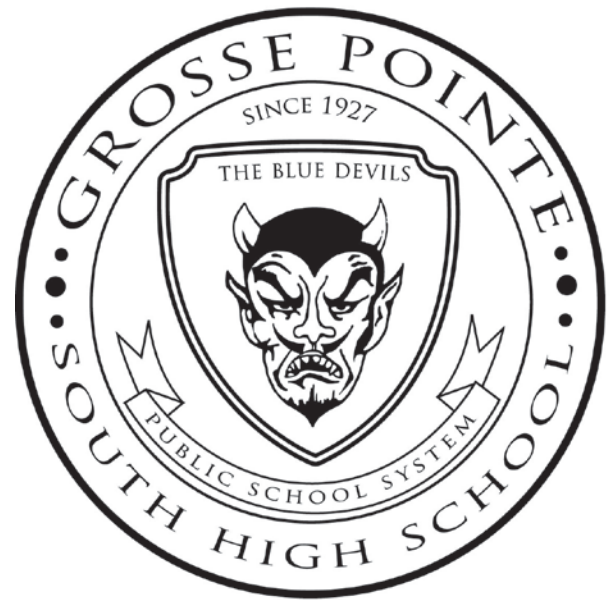
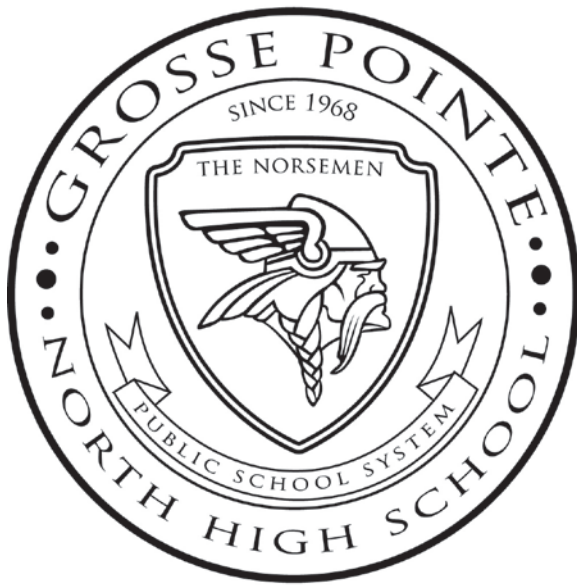


Program of Studies

2015-2016



Grosse Pointe High Schools

THE GROSSE POINTE PUBLIC SCHOOL SYSTEM

HIGH SCHOOL

PROGRAM OF STUDIES

2015-2016

Department of Instruction
Maureen Bur, Director of Instruction (Pre K – Elementary)

VISION STATEMENT

The vision of the Grosse Pointe School System is to help all students be successful learners and leaders, today and tomorrow.

MISSION STATEMENT

The Grosse Pointe Public School System mission – in partnership with students, staff, parents, and community members – is to challenge all students to realize their full potential by providing them with the highest quality educational program and instruction.

2015-2016
HIGH SCHOOL PROGRAM OF STUDIES
GROSSE POINTE NORTH & GROSSE POINTE SOUTH
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THE GROSSE POINTE BOARD OF EDUCATION

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Mr. Christian Fenton	Deputy Superintendent – Business Operations	432-3080
Dr. M. Jon Dean	Deputy Superintendent – Educational Services and Labor Relations	432-3020
Ms. Maureen Bur	Director of Instruction (PreK – Elementary)	432-3042
Ms. Stefanie Hayes	Director – Student Services	432-3851

