*

Co-op/Capstone involves on-the-job training in an entry-level position. Approved Co-op/Capstone students may have a reduced number of in-school classes, and can earn high school credit(s) for working a job. Co-op/Capstone students can expect to work 10-14 hours per week and may be paid by the employer while working. This supervised work experience will help develop behavior necessary for career success; provide an opportunity to apply skills in a real-world setting; and will allow the student to explore and evaluate the possibilities of a career.

**Note:** *Interested students must complete an application form. Actual placement will depend on availability of jobs. Students enroll for six classes but may drop classes once they have a confirmed position. College Credit may be earned upon completion.*

## Peer Support

### 0199 PEER MEDIATION

½ CR

GRADES: 11-12

**Prerequisite:** *Application approval*

Peer Mediation and Mentoring class trains students to help other peers solve conflicts peacefully. Students will also be mentors for underclassmen while learning and researching active listening, empathy, problem solving, and other necessary skills. Teen related topics like depression, eating disorders, grief, healthy relationships and harassment will also be the basis of the course. This class may be taken more than once with teacher approval.

### 0833 LINK PROGRAM - Peer to Peer Support

½ CR

Grades 10- 12

**Prerequisite:** *Must complete an application and receive approval of program directors.*

The LINK student is a friend and a peer mentor who will accompany a student with special needs to his/her class. The role of the LINK student is to model and support being a friend in the areas of academics, socialization and behavior. The LINK student will learn about Autism Spectrum Disorders and other learning differences. The LINK student will also learn and develop patience, acceptance and understanding for all. Training requires time outside of the school schedule before the semester begins with on-going support provided throughout the semester. It does involve some lunch hours. Other responsibilities include, but are not limited to, daily journaling, maintaining attendance records, using good communication skills, reviewing and reflecting on current issues in regard to disabilities and a final project. This is a graded class.

# INDUSTRIAL TECHNOLOGY-TRANSPORTATION

This program prepares individuals to engage in the servicing, maintenance, adjustment, and repair of automotive components and systems. Students will have a sequence of learning experiences related to the National Automotive Technicians Education Foundation (NATEF) and repair categories requiring certification. Learning activities in the classroom, laboratory, shop, and actual work setting are combined to provide students with the opportunity to become knowledgeable of safety principles and practices, and entry level skills in disassembling, assembling, inspecting, repairing, and replacing automotive components or systems

## SUGGESTED COURSE SEQUENCE

CLASS	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>
AUTOMOTIVE TECHNOLOGY I BLOCK		✓	✓	✓
AUTOMOTIVE TECHNOLOGY II BLOCK			✓	✓
ADVANCED AUTOMOTIVE TECHNOLOGY BLOCK				✓
CO-OP or INTERNSHIP (see page 43)			✓	✓
Visit <a href="http://www.GBCTE.org">www.GBCTE.org</a> for more information				

### 8273/8274 AUTOMOTIVE TECHNOLOGY I BLOCK

2 CR

#### GRADES: 10-12

This is part one of a two-year comprehensive study of automotive systems. This course includes safety, tools, engines, and brakes. The program is NATEF certified and is up to speed with today's technologically advanced automobiles. This course is a great choice for all students who wish to have a career in the automotive industry, those interested in engineering, and those who are interested in owning and operating their own automobile. This course offers a generous amount of hands-on lab time along with classroom instruction. The material covered in this class will benefit a driver as well as an auto technician.

### 8280/8281 AUTOMOTIVE TECHNOLOGY II BLOCK

2 CR

#### GRADES: 11-12

#### *Prerequisite: Automotive Technology I*

This two-hour block includes a comprehensive study of automotive systems. This includes engines, brakes, suspension, steering, alignment, electrical/electronics. The program is NATEF certified and is up to speed with today's technologically advanced automobiles. This course is a great choice for all students who wish to have a career in the automotive industry, those interested in engineering, and those who are interested in automobiles. This course offers a generous amount of hands-on lab time along with classroom instruction. This class prepares students to PASS the State certification test in Automotive Brakes and Automotive Electrical systems.

### 8282/8283 ADVANCED AUTOMOTIVE TECHNOLOGY BLOCK

2 CR

#### GRADE: 12

#### *Prerequisite: Automotive Technology II Block*

This two-hour block covers all automotive systems in greater depth with much emphasis on diagnostics and professional repair strategies. This class is operated as an automotive repair center and is designed for students who wish to pursue a career in the automotive or engineering fields. The class focus is on application of automotive repair skills and earning industry recognized and respected certifications. Students finishing this class and passing State Certification tests will be ready and able to start a career as a Michigan State Certified Automotive Technician.

# MATHEMATICS

The mathematics curriculum reflects the philosophy that the ability to use mathematics effectively and to apply deductive and inductive reasoning in problem-solving situations is essential in a complex world. The department offers opportunities for students with different backgrounds, interests, needs, and levels of ability to earn the required 4 credits of Math. Since high school mathematics tends to be sequential in nature, it is absolutely essential that students meet the required prerequisites for each course. Therefore, in all courses which are prerequisites, students will earn an A through C-, or an E only (i.e., D grades will not be offered). These courses will be designated in the course guide. Students may not take a course and its prerequisite concurrently, with the exception of Geometry and Algebra 2 or AP Statistics and Sports Statistics (by teacher recommendation only).

## Mathematics Course Sequence

Successful completion of one course in each of the following levels:

**Level 1:** Algebra I with Algebra Support, Honors Algebra I (8<sup>th</sup> grade)

**Level 2:** Technical Geometry, Geometry, Honors Geometry

**Level 3:** Algebra II A & B, Algebra II, Honors Algebra II

**The fourth required credit may be earned by completing one of the following:**

Analytical Geometry (1 sem)

AP Statistics (1 yr)

AP Calculus AB (1 yr)

AP Calculus BC (1 yr)

AP Computer Science A/B (1 yr)

Honors PreCalculus (1 yr)

Computer Science I (1 sem)

Computer Science II (1 sem)

Computer Science III (1 sem)

College Algebra (1 sem)

Introduction to Calculus \*12<sup>th</sup> grade only\* (1 sem)

Honors Trigonometry (1 sem)

Probability & Statistics (1 sem)

Sports Statistics (1 sem)

**3121/3122 ALGEBRA I** **1 CR**

**Students will earn an “A”, “B”, “C”, or “E” grade ONLY. A “D” grade cannot be earned in this course.**

In this course students receive a solid foundation in high school mathematics, building algebraic skills and applying problem solving techniques to real-life problems. This traditional Algebra course includes topics such as geometry, statistics, and data analysis. Students will make limited use of graphing calculators to evaluate expressions, graph equations, draw scatter plots and best fitting lines, etc. (NCAA approved core course)

**3101/3102 ALGEBRA I Support** **1 CR**

This course is designed to assist students who struggled with Algebra 1 material during their previous course. It is a requirement for new students who receive a score below 32 on the Iowa Algebra Aptitude Test or an equivalent score on a similar diagnostic test. This course will offer homework support and basic pre-algebra skills review (i.e. some time will be spent on remedial instruction). It is intended to increase students' understanding and comfort level with key algebraic concepts. (NCAA approved core course)

**3331/3332 TECHNICAL GEOMETRY** **1 CR**

**Students will earn an “A”, “B”, “C”, or “E” grade ONLY. A “D” grade cannot be earned in this course.**

***Prerequisite: One credit of Algebra I or two credits of Algebra IA and Algebra IB with a grade of C- or better and recommendation of current mathematics teacher***