HIGH SCHOOL ADMINISTRATION

GROSSE POINTE NORTH HIGH SCHOOL

707 Vernier Road, G.P. Woods 48236

PHONE: 432-3200 FAX 432-3202

Ms. Kate Murray, Principal 432-3204

Mr. Brian Shelton, Asst. Principal-Athletics, 432-3216

Mr. Tom Beach, Asst. Principal, 432-3213

Mr. David Reed-Nordwell, Asst. principal, 432-3211

COUNSELORS

Ms. Barbara Skelly - North (Dept. Chair), 432-3221

Ms. Jill Davenport - North, 432-3225

Ms. Joyce Lyjak - North, 432-3223

Ms. Milissa Pierce - North, 432-3226

Mr. Brian White – North, 432-3222

GROSSE POINTE SOUTH HIGH SCHOOL

11 Grosse Pointe Blvd., G.P. Farms 48236

PHONE: 432-3500 FAX 432-3502

Mr. Moussa Hamka, Principal 432-3504

Mr. Jeremy Hawkins, Asst. Principal-Athletics, 432-3540

Ms. Debbie Redlin, Asst. Principal, 432-3513

Mr. Terry Flint, Asst. Principal, 432-3511

COUNSELORS

Ms. Anne Mabley - South, 432-3526

Mr. Eric Burson - South, 432-3524

Ms. Catherine Lewis - South, 432-3523

Ms. Elizabeth Walsh-Sahutske - South, (Dept. Chair) 432-3522

Mr. Troy Glasser - South, 432-3521

HIGH SCHOOL DEPARTMENT CHAIRS

ART	Mr. Tom Szmrecszanyi - South, 432-5309 (6-12) Ms Kit Aro - South, 432-5545 (6-12)	Ms. Susan Forrest - North , 432-5821 (6-12)
BUSINESS/TECH ED	Ms. Michelle Davis - North, 432-5323	North and South End (6-12)
ENGLISH	Mr. Geoffrey Young – North, 432-5761	Mr. Harry Campion - South, 432-3686
LIBRARY	Ms. Amanda Pata – North, 432-5441	North and South End (6-12)
LIFESKILLS	Ms. Andrea Sobotka - Parcels, 432-5689	North and South End (6-12)
MATHEMATICS	Mr. Greg Johnson - North, 432-5442 Ms. Catherine Vernier – North, 432-5776	Mr. Allan Vassel - South, 432-5495 Mr. David Martin - South, 432-5522
PERFORMING ARTS	Mr. John Donnellon - North, 432-5335	Ms. Carolyn Gross - South, 432-5582
PHYSICAL EDUCATION	Ms. Ann Starinsky – North, 432-5689	Ms. Gina Francis – Brownell, 432-5371 (South End)
SCIENCE	Mr. Don Pata - North, 432-5585	Mr. James Adams - South, 432-5204
SOCIAL STUDIES	Ms. Terri Steimer - North, 432-5458	Ms. DeEtte Nardone - South, 432-5430
WORLD LANGUAGES	Mr. Mike Spears - North, 432-5599 (K-12)	Ms. Bettina Amato - South, 432-3670 (K-12)

NON-DISCRIMINATION POLICY

The Grosse Pointe Public Schools System does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

The following person has been designated to handle inquiries regarding the non-discrimination policies:

Director of Student Services
20090 Morningside
Grosse Pointe Woods, MI 48236
Phone: 313-432-3851
Email: Stefanie.hayes@gpschools.org

If the individual filing the grievance alleges that the Section 504/ADA coordinator has engaged in discrimination, then the individual filing the grievance must provide the documentation to the Deputy Superintendent for Educational Services at:

Deputy Superintendent for Educational Services
389 St. Clair
Grosse Pointe, MI 48230
(313) 432-3016

PROGRAM ACCESS

The Grosse Pointe School System is dedicated to providing educational programs that maximize students' opportunities for academic growth. Middle and high school counselors work with students to assist them in making course selections that are appropriately challenging and meet their individual needs.

The Superintendent has directed that the high schools work cooperatively to maintain a schedule of comprehensive course offerings at both high schools. Low enrollment in a particular course may cause cancellation of that course at one or both high schools. In that case, if the course is offered at only one school, or when it is not possible to arrange a student's schedule to take a course, the student may take the course at the other campus. When students elect to take a course at the other campus, the administration will make every attempt to offer the courses at the beginning or end of the day. However, transportation remains a parental responsibility. It may be necessary to adjust the starting time for first-hour high school classes if the class includes students from the other high school. The adjusted starting time ensures adequate time for safe travel between buildings. Parents will be notified as soon as possible if the starting time is adjusted.

Semesterization of Credit and Grades

Credit for all classes is posted on student's transcripts at the end of each semester. Students receive .5 credits and a final grade at the end of **each** semester. This applies both to year-long and semester courses. For instance, a student taking American Legal System (a semester course) will receive .5 credits after successfully completing the course. A student taking U.S. History (a year-long course) will have .5 credits and a final semester grade posted to his/her transcript in January and .5 more credits and a second semester grade posted to his/her transcript in June. In determining the semester grade, each quarterly marking period counts as 40%, and the end-of-semester assessment/exam counts as 20% of the final semester grade. The two semester grades for a year long course both appear on the student's transcript and are both used in calculating the student's cumulative grade point average. Students in year-long courses are generally assigned the same teacher for the entire year, most often in the same class period.

Auditing a Class

With the written permission of the school principal, a student may audit a class rather than earn credit for it. The audited class fulfills the student's requirement to attempt 60 hours. However, no grade is assigned for an audited class, and no credit is earned. An audited class is shown on the student's transcript as AUDIT.