Technical Geometry is the study of Euclidean Geometry from a more intuitive, less formal approach. This course is designed for students who will not major in mathematics but who may need it as background for future studies. (NCAA approved core course)

**3271/3272 GEOMETRY** **1 CR**

**Students will earn an “A”, “B”, “C”, or “E” grade only. A “D” grade cannot be earned in this course.**

***Prerequisite: Algebra I with a grade of C- or better and recommendation of current mathematics teacher***

Geometry is the study of plane and 3-dimensional figures, including parallel lines, triangles, polygons, and circles. It is designed for college-bound students or those whose career requires math beyond high school. (NCAA approved core course)

**3301/3302 HONORS GEOMETRY** **1 CR**

**Students will earn an “A”, “B”, “C”, or “E” grade ONLY. A “D” grade cannot be earned in this course.**

***Prerequisite: Grade of B- or better in Honors Algebra I and recommendation of current mathematics teacher. Co-requisite for sophomores who plan to take AP Calculus & Honors Algebra II***

This course is designed for students who have shown particular interest, understanding, and ability in mathematics. It is a study of Euclidean Geometry, emphasizing logic and proof, including coordinate geometry and isometrics. This is the second course in the sequence for interested and talented students. (NCAA approved core course)

**3181/3182 ALGEBRA II** **1 CR**

***Prerequisite: Grade of C- or better in Algebra I and Geometry and recommendation of current mathematics teacher***

This course emphasizes second-degree equations, exponential functions, conics, and systems of equations. This class is primarily for college-bound students who will study some mathematics in college. (NCAA approved core course)

**3211/3212 HONORS ALGEBRA II** **1 CR**

***Prerequisite: Grade of B- or better in Honors Algebra I and Honors Geometry and recommendation of current mathematics teacher***

This course is for the mathematically talented student. Algebra II course content is covered in greater depth. (NCAA approved core course)

**3251/3252 ALGEBRA II A** **1 CR**

***Prerequisite: Grade of C- or better in Algebra I, successful completion of Geometry, and recommendation of current mathematics teacher.***

This is the first year of a two-year Algebra II program. Students taking Algebra II A must take Algebra II B to complete the sequence. This course expands on the topics of Algebra I and provides further development of the concept of a function. Topics include: relations, functions, equations and inequalities, polynomials, and algebraic functions. (NCAA Approved Core Course = 1/2 credit)

**3261/3262 ALGEBRA II B****1 CR****Prerequisite:** *C- or higher in Algebra IIA*

This is the second year of a two-year program consisting of Algebra II A & Algebra II B. This course provides instruction in logarithmic and exponential functions, sequences and series, conic sections and counting principles. (NCAA Approved Core Course = 1/2 credit)

**0332 TRIGONOMETRY****½ CR****Prerequisite:** *Grade of C- or better in Algebra I, Geometry, and Algebra II and recommendation of current mathematics teacher***Students will earn an “A”, “B”, “C”, or “E” grade ONLY. A “D” grade cannot be earned in this course.**

Trigonometry is the study of functions described by angles and distances, as well as of triangles and the relationships of their sides and angles, vectors, and applications. This course is a prerequisite for calculus and many college math courses. It is intended for the college bound student. (NCAA approved core course)

**0338 PROBABILITY AND STATISTICS****½ CR****Prerequisite:** *Grade of C- or better in Algebra I, Geometry, and Algebra II and recommendation of current mathematics teacher*

This course studies the mathematics of uncertainty with application to the theory of statistics and statistical inference. This course is designed for the student who will study mathematics, business, psychology, engineering or other fields where statistics is a tool. (NCAA approved core course)

**0340 SPORTS STATISTICS****½ CR****Prerequisite:** *Grade of C- or higher in Probability & Statistics or AP Statistics, and teacher recommendation. May be taken concurrently with AP Statistics.*

Sports Statistics is attuned to students' interest in college and professional level athletics. It involves the study of four main areas – exploratory analysis, designing an experiment, probability, and statistical inference – within a context of real-life examples from the world of sports. Sports Statistics is an activity-based course in which students actively construct their own understanding of the concepts and techniques of statistics using real-world sports data. The purpose of this course is to familiarize students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data collected throughout the sports world. Upon entering this course, students are expected to have mathematical maturity and quantitative reasoning ability.

**0351 INTRODUCTORY CALCULUS****½ CR****Students will earn an “A”, “B”, “C”, or “E” grade ONLY. A “D” grade cannot be earned in this course.****Prerequisite:** *Grade of C- or better in Algebra I, Geometry, Algebra II, and Trigonometry and recommendation of current mathematics teacher (12<sup>th</sup> grade class ONLY).* This is a one-semester course covering the beginning concepts of Calculus. This course includes limits, derivatives, integrals, and applications. (NCAA approved core course)**3391/3392 AP STATISTICS****1 CR****Prerequisite:** *Grade of B- or better in Algebra II or Honors Algebra II, and recommendation of current mathematics teacher.*

AP Statistics involves the study of four main areas: exploratory analysis, planning a study, probability, and statistical inference. In contrast to many math classes, this course will require reading of the text. This AP Statistics course is taught as an activity-based course in which students actively construct their own understanding of the concepts and techniques of statistics. (NCAA Approved Core Course)

**3321/3322 HONORS PRECALCULUS****1 CR****Prerequisite:** *Grade of B- or better in Honors Algebra I, Honors Geometry, Algebra II or Honors Algebra II and recommendation of current mathematics teacher.*

This course is for those students who will study Mathematics at the college level or for students planning to take AP Calculus AB or BC. It includes an extensive look at trigonometry and analytical geometry concepts that are at the root of calculus. These include the study of functions described by angles and distances, vectors both plane and three dimensional and how they can be applied to relationships of points, lines and planes, conic sections, coordinate geometry, sequences, series, logarithms, and polynomial functions. (NCAA approved core course)



**0309 COLLEGE ALGEBRA****½ CR*****Prerequisite: Algebra I & II***

College Algebra is a one semester course for students who successfully completed Algebra II. The emphasis is on the mathematical modeling of real-life problems using quadratic, polynomial, exponential, logarithmic, trigonometric, and rational functions. Topics also include conic sections, probability, and sequences and series. With successful completion of this course, students should place into Pre-Calculus in college.

**3481/3482 AP CALCULUS AB****1 CR**

***Prerequisite: Grade of B- or better in Algebra I, Geometry, Algebra II, Trigonometry, Analytical Geometry, and recommendation of current mathematics teacher \*\*Honors Trigonometry Highly Recommended\*\*.*** This is a full year study of calculus that may lead the student to advanced placement credit at the college level. (NCAA approved core course)

**3521/3522 AP CALCULUS BC****1 CR**

***Prerequisite: Grade of B- or better in Algebra I, Geometry, Algebra II, Honors Trigonometry, Analytical Geometry, and recommendation of current mathematics teacher***

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 additional topics. This course represents 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. (NCAA approved core course)

**0344 COMPUTER SCIENCE I****½ CR**

***Prerequisite: Satisfactory completion of Algebra I with a grade of C or better; and recommendation of current mathematics teacher***

The purpose of this course is to introduce students to computer programming concepts through the use of the Visual Basic programming language. Visual Basic is an introductory programming language using the Windows environment. Students will learn how to control Windows, how to develop a user interface that is user-friendly, and how to use the programming constructs of sequence, selection, repetition, and object-oriented procedures to produce their own solutions to practical problems.

**0345 COMPUTER SCIENCE II - GAMING****½ CR**

***Prerequisite: Satisfactory completion of Computer Science I with a grade of C or better and recommendation of current Computer Science teacher***

This course is a continuation of Computer Science I using Visual Basic. Students will focus on gaming programs. They will use the random number generator, timers, arrays, and gaming techniques in their programs. Gaming theory will be discussed.

**0346 COMPUTER SCIENCE III - ANIMATION, GRAPHICS and GAMING III****½ CR**

***Prerequisite: C+ or better in Computer Science II, C+ or better in 2nd semester Algebra 1, a strong desire for more challenging programming work and recommendation of current mathematics teacher***

This course will give the qualified student an opportunity for further exploration of programming problems. They will use a variety of different programming software and languages to create unique and fun programming projects.

**0347 COMPUTER SCIENCE IV - PROGRAMMING APPS****½ CR**

***Prerequisite: Grade of C+ or better in Computer Science III, strong written communication and mathematical reasoning abilities and recommendation of current mathematics teacher***

The course continues the study of programming/problem solving. We will be using the Java language to program Android Apps with a focus on programming, methodology, algorithmic design, and data structures.

**3491/3492 AP COMPUTER SCIENCE A****1 CR**

***Prerequisite: Requires a recommendation by Computer Science II teacher.***

This course is a study of programming using the Java language. It emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. This course is meant to be the equivalent of a first-semester college-level course in Computer Science.

**0302 ACT PREP COURSE****½ CR**

***Prerequisite: Students who scored a 14 or less on the 8th grade EXPLORE test will be placed in ACT prep for their junior year. If, after taking the PLAN test in 10th grade students score a 17 or higher, they can choose to be taken out of the ACT prep class and placed in an elective of their choice.***

The ACT Prep Class is designed to make students aware of and comfortable with the features and format of a college entrance exam. Students will learn test-taking strategies and time-management skills. All students will take the equivalent of at least four full-length sample ACT exams during the course of this class. They will review all of the relevant English grammar rules, reading comprehension strategies, fundamentals of essay writing, math formulas, and scientific methods and models using past ACT exams as practice. The class will be made available to those juniors who, based on PLAN Test scores, need extra support preparing for standardized tests. The class will be taken in conjunction with 11th grade coursework.

# MUSIC

The Music Department, both instrumental and vocal, offers an opportunity for students at all levels of musical ability, to advance their musical understanding, appreciation, and performance. This department has classes for every high school student, from the serious music student to the student who wishes to investigate the opportunities available. All students will be encouraged to pursue the study of music theory and music performance, while receiving the enjoyment and personal satisfaction of rehearsing and performing in large and/or small ensembles. Emphasis is placed on good rehearsal techniques, basic musicianship, and quality performances. Serious music students are encouraged to be involved in both vocal and instrumental music during at least two of their four years at the high school.

## SUGGESTED COURSE SEQUENCE

GRADE	VOCAL	INSTRUMENTAL
9	<ul style="list-style-type: none"> <li>• Mixed Chorus</li> </ul>	<ul style="list-style-type: none"> <li>• Concert Band</li> <li>• Marching Band</li> </ul>
10	<ul style="list-style-type: none"> <li>• Mixed Chorus or Girls' Glee Club</li> <li>• Chorale</li> </ul>	<ul style="list-style-type: none"> <li>• Concert Band</li> <li>• Symphonic Band</li> <li>• Wind Ensemble/Marching Band</li> </ul>
11	<ul style="list-style-type: none"> <li>• Mixed Chorus or Girls' Glee Club</li> <li>• Chorale</li> </ul>	<ul style="list-style-type: none"> <li>• Concert Band</li> <li>• Symphonic Band</li> <li>• Wind Ensemble/Marching Band</li> </ul>
12	<ul style="list-style-type: none"> <li>• Mixed Chorus or Girls' Glee Club</li> <li>• Chorale</li> </ul>	<ul style="list-style-type: none"> <li>• Concert Band</li> <li>• Symphonic Band</li> <li>• Wind Ensemble/Marching Band</li> </ul>

**9061/9062 MIXED CHORUS**  
**GRADES: 9-12**

**1 CR**

**Prerequisite: None**

This class is both a beginning training group for incoming male and female students of any age, as well as an intermediate level performing group for music students enrolled in other music classes. This class is open to all students regardless of previous music experience, level, or ability. Music reading, sight singing, and the rudiments of music will be studied, as well as techniques for three and four part singing, good tone production, and other aspects of good choral singing. Students can expect a variety of music and performance opportunities.

**9001/9002 GIRLS' GLEE CLUB**

**1 CR**

**GRADES: 10-12**

**Prerequisite: Instructor approval**

This class is both an intermediate level performing group for female music students enrolled in other music classes or as a student's only music class. This class is open to all female students who have passed a brief placement audition with the instructor. Music reading, sight singing, and the rudiments of music will be studied, as well as techniques for three and four part singing, good tone production, and other aspects of good choral singing. Students can expect a variety of music and performance opportunities.

- 9091/9092 CHORALE** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Instructor approval*  
 Chorale is for the serious choral music student, both male and female, who wishes to strive for a greater mastery of all aspects of choral music. This class is open to all students who have passed a brief placement audition with the instructor.
- Chorale students can expect to improve their music reading, sight singing, tone production, and other aspects of good choral singing while studying the music of the masters. Students can expect a variety of music and performance opportunities.
- 9261/9262 CONCERT BAND - WOODWINDS** **1 CR**  
**GRADES: 9-12**  
*Prerequisite: 8<sup>th</sup> grade band*  
 This is the first-level band class and is open to all band students. Emphasis is placed on refining performance skills and the study of standard band literature. The members of this band will perform several concerts throughout the school year and in the District Solo & Ensemble Festival.
- 9271/9272 CONCERT BAND - BRASS/PERCUSSION** **1 CR**  
**GRADES: 9-12**  
*Prerequisite: 8<sup>th</sup> grade band*  
 This is the first-level band class and is open to all band students. Emphasis is placed on refining performance skills and the study of standard band literature. The members of this band will perform several concerts throughout the school year and in the District Solo & Ensemble Festival.
- 9321/9322 SYMPHONIC BAND - WOODWINDS** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Instructor approval*  
 The Symphonic Band is the second level band at the high school. While the emphasis is on the development of scales, music fundamentals, and the performance of standard band literature, there is great opportunity for a variety of musical performances outside the school setting to include District Solo & Ensemble Festival.
- 9331/9332 SYMPHONIC BAND - BRASS/PERCUSSION** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Instructor approval*  
 The Symphonic Band is the second level band at the high school. While the emphasis is on the development of scales, music fundamentals, and the performance of standard band literature, there is great opportunity for a variety of musical performances outside the school setting to include District Solo & Ensemble Festival.
- 9351/9352 WIND ENSEMBLE** **1 CR**  
**GRADES: 11-12**  
*Prerequisite: Audition*  
 The Wind Ensemble is the most advanced band at the high school. The class offers the highest level of musical challenge and is designed for the serious instrumental music student. The membership will be selected to keep a balanced instrumentation as well as a high performance level. The members of this band will be expected to perform several times throughout the school year to include concerts for the All School Musical, Band Festival and Solo & Ensemble Festival. Furthermore, the members of this band will be encouraged to participate in extracurricular bands, study privately, and participate in Flint Institute of Music ensembles.
- 0920 MARCHING BAND/COLOR GUARD** **½ CR**  
**GRADES: 9-12**  
*Prerequisite: Freshman students who wish to take marching band must also be a member of an in-school band. Instructor approval or audition*  
 The Bobcat Marching Band is a class for dedicated and hardworking students! The class meets daily, beginning after 6<sup>th</sup> hour on some days, in combination with scheduled evening practices on the other days. The season runs for approximately ten weeks. The band is scheduled to perform at all home varsity football games and the homecoming parade. The marching band is a member of the Michigan Competitive Band Association, and may also travel and participate in several Saturday competitions. All members are required to attend a one-week band camp, held prior to the start of school.