A request for permission to audit a class must be submitted to the school principal in writing in advance of the class. The principal will grant permission if the class is an appropriate placement for the student and there is room in the class. To receive permission to audit, the student must agree to maintain good attendance, observe all class rules, keep up with assigned work, and take all class tests. If a student does not meet these requirements in reasonable fashion, he or she is subject to immediate loss of the audit privilege for this class.

Improvement of a Grade

If a student re-takes a high school course, the new grade, if higher, replaces the previous grade as long as the student has not passed a course higher in sequence since first taking the course. The replacement grade becomes the grade of record for the transcript and issued in computing the student's grade point average.

Although the majority of courses offered in the High School Program of Studies will take place exactly as described, parents and students should be aware that modifications may have to be made due to circumstances of enrollment, teacher availability, changes in state or local graduation requirements or modifications in scheduling. From time to time, changes are made in policies and requirements after approval of the Program of Studies. Key changes are publicized to students and parents via newsletters, the district website, news releases and direct mail.

In addition, changes must sometimes be made in a student's schedule after it has been issued in order to balance class size across sections. This may involve (a) assigning a student to a different existing class section with a reduced class size; or, (b) assigning a student to a newly created class section with a reduced class size. These assignments are made to equalize class size and therefore usually result in placing the students in a class with a lower teacher or student ratio than existed in the section from which the student was transferred. Balancing adjustments will take into account the disruption to a student's overall schedule and will only be carried out in those instances where the disruption to the overall schedule is minimized.

Certain courses may be taken out of sequence or grade level with Department Chair and Counselor approval.

ON-LINE COURSES

Approval of Credit for Select Online Courses for Students

Provision of credit for select online courses is intended to provide students with the flexibility and individualization that online credit opportunities can offer while incorporating criteria that ensure quality and consistency.

Students may enroll in either university or high school credit courses under the following regulations:

University Courses for Students with Dual Enrollment Eligibility: Under the current dual enrollment policies and regulations of the district, the district will allow credit for online courses that are offered for regular credit under programs by accredited universities or colleges and would be accepted for credit by their own instructional programs. Students should apply for permission to enroll in such online courses using the normal dual enrollment procedures of the district. (See your student's counselor for the procedure.) Some district payment will be available.

University Courses without Dual Enrollment Eligibility: Students who are not yet eligible for dual enrollment can apply for credit for online courses that are offered for regular credit under programs by accredited universities or colleges and would be accepted for credit by their own instructional programs. The district will not pay for the cost of classes taken under these regulations. The student must obtain permission to take the course during the semester prior to enrollment in the class.

High School Credit Courses or Courses that Don't Carry University Accreditation: Students may also take courses that are not from an accredited university or college or for courses which would not normally carry credit for the institution's regular programs at their own expense. For such courses, the procedure would be as follows:

- The student must be enrolled in a full 6 credit schedule during the regular school year in addition to the proposed online course. There is no minimum requirement for enrollment if the course is taken through summer school.
- When possible the student must obtain permission to take the course during the semester prior to enrollment in the class.
- In order to obtain permission, the student must submit a full syllabus of the course to the Department of Curriculum, Assessment and Instruction. This will be evaluated by district staff to ensure that it is comparable in standards and quality to courses of a similar nature offered within the district.
- The district may set a fee to cover the costs of the testing proctor or mentor and administration of the course enrollments.
- The district will monitor final assessments and/or projects in the courses unless it is satisfied with and provided prior approval for the oversights and controls that the sponsoring institution has put in place.

Under all the options above:

- Students are allowed to work on their online courses during school time and using district computers under the revised acceptable use policies.
- Pass/fail grading options may be exercised under existing regulations.
- A student may receive a maximum of 1 course credit for online courses during each school year or 1 course credit per semester with prior counselor approval. (This limit does not include credits taken during summer school.)
- Credit earned upon receipt of an official transcript shall be placed on the student's GPPSS transcript.

TEST-OUT AND TEST FOR CREDIT PROVISIONS

The Michigan Department of Education has set guidelines for testing out and testing for credit. The Grosse Pointe Public School System has aligned our Board Policy and Administrative Guidelines to the MDE's guidelines. For test-out and test for credit procedures, click on the following link:

<http://www.neola.com/grossepointe-mi/search/policies/po5460.htm>

Test Out and Test for Credit Provisions

Michigan law provides for "test out" and "test for credit" options as part of the Michigan Merit Curriculum. Students who apply for test out or test for credit must meet district timelines and requirements associated with these assessments. These opportunities apply only to courses that can be used for credit under the Michigan Merit Curriculum guidelines. Test out and test for credit assessments will be administered at times designated by the school administration and published in the Student Handbook. Arrangements to attempt test out or test for credit shall be made through the counseling office.