# PHYSICAL & HEALTH EDUCATION

Courses 0941 (Physical Education) and 0942 (Health Education) are required and must be completed prior to selecting any other physical education course offerings. These courses are usually completed in the ninth grade. The elective physical education offerings at Grand Blanc High School are a modern approach to meeting the needs of the serious-minded physical education students. Selections should be based on the student's interest with emphasis placed on areas that may present a lifetime of leisure activity. The different course offerings make it possible for students to select classes throughout their high school years and take advantage of the opportunity to learn and participate in many recreational activities.

## COURSE OFFERINGS

Physical Education – <b>0941</b> (Required)
Health Education– <b>0942</b> (Required)
Advanced Sports Skills (Male) – <b>0961</b>
Advanced Sports Skills (Female) – <b>0964</b>
Physical Conditioning (Male) – <b>0967</b>
Lifelong Fitness - <b>0969</b>

### **0941 PHYSICAL EDUCATION – REQUIRED**

½ CR

#### **GRADES: 9-10**

This is a comprehensive physical education class that will help develop the skills necessary for physical conditioning and basic sports skills. Students will learn lifelong physical fitness skills to maintain a healthy body. The goal of this class is to develop the individual to be the best he/she can be. Units may include, but are not limited to, swimming, basketball, volleyball, weight training, soccer, softball, football, tennis and floor hockey. *This class along with 0942 must be completed prior to taking any other physical education classes.*

### **0942 HEALTH EDUCATION – REQUIRED**

½ CR

#### **GRADES: 9-10**

This class is a comprehensive course in health as it relates to today's teens. Content includes physical fitness, mental health, hygiene, nutrition, and personal relationships. Focus is on communication skills, decision-making skills, and the roles of friends and family in identity formation. Units include smoking, alcohol, drugs, and sex education. *This class along with 0941 must be completed prior to taking any other physical education classes.*

### **0961 ADVANCED SPORTS SKILLS+++**

½ CR

#### **GRADES: 10-12 (MALES ONLY)**

#### **Prerequisite: Must have passed 0941 Physical Education and 0942 Health Education**

This class is targeted toward the intermediate physical education student. The student will participate in various sports that are offered at Grand Blanc High School along with other life-long fitness activities. Students will use the basic skills they learned in Physical Education 0941 and build on them. They will learn different strategies and concepts for sport related games. In addition, students will learn the skills and ethics necessary to be a sports official

### **0964 ADVANCED SPORTS SKILLS +++**

½ CR

#### **GRADES: 10-12 (FEMALES ONLY)**

#### **Prerequisite: Must have passed 0941 Physical Education and 0942 Health Education**

This class is targeted toward the intermediate physical education student. The student will participate in various sports that are offered at Grand Blanc High School along with other life-long fitness activities. The student will be able to participate in weight training and exercises to condition themselves and to develop an understanding of the muscle groups of the human body and their function. Students will use the basic skills they learned in Physical Education 0941 and build on them. They will learn different strategies and concepts for sport related games. In addition, students will learn the skills and ethics necessary to be a sports official

**0967 PHYSICAL CONDITIONING +++**

½ CR

**GRADES: 10-12 (MALES ONLY)**

***Prerequisite: Must have passed 0941 Physical Education and 0942 Health Education with a C- or higher grade or teacher approval***

This class has been designed for students who are **serious** about physical fitness and conditioning. This class is open to males only. The student will be able to participate in weight training and exercises to condition themselves and to develop an understanding of the muscle groups of the human body and their function. This course targets students who want to get physically fit through exercise, weight training, and extensive conditioning activities.

**0969 LIFELONG FITNESS**

½ CR

**GRADES: 9-12**

***Prerequisite: Freshman pe***

This is a new course offered to all students at Grand Blanc High School. This is a semester course that is designed to give you the skills and to learn fitness activities that you can do lifelong to maintain a healthy body and mind. The course will be mainly activity based including, but not limited to: tennis, golf, cycling, orienteering/hiking, weight training, rock climbing, yoga, aerobic fitness, inline skating, and many more activities. You will also be involved in planning a fitness charity event, learn how to make healthy snacks and read labels to get the most out of your workouts. This is an exciting and beneficial class for your body and mind to get the most out of life by staying healthy and happy.

+++This class may be repeated each semester and/or year; however it may not be taken twice in the same semester. This class may be combined with another elective gym class during the same semester.

# SCIENCE

The Science Department offers a comprehensive, quality program designed to meet the needs of all students. There will be equal opportunity for all students to pursue the sciences with emphasis on skill development, process of science, careers, consumer education, and academic content. This is accomplished through an experience-oriented, laboratory-centered program designed to develop an appreciation of science and the role science plays in society. All students must earn 3 credits of science to graduate.

## SUGGESTED COURSE SEQUENCE

GRADE	CAREER-TECHNICAL	COLLEGE PREP
9	<ul style="list-style-type: none"> <li>• IPS</li> </ul>	<ul style="list-style-type: none"> <li>• IPS</li> <li>• Honors IPS</li> </ul>
10	<ul style="list-style-type: none"> <li>• Oceanography</li> <li>• Principles of Biology</li> <li>• Biology</li> </ul>	<ul style="list-style-type: none"> <li>• Oceanography</li> <li>• Biology</li> <li>• Honors Chemistry (must also be enrolled in Biology)</li> </ul>
11	<ul style="list-style-type: none"> <li>• Earth Science</li> <li>• Oceanography</li> <li>• Principles of Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Earth Science</li> <li>• Oceanography</li> <li>• Chemistry</li> <li>• Material Science</li> <li>• Honors Chemistry</li> <li>• PSSC Physics</li> <li>• AP Physics</li> <li>• AP Environmental Science</li> </ul>
12	<ul style="list-style-type: none"> <li>• Principles of Physics</li> <li>• Oceanography</li> <li>• Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Oceanography</li> <li>• Principles of Physics</li> <li>• PSSC Physics</li> <li>• Material Science</li> <li>• AP Biology</li> <li>• AP Environmental Science</li> <li>• AP Chemistry</li> <li>• AP Physics</li> </ul>

**4061/4062 IPS (Introduction to Physical Science)**

**GRADE: 9**

**1 CR**

**Prerequisite: Currently taking Algebra I or Algebra 1B.**

This course is a laboratory approach to the study of the nature of matter. In the first semester, students perform experiments designed to enhance their understanding of characteristic properties, elements and compounds. The second semester is devoted to the fundamental concepts of pressure, forces and vectors, wave motion and forms of energy. (NCAA approved core course)

- 4071/4072 HONORS IPS (Introduction to Physical Science)** **1 CR**  
**GRADE: 9**  
*Prerequisite: Currently taking Honors Geometry or higher.*  
 This course provides a lab approach to the study of the nature of matter. Students perform experiments designed to enhance their understanding of characteristic properties, compounds, elements, and atoms. The course content is similar to that of 0406 IPS/FME, but covers the topics mentioned in greater depth. The honors course also covers electricity, heat, pressure, forces and vectors, wave motion and forms of energy. (NCAA approved core course)
- 4031/4032 PRINCIPLES OF BIOLOGY** **1 CR**  
**GRADE: 10**  
*Prerequisite/Co-requisite: Principles of IPS/FME (Not open to 9<sup>th</sup> grade students)*  
 This course is an introduction to the study of life at the cellular level leading to an understanding of living chemistry and cell structure and function. The concepts of anatomy and physiology, and their relationship to man and society are studied.
- 4091/4092 BIOLOGY** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: IPS/FME, or concurrently taking IPS/FME. (Not open to 9<sup>th</sup> grade students)*  
 This course is an introduction to the study of life at the cellular level leading to an understanding of living chemistry and cell structure and function. The concepts of evolution and adaptation, anatomy, physiology, and their relationship to man and society are studied. (NCAA approved core course)
- 4150 MATERIAL SCIENCE** **½ CR**  
**GRADES: 11-12**  
*Prerequisite: Prerequisite/Co-requisite of Chemistry*  
 Material Science introduces students to the laboratory and classroom experiences that they would encounter in the exciting field of material science and engineering (MSE). Material scientists and material engineers seek to understand the relationships between the structures, properties, develop improved processes for making materials and understand the role of materials in the changing environment of tomorrow. This course focuses on using the five major classes of materials: Solids, Metals, Ceramics, Polymers (plastics) and Composites.
- 0442 EARTH SCIENCE** **½ CR**  
**GRADES: 11-12**  
 This one semester course investigates Earth and space from their formation to the present. The course content focuses on geology, weather, climate, pollution, natural resources, plate tectonic forces and space.
- 0440 OCEANOGRAPHY** **½ CR**  
**GRADES: 10-12**  
*Prerequisite: Biology or concurrently taking Biology*  
 This one semester course presents the physical and biological aspects of the ocean. Work is often individualized to a student's interests and ability. (This is an interdisciplinary course.) Students should be enrolled in a biology class or should have completed one. (NCAA approved core course)
- 4221/4222 PRINCIPLES OF CHEMISTRY** **1 CR**  
**GRADES: 11-12**  
*Prerequisite: Principles of Biology class. Co-requisite of Tech Geometry or Geometry*  
 The course focuses on chemistry concepts and applying knowledge of math and science. This course is designed to emphasize critical thinking, analyzing, decision-making, and problem solving, and to examine real world situations. Students who earned credit in principles of biology may take this course regardless of what math they are currently enrolled. (NCAA approved core course).
- 4231/4232 CHEMISTRY** **1 CR**  
**GRADES: 10-12**  
*Prerequisite: Credit in any Geometry and any Biology*  
 The course focuses on chemistry concepts using knowledge of math and science. This course is designed to emphasize critical thinking, analyzing, decision-making, and problem solving, and to examine real world situations. This class is targeted for college-bound students interested in a science related career. (NCAA approved core course)



**4261/4262 HONORS CHEMISTRY** **1 CR**  
**GRADES: 10-11**

***Prerequisite/Co-requisite of Biology and Algebra II. Students also must have an overall GPA of 3.50 or higher or earning a score of 80% or higher on Honors Chemistry entrance exam.***

The focus of the course requires an application of math and science in chemistry context. This course is designed to emphasize critical thinking, analyzing, decision-making and problem solving. The course is targeted especially for those college-bound students interested in a science-related career and/or attending a highly competitive university. The content is similar to that of 0423 Chemistry, but the concepts are covered in greater depth and at a faster pace. Grades earned in this course do not contribute any additional weight to a student's GPA (unlike an AP course). After successfully completing Honors Chemistry, students will be prepared for an AP science course. (NCAA approved core course)

**4281/4282 PRINCIPLES OF PHYSICS** **1 CR**  
**GRADE: 12**

***Prerequisite: Algebra II (grade C- or better)***

The class employs the basic concepts found in process science courses. Force, work, rate, resistance, energy and power are explored in detail as they pertain to mechanical, fluid, electrical and thermal systems. Principles of Physics is a course designed for college bound students who are planning on a non-science related career. (NCAA approved core course)

**4331/4332 PSSC PHYSICS** **1 CR**  
**GRADES: 11-12**

***Prerequisite: Algebra II and co-requisite Trigonometry or higher***

PSSC Physics places an emphasis on mathematical analysis as related to the discoveries of the laws that govern the physical world. This course is intended for students planning on a professional career in science and/or science-related fields. (NCAA approved core course)

**4361/4362 AP CHEMISTRY** **1 CR**  
**GRADE: 12**

***Prerequisite: Chemistry 0423 or Honors Chemistry with a grade of A or B and recommendation of chemistry instructor. Physics 0428 or 0433 co-requisite or prerequisite***

This second year of chemistry is designed for students who plan to continue their study of chemistry in college. The content is equivalent to a first year college chemistry course. A summer homework packet will be mandatory and tested over in the first week of class. Upon completion of the course, students are encouraged to take the advanced placement exam for college credit. (NCAA approved core course)

**4121/4122 AP BIOLOGY** **1 CR**  
**GRADE: 12**

***Prerequisite: Chemistry or Honors Chemistry with a grade of A or B and recommendation of both the biology and chemistry instructors. Principles of Physics or PSSC Physics is the co-requisite or prerequisite***

This second year of biology is designed to be equivalent to a first year college biology course. The course focuses on three general areas: molecules and cells, heredity and evolution, and organisms and populations. A summer homework packet will be mandatory and tested over in the first week of class. On completion of the course, students are encouraged to take the advanced placement exam for college credit. (NCAA approved core course)

**4441/4442 AP ENVIRONMENTAL SCIENCE** **1 CR**  
**GRADES 11-12**

***Prerequisite: Completion of IPS/FME and Biology with a grade of B or better. Past or concurrent enrollment in Chemistry or Honors Chemistry is also required.***

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study, yet there are several major unifying constructs, or themes, that cut across the many topics included. Upon completion of the course, students are encouraged to take the advanced placement exam for college credit. (NCAA approved course)

**4341/4342 AP PHYSICS****1 CR****GRADE: 11-12*****Prerequisite: Completion of Algebra II with a B+ or better. Past or concurrent enrollment in Chemistry or Honors Chemistry is also required. Co-requisite of Trigonometry or higher.***

AP Physics is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Upon completion of the course, students are encouraged to take the advanced placement exam for college credit. (NCAA approved core course)

**0302 ACT PREP COURSE****½ CR*****Prerequisite: Students who scored a 14 or less on the 8th grade EXPLORE test will be placed in ACT prep for their junior year. If, after taking the PLAN test in 10th grade students scores a 17 or higher, they can choose to be taken out of the ACT prep class and placed in an elective of their choice.***

The ACT Prep Class is designed to make students aware of and comfortable with the features and format of a college entrance exam. Students will learn test-taking strategies and time-management skills. All students will take the equivalent of at least four full-length sample ACT exams during the course of this class. They will review all of the relevant English grammar rules, reading comprehension strategies, fundamentals of essay writing, math formulas, and scientific methods and models using past ACT exams as practice. The class will be made available to those juniors who, based on PLAN Test scores, need extra support preparing for standardized tests. The class will be taken in conjunction with 11th grade coursework.