Testing Out (while NOT enrolled in the course)

When not enrolled in a course a student may apply to test out of the course. Credit will be granted if the student attains a grade of not less than C+ on the final exam in the course, or if there is no final exam, through the basic assessment used for the course, which may consist of a portfolio, paper, project, or other established means. Successful completion of a test out will result in the student earning credit, but not a grade, on his/her transcript.

Test for Credit (while enrolled in the course)

When enrolled in the course a student may apply to test for credit. Credit will be granted on a pass or fail basis if the student attains a grade of not less than C+ on an exam or series of exams used for assessment which the district has determined measure a student's proficiency in meeting the Michigan Merit course/content expectations. Successful completion of a test for credit will result in the student earning credit, but not a grade, on his/her transcript. The test for credit assessment may or may not be the final exam for a course, as determined on a course by course basis by the relevant department.

<p>A student may test out or test for credit a maximum of one time for each Michigan Merit Curriculum course.</p>
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DUAL ENROLLMENT

Under Section 21b of the State School Aid Act and Public Act 160 of 1991, a student in grades 9 - 12 may attend his or her high school and also concurrently enroll in a public or private Michigan postsecondary institution if the student has taken all High School Michigan Merit Exams prior to applying for Dual Enrollment (ACT, Work Keys tests in English and Math, and Michigan Tests in math, science and social studies) and has earned at least an endorsement on the test in the area of the postsecondary study. Dual enrollment postsecondary study is limited to academic or career and technical preparation courses and does not include courses about a hobby, craft, or physical education. Students will be eligible to enroll in courses in content areas for which there is no endorsement (i.e., computer science, foreign language, psychology, etc.) as long as they have taken all of the MME high school tests. Credit for dual enrollment may apply toward graduation requirements. The state legislation provides for limited reimbursement (based on the state portion of the district's annual foundation allowance) to eligible students to cover prorated tuition, course fees, material fees and registration fees, but not books, transportation, parking fees or activity fees. Interested students should apply to the school principal or designee.

Students who meet the criteria and elect dual enrollment may, in consultation with parents and counselors, make decisions about how the course will appear on their transcripts (i.e. grade or pass/fail) and whether it will count for graduation credit and/or the fulfillment of a high school requirement.

ANNUAL PARENT NOTIFICATION

State law now requires The Grosse Pointe Public School System to send the Michigan Department of Education, online, personally identifiable information about each of our students including name, address, telephone number, date of birth, grade level, teachers (K-3), attendance record, and certain disciplinary records.

The Michigan Department of Education has compiled this information into a single state data base in order to better evaluate and audit state and/or federally funded programs, enforce federal regulations, and measure public school performance. To protect privacy, the Department may not disclose confidential student information to other persons except for strictly approved research purposes.

ANNUAL NOTIFICATION OF PARENT AND STUDENT RIGHTS RELATED TO SCHOOL RECORDS

In accordance with the provisions of the Family and Educational Privacy Rights Act of 1974, eligible persons, i.e. students eighteen years of age or older or the parents or guardians of students under the age of eighteen, have the right to examine the official records of the school district which are directly related to that student. Specifically this Act mandates the following:

- 1) The right to have no records released to non-eligible agencies, institutions, or persons without prior consent.
- 2) The right to be informed of the release of records to all eligible agencies, institutions, or persons.
- 3) The right to challenge at any time the accuracy and fairness of student records.
- 4) The right of due process in matters related to student records.

Information concerning these rights is available in the Student Records Policy (Policy 8330) and accompanying GPPSS Administrative Regulations.

ANNUAL NOTIFICATION OF THE FAMILY AND EDUCATIONAL PRIVACY RIGHTS ACT

In accordance with the provisions of the Family and Educational Privacy Rights Act of 1974, The Grosse Pointe Public School System is required to give public notice of the type of information related to students that it considers “directory information” and thus available to the general public. Directory information includes the following data about the student: name, address, telephone number, picture, parent or guardian, date and place of birth, major field of study, weight, height, participation in and eligibility for officially recognized activities and sports, dates of attendance or grade placement, honors and awards received, and the most recent educational agency or school attended by the student. It is also possible that photographs or videotape of students may be broadcast or released to newspapers, web sites, and other media sources in connection with school activities, awards, and honors. In addition, two federal laws require local educational agencies (LEAs) receiving assistance under the Elementary and Secondary Education Act of 1965 (ESEA) to provide military recruiters, upon request, with three directory information categories – names, addresses and telephone listings – unless parents have advised the LEA that they do not want their student’s information disclosed without their prior written consent. If students or parents do not want to have directory information, photographs, or videotaped pictures made available to the public, with the exception of random group pictures such as at a sporting event from which it would be difficult to exclude specific pictures, they may have the directory information and photographs excluded by sending a notice to the Department of Support Services, The Grosse Pointe Public School System, 389 St. Clair, Grosse Pointe, MI 48230.