# SOCIAL STUDIES

Three Social Studies credits are required for graduation. Students must take World History, U.S. History, American Government, and Economics in the following sequence:

## SUGGESTED COURSE SEQUENCE

GRADE	CAREER-TECHNICAL	COLLEGE PREP
<b>9</b>	<ul style="list-style-type: none"> <li>• General World History</li> <li>• World History</li> </ul>	<ul style="list-style-type: none"> <li>• World History</li> <li>• AP Human Geography</li> </ul>
<b>10</b>	<ul style="list-style-type: none"> <li>• General United States History</li> <li>• United States History</li> </ul>	<ul style="list-style-type: none"> <li>• United States History</li> <li>• AP United States History</li> <li>• AP Human Geography</li> <li>• AP World History</li> </ul>
<b>11</b>	<ul style="list-style-type: none"> <li>• General American Government</li> <li>• African American History</li> <li>• American Government</li> <li>• General Economics</li> <li>• Economics</li> <li>• Law and Society</li> <li>• Leadership Exploration and Development</li> <li>• Psychology</li> <li>• Sociology</li> </ul>	<ul style="list-style-type: none"> <li>• African American History</li> <li>• American Government</li> <li>• AP American Government &amp; Politics: United States</li> <li>• AP United States History</li> <li>• AP Human Geography</li> <li>• AP Macroeconomics</li> <li>• AP Psychology</li> <li>• AP Microeconomics</li> <li>• AP World History</li> <li>• Psychology</li> <li>• Economics</li> <li>• Law and Society</li> <li>• Leadership Exploration and Development</li> <li>• Psychology</li> <li>• Sociology</li> </ul>
<b>12</b>	<ul style="list-style-type: none"> <li>• African American History</li> <li>• Psychology</li> <li>• Sociology</li> <li>• Law &amp; Society</li> <li>• Leadership Exploration and Development</li> </ul>	<ul style="list-style-type: none"> <li>• Psychology</li> <li>• Sociology</li> <li>• Law &amp; Society</li> <li>• Humanities</li> <li>• African American History</li> <li>• Leadership Exploration and Development</li> <li>• AP United States History</li> <li>• AP American Government &amp; Politics: United States</li> <li>• AP Macroeconomics</li> <li>• AP Human Geography</li> <li>• AP Psychology</li> <li>• AP Microeconomics</li> <li>• AP World History</li> </ul>

**1073/1074 GENERAL WORLD HISTORY****1 CR****GRADE: 9**

This one-year required course for 9<sup>th</sup> graders is for students who have demonstrated reading and comprehension difficulties. The course will survey human history thematically concentrating on World Religions, Governments, Imperialism, and Revolutions as they affected Europe, Africa, China and the Middle East. Students must be concurrently enrolled in General English 9.

**2713/2714 WORLD HISTORY****1 CR****GRADE: 9**

World History is a one-year required course for 9<sup>th</sup> grade students. The course will survey human history thematically concentrating on World Religions, Governments, Imperialism, and Revolutions as they affected Europe, Africa, China and the Middle East. (NCAA approved core course)

**5503/5504 AP WORLD HISTORY****1 CR****GRADES: 10-12**

**Prerequisite:** *An A- or better in previous and current Social Studies class, An A- or better in previous and current English class, letter of recommendation from current English and Social Studies teachers*

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance - focusing on the environment, cultures, state-building, economic systems, and social structures - provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions some of which will include the comprehensive topics of Ancient Greece and Rome, the impact of religions and art on different cultures, as well as the development of modern political structures.

This course is designed to fulfill the world history graduation requirement and can be taken either as a succession to freshmen world history or as an independent course for sophomores, juniors, or seniors. This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Summer reading packets and activities are required for all grades.

**5074/5075 GENERAL UNITED STATES HISTORY****1 CR****GRADE: 10**

**Prerequisite:** *Recommendation of World History or English 9 teacher*

This required class is for students who have demonstrated difficulties with previous social studies classes and/or experienced difficulty with reading main ideas and taking tests. Students must be enrolled in General English 10 concurrently. The course begins with a review of the U.S. Constitution; however, the major emphasis is the 20<sup>th</sup> century.

**2813/2814 UNITED STATES HISTORY****1 CR****GRADE: 10**

This required course begins with a review of the U.S. Constitution; however, the major emphasis is the 20<sup>th</sup> century. (NCAA approved core course)

**5501/5502 AP UNITED STATES HISTORY****1 CR****GRADES: 10-12**

**Prerequisite:** *In order to take this course as a sophomore: World History and English 9 with a grade of an A, World History and English 9 teacher recommendations and completion of the A.P. United States History application. Any freshmen not meeting the prerequisites and still interested in taking the course must complete the Freshmen A.P. Entrance Essay, along with the A.P. United States History application. In order to take this course as a junior or senior: an A- or higher in United States History and teacher recommendation. Summer reading packets and activities are required for all grades.*

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History from exploration to the 21<sup>st</sup> century. This course is designed to either be a first year of United States history for sophomores or a second year for juniors and seniors. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course will help develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. (NCAA approved core course)

**0508 GENERAL AMERICAN GOVERNMENT** ½ CR

**GRADE: 11**

**Prerequisite:** *Recommendation of U.S. History or English 10 teacher*

This required class is for students who have demonstrated difficulties with previous social studies classes and/or experience difficulty with reading, main ideas, and taking tests. Students must be enrolled in Literature Survey, Writing Survey or General English Strategies concurrently. This course is a study of the principles, practices and problems of the American government. Content covers comparisons with other forms of government organization at all levels, important documents related to government, rights of citizens, and current events related to governmental functions.

**0507 AMERICAN GOVERNMENT** ½ CR

**GRADES: 11**

This required course is a study of principles, practices, and problems of the American government. Comparisons will be made with other systems of government. American Government is required for graduation. (NCAA approved core course)

**0555 AP AMERICAN GOVERNMENT & POLITICS: UNITED STATES** ½ CR

**GRADE: 11-12**

**Prerequisite:** *United States History with a grade of A- or better/English 10 grade of A- or better and teacher recommendations from each course. Or A- or better in American Government and current English course teacher recommendations from each course. Students will be accepted through the application process.*

Advanced Placement Government is equivalent to a first year college political science course and will replace the high school government course for those students looking for a challenge. Students are expected to take standardized exams, timed essays, and debate current events and specific topics studied. Students are encouraged to take the advanced placement exam for college credit

**0512 GENERAL ECONOMICS** ½ CR

**GRADE: 11**

**Prerequisite:** *Recommendation of U.S. History or English 10 teacher*

Must be enrolled concurrently in Literature Survey or Writing Survey or General English Strategies. General Economics is a study and analysis of the fundamentals of macroeconomics. Topics will include a broad survey of economics in the public and private sector, national income accounting, employment, fiscal and monetary policy, economic stability, current economic problems, and international economic relations, business cycles, and the stock market. Students will be involved in a variety of computer simulations. Economics and the junior interview are graduation requirements.

**0517 ECONOMICS** ½ CR

**GRADE: 11**

Economics is a study and analysis of the American economic system. Topics will include a broad survey of economics in the public and private sector, national income accounting, employment, fiscal and monetary policy, economic stability, current economic problems, and international economic relations, business cycles, and the stock market. Students will be involved in a variety of computer simulations. Economics and an exit Interview are graduation requirements. (NCAA approved core course)

**0556 AP MACROECONOMICS** ½ CR

**Grade: 11-12**

**Prerequisite:** *Grade of B+ or better in last social studies course and teacher recommendation.*

Advanced Placement Macroeconomics is designed to be equivalent to a first year college economics course and will replace the high school economics course for those students electing this more challenging option. Students will gain a thorough understanding of the principles of economics that apply to an economic system as a whole. Advanced Placement Macroeconomics will place a heavy emphasis on macroeconomics which includes the study of national income and price-level determination, and also develop students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. The course content and guidelines will be closely aligned to the Advanced Placement Economics course curriculum developed by The College Board. Students will be trained to analyze and interpret primary and secondary sources including documentary materials, statistical tables, and graphic evidence of the principles of economics. They will be proficient at reading and creating graphs and tables directly related to the core principles of economics. Students will write in a variety of formats. They will gain proficiency in note-taking from printed material, lecture, and/or discussions. They will learn to create and analyze economic models and use these models to answer various economic problems. Students are encouraged to take the advanced placement exam for college credit.

**0557 AP MICROECONOMICS****½ CR****GRADES: 11-12****Prerequisites: AP Macroeconomics**

Advanced Placement Microeconomics is designed to be equivalent to a first year college economics course. Students will gain a thorough understanding of the principles of microeconomics. Advanced Placement Microeconomics will place a heavy emphasis on the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. AP Microeconomics will be centered on understanding basic microeconomic concepts, the product market, the factor market, market failure, and the role of government in the economy. The course content and guidelines will be closely aligned to the Advanced Placement Microeconomics course curriculum developed by The College Board. Students will be trained to analyze and interpret primary and secondary sources including documentary materials, statistical tables, and graphic evidence of the principles of microeconomics. They will be proficient at reading and creating graphs and tables directly related to the core principles of microeconomics. Students will write in a variety of formats. They will gain proficiency in note-taking from printed material, lecture, and/or discussions. They will learn to create and analyze economic models and use these models to answer various economic problems. Students are encouraged to take the advanced placement exam for college credit.

**5581/5582 AP HUMAN GEOGRAPHY****1 CR****GRADES 9-12****Prerequisite: A grade of a B- or better in your previous English course, recommendation of your current Social Studies teacher and completion of the AP Human Geography application. Summer reading packets and activities are required for all grades.**

The AP Human Geography curriculum is targeted for the college-bound student who is seeking a class with college rigor while enrolled in high school. The year-long course will count as one-credit general social studies elective. Concurrent or past enrollment in a Pre AP English course is required. In addition, it is highly recommended that a grade of B or better was earned in your previous English and Social Studies courses. The scope of the Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, uses, and alterations of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students are encouraged to take the advanced placement exam for college credit. (NCAA approved core course)

**5321 AFRICAN AMERICAN HISTORY****½ CR****GRADE: 11-12**

Beginning with a view of African Americans in U.S. culture, students will learn about slavery, the Antebellum period, the Civil War, Reconstruction. In addition students will study the Nadir Period, the Harlem Renaissance, the Civil Rights Movement, and the current issues facing the African American community today. These topics will be understood through a variety of activities and project based lessons in order to understand and appreciate African American History.

**5331 LEADERSHIP EXPLORATION AND DEVELOPMENT (L.E.A.D)****½ CR****GRADE: 11-12**

This course is designed to introduce students to the idea of leadership and how they can apply that to developing their own leadership skills. The course will inform students about the different styles of leadership, famous examples of leadership from the world and the application of leadership skills through activities and projects.

**0525 PSYCHOLOGY****½ CR****GRADES: 11-12**

Psychology is a course where students learn about themselves, who they are, and why people behave the way they do. Besides covering the theories of psychology, the brain and how it works, students learn how to improve their self-esteem, manage anger, and control their stress levels. Assertive training, goal setting, listening skills as well as study skills are taught. In addition, the course covers the psychology of motivation and learning, psychological disorders, childhood experiences and development. The class also invites several guest speakers to discuss a variety of psychological concepts. (NCAA approved core course)

**5261/5262 AP PSYCHOLOGY****1 CR****GRADES 11-12****Prerequisite: Biology with a grade of A- or better, and Social Studies and English teacher recommendations. All students interested in this course must fill out an A.P. Psychology application.**

AP Psychology is designed to be the equivalent of a first year college course. Enrollment is limited to a select number of students who enjoy science and social studies, have a strong work ethic, and are interested in learning about psychological concepts and the ethics and methods psychologists use in their science and practice. Upon completion of this intensive course, students are strongly encouraged to take the Advanced Placement exam in May for college credit. (NCAA approved core course)

**0515 SOCIOLOGY**

**½ CR**

**GRADES: 11-12**

Sociology is the study of human behavior in group situations. In this class, students will examine how other people influence the development of their attitudes, beliefs, and personalities. Emphasis is on American social behavior. (NCAA approved core course)

**0510 LAW AND SOCIETY**

**½ CR**

**GRADES: 11-12**

This course is designed to focus on the various aspects of the criminal justice system. The issues that will be investigated include crime and criminal behavior, police functions, courts, pre-trial and post-trial procedures, rights of the accused, and corrections. (NCAA approved core course)

# WORLD LANGUAGES

Grand Blanc High School offers:

- Three year program in Chinese
- Five year program in French
- Five year program in German
- Five year program in Spanish
- Additional languages through the GenNet program

The intent of our World Languages program is to reach as many students as possible. A good background in a world language provides students with broadened knowledge in many other areas and prepares them for life and higher education. There are many career advantages to knowing a world language. American industry, business, and governmental interests reach into every part of the globe where having knowledge of French, German, or Spanish would be beneficial.

Almost anyone can learn a world language. This learning experience will include all cultural, social, and historical aspects of the language.

## SUGGESTED COURSE SEQUENCE

GRADE	CLASSES
<b>9</b>	Chinese I French I & II German I & II Spanish I & II
<b>10</b>	Chinese I & II French II & III German II & III Spanish II & III
<b>11</b>	Chinese I, II, III French III & IV German III & IV Spanish III AP & IV AP AP Spanish Literature and Culture
<b>12</b>	Chinese I, II, III & IV French IV & V German IV Spanish IV AP & AP AP Spanish Literature and Culture



## Chinese

**2361/2362 CHINESE I** **1 CR**  
**GRADE: 9-12**

Novice Level: Michigan World Language Standards and Benchmarks

This class provides students with immediate useful language skills in Chinese. Students will be able to communicate in basic sentences. The tasks are based on functioning in real situations. Assignments and assessments will address all communication skills: listening, speaking, reading, writing, and culture. (NCAA approved core course)

**2363/2364 CHINESE II** **1 CR**  
**Grades: 9-12**

**Prerequisite: Chinese I**

Novice-High Level: Michigan World Language Standards and Benchmarks

This class is a continuation of Chinese I. Advances will be made in grammar and communicative structures in order to improve communication. Students will be able to communicate in short paragraphs. Students are encouraged to interact with others in Chinese. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2365/2366 CHINESE III** **1 CR**  
**Grades: 11-12**

**Prerequisite: C- or better in Chinese I and II or teacher recommendation**

Intermediate Level: Michigan World Language Standards and Benchmarks

This class provides students with skills to effectively communicate about topics beyond everyday social and survival situations. Students will be able to communicate in paragraph form using complex sentence structures and increasing vocabulary. Students will use authentic materials to develop their language skills. Students will work toward oral fluency through conversation, discussion, and oral presentations. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. *Summer reading packets and activities are required for all grades.* (NCAA approved core course)

**2367/2368 Chinese IV** **1 CR**  
**Grades: 12**

**Prerequisite: C- or better in Chinese II and III or teacher recommendation**

This class provides students with skills to effectively communicate about topics beyond everyday social and survival situations. Students will continue to develop their communicative skills both in spoken and written Chinese and to establish a solid base for more advanced language learning. They will also build fluency in formulating and creatively expressing their ideas in Chinese on a variety of topics. Students will use authentic materials to develop their language skills throughout the year. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

## French

**2011/2012 FRENCH I** **1 CR**  
**Grades: 9-12**

**Novice Level: Michigan World Language Standards and Benchmarks**

This class provides students with basic language skills to carry out everyday social and survival tasks. Students will be able to communicate about present and near future events in basic sentences. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2021/2022 FRENCH II** **1 CR**  
**Grades: 9-12**

**Prerequisite: C- or better in French I or teacher recommendation**

**Novice-High Level: Michigan World Language Standards and Benchmarks**

This class is a continuation of French I. Advances will be made in grammar and communicative structures in order to improve communication. Students will be able to communicate in present, near future and the past tense in short paragraphs. Students are encouraged to interact with others in French. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2031/2032 FRENCH III** **1CR**  
**Grades 10-12**  
**Prerequisite: C- or better in French I and II or teacher recommendation**  
**Intermediate Level: Michigan World Language Standards and Benchmarks**  
This class provides students with skills to effectively communicate about topics beyond everyday social and survival situations. Students will be able to communicate in a variety of verb tenses, such as: imperfect, subjunctive, future and conditional in paragraph form. Students will use authentic materials to develop their language skills. In this level, there will be an introduction to Francophone literature. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2041/2042 FRENCH IV** **1 CR**  
**Grades: 11-12**  
**Prerequisite: C- or better in French I, II and III or teacher recommendation**  
**Intermediate-Mid Level: Michigan World Language Standards and Benchmarks**  
This class is generally taught in conjunction with French V as a 2-year loop of curriculum. Students continue to make progress toward a greater proficiency in a variety of contexts and structures using French civilization as a basis. Students will be expected to write essays and discuss topics in French. Literature selections and authentic materials supplement the text and develop the students' abilities in the language. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2051/2052 FRENCH V** **1CR**  
**Grades: 12**  
**Prerequisite: C- or better in French I, II, III and IV or teacher recommendation**  
**Intermediate-High Level: Michigan World Language Standards and Benchmarks**  
This class is generally taught in conjunction with French IV as a 2-year loop of curriculum. Students continue to make progress toward a greater proficiency in a variety of contexts and structures using French civilization as a basis. Students will be expected to write essays and discuss topics in French. Literature selections and authentic materials supplement the text and develop the students' abilities in the language. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. Students are strongly encouraged to listen to and watch Francophone programs outside of class. (NCAA approved core course)

## German

**2111/2112 GERMAN I** **1 CR**  
**GRADES: 9-12**  
**Novice Level: Michigan World Language Standards and Benchmarks**  
This class provides students with basic language skills to carry out everyday social and survival tasks. Students will be able to communicate about present and near future events in basic sentences. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2121/2122 GERMAN II** **1 CR**  
**GRADES: 9-12**  
**Prerequisite: German I and a C- or better on previous course or teacher recommendation**  
**Novice-High Level: Michigan World Language Standards and Benchmarks**  
This class is a continuation of German I. Advances will be made in grammar and communicative structures in order to improve communication. Students will be able to communicate in present, near future and the past tense in short paragraphs. Students are encouraged to interact with others in German. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2131/2132 GERMAN III** **1 CR**  
**GRADES: 10-12**  
**Prerequisite: German I and II and a C- or better on previous course or teacher recommendation**  
**Intermediate Level: Michigan World Language Standards and Benchmarks**  
This class may be taught in conjunction with German IV as a 2-year loop of curriculum. This class provides students with skills to effectively communicate about topics beyond everyday social and survival situations. Students will be able to communicate in multiple verb tenses in paragraph form. Students will use authentic materials to develop their language skills. In this level, there will be an introduction to literature from the German-speaking world. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2141/2142 GERMAN IV** **1 CR**  
**GRADES: 11-12**

***Prerequisite: German I, II and III and a C- or better on previous course or teacher recommendation***

*Intermediate-Mid Level: Michigan World Language Standards and Benchmarks*

This class may be taught in conjunction with German III as a 2-year loop of curriculum. Students continue to make progress toward a greater proficiency in a variety of contexts and structures. Students will be expected to write essays and discuss topics in German. Literature selections and authentic materials supplement the text and develop the students' abilities in the language. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

## **Spanish**

**2311/2312 SPANISH I** **1 CR**  
**GRADES: 9 – 12**

***Novice Level: Michigan World Language Standards and Benchmarks***

This class provides students with basic skills and vocabulary to carry out everyday social and survival tasks. Students will be able to communicate about present and near future events in basic sentences. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2321/2322 SPANISH II** **1 CR**  
**GRADES: 9 – 12**

***Prerequisite: SPANISH I with a C- or better or instructor's approval. Taking this course consecutively is also highly recommended.***

*Novice-High Level: Michigan World Language Standards and Benchmarks*

This class is a continuation of Spanish I. Advances will be made in grammar, vocabulary and communicative structures. Students will be able to communicate in the present and past tenses. Students are encouraged to interact in Spanish. Assignments and assessments will address all communication skills: reading, writing, speaking, listening and culture. (NCAA approved core course)

**2331/2332 SPANISH III** **1 CR**  
**GRADES: 9 – 12**

***Prerequisite: Spanish I and II with a C- or better or instructor's approval. Taking this course consecutively is also highly recommended.***

The content of this course is designed for very able and interested students. The material covered will provide students with the skills to effectively communicate about topics beyond everyday social and survival situations. Vocabulary acquisition will be the primary focus of the class with an emphasis on speaking the target language as well as mastery of basic verb tenses / moods. Students will use authentic materials to develop their listening and reading skills and cultural knowledge. Students will be assessed on their daily (oral) use of the target language. *Students will be required to complete additional work for the course during the summer.* (NCAA approved core course)

**2341/2342 SPANISH IV** **1 CR**  
**GRADES: 10 - 12**

***Prerequisite: Spanish I, II, III with a C- or better or instructor's approval. Taking this course consecutively is also highly recommended.***

This course is designed for students interested in taking the AP Spanish Language exam or other college-level Spanish courses. The course builds on the approach, themes, structures and vocabulary skills learned in earlier levels of Spanish. It aims at moving students to a more abstract level of language usage at which they can learn to work with more extended discourse and to deal with the cultural, sociological, and practical aspects of the topics studied. The material is taught primarily in Spanish and students are required to use only Spanish during class. *Students will be required to complete additional work for the course during the summer.* (NCAA approved core course)

**2351/2352 AP SPANISH LANGUAGE****1 CR****GRADES: 11 - 12**

***Prerequisite: Spanish I, II, III and IV with a C- or better or instructor's approval. Taking this course consecutively is also highly recommended.***

AP Spanish Language is a course intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. The content of this course is designed to help prepare students to demonstrate their level of Spanish proficiency through various modes of communications (interpersonal, interpretive, and presentational). A thorough review of grammar is provided with continued emphasis on vocabulary acquisition. This course is comparable to a third year college and/or university course, focusing primarily on speaking and writing proficiency at an advanced level. The material is taught almost entirely in Spanish and students are expected to speak exclusively in the target language on a daily basis. *Students will be required to complete additional work for the course during the summer.* Students are encouraged to take the advanced placement exam for college credit.

**2361/2362 AP SPANISH LITERATURE AND CULTURE****1 CR****GRADES: 11 - 12**

***Prerequisite: Spanish I, II, III and IV (AP Spanish Language highly recommended) with a C- or better or instructor's approval. Taking this course consecutively is also highly recommended.***

This course is comparable to a third year college and/or university survey course, focusing primarily on giving the students the opportunity to explore major works of literature in all the principal literary genres – short stories, drama, novels, essays, and poetry – by writers from around the Hispanic world. Students will read works from the Middle Ages to the 20<sup>th</sup> century and learn about the major literary movements throughout history. Students will learn the vocabulary necessary to talk and write about literature and be exposed to art, music, film, and other cultural products that relate to the literary works being studied. The material is taught almost entirely in Spanish and students are expected to speak exclusively in the target language on a daily basis. Students are encouraged to take the advanced placement exam for college credit.