RESEARCH SKILLS

The high school library program is focused on developing methods to ensure that all students learn and maintain information seeking skills they will need as they move on to institutions of higher learning. Literacy skills provide learning experiences that direct students to lifetime practices of reading for pleasure as well as for information. The high school library curriculum stresses the importance of using quality sources from print, databases, and the Internet to best prepare students for high school and post-secondary success in research. Time is spent understanding copyright and plagiarism issues. Media Specialists work in concert with teachers to support the curriculum thus benefiting the students by teaching MLA citation in integrating 2.0 technologies with their lessons.

PRESIDENT’S COUNCIL UNIVERSITY ADMISSION REQUIREMENTS

The Presidents Council of the State Universities of Michigan recommends that students add a minimum of 2 years of foreign language in addition to the Michigan Merit Curriculum. The Grosse Pointe Schools graduation requirement incorporates the Michigan Merit Curriculum. Individual universities have their own recommendations and guidelines which can usually be found on their websites. Parents and students are encouraged to seek out information early in the student’s education from universities which may be of particular interest to them.

NCAA INITIAL - ELIGIBILITY CLEARINGHOUSE

There are specific course requirements for students who are considering participating in intercollegiate athletics (Division I or II) at a college or university. Students for whom this may be an option should consult with their counselor **each year** and obtain the list of NCAA approved courses for their school. It is very important that students alert their counselors of their interest and complete all the steps necessary to ensure their eligibility.

Students who may choose to participate in NCAA sports while in college should go to the NCAA website and register with the NCAA Eligibility Clearinghouse online at:

<http://www.ncaa.org/wps/wcm/connect/public/NCAA/Student-Athlete+Experience/Becoming+a+Student-Athlete/>
Students interested in playing college interscholastic athletics are encouraged to consult the website no later than the end of their junior year and register with NCAA after completing their junior year.

ADVANCED PLACEMENT INTERNATIONAL DIPLOMA: INFORMATION FOR STUDENTS AND PARENTS

The College Board, sponsor of the Advanced Placement examinations, offers an Advanced Placement International Diploma that students may obtain by meeting certain standards.

The Advanced Placement International Diploma (APID) is a globally recognized certificate for students with an international outlook. The APID challenges a student to display exceptional achievement on AP exams across several disciplines and is recognized by many universities worldwide. (A list is available on the AP website at http://www.collegeboard.com/student/testing/ap/exgrd_intl.html.) To earn an APID, students must earn grades of three or higher on at least five AP exams in three of the following categories: Languages, Mathematics, Science, History, Social Sciences, Global Perspectives, and Arts. More detailed information can be found at the website noted above.

The APID is available to students attending secondary schools outside the United States and to U.S. residency students applying to universities outside the country. At the current time, to earn an APID, a student attending school within the United States must indicate on at least one AP exam answer sheet that the results should be sent to a university outside the United States. The student is not required to actually attend or apply to the university – just to submit scores.

Students may already qualify or be close to qualifying for the AP International Diploma by meeting the requirements and arranging to have their scores sent to a university outside the country.

GRADUATION REQUIREMENTS AND RELATED RULES

Candidates for graduation must have earned a minimum of 21 units of approved credit and have been in a Grosse Pointe High School for at least the senior year. Special problems may be resolved by agreement between the Grosse Pointe principal and the principal of a student's previous school. Limited English proficient students should expect an additional year of study in order to complete all graduation requirements. Some modifications to the state requirements are allowed (indicated by an asterisk) under Personal Curriculum Plans. The Grosse Pointe Schools graduation requirements incorporate the full Michigan Merit Curriculum.

CREDITS NEEDED FOR GRADUATION

English	4
<ul style="list-style-type: none"> ▶ Freshman English ▶ American Literature and Composition <ul style="list-style-type: none"> ▶ Juniors – Either: <ul style="list-style-type: none"> ○ Power of Language ○ AP Literature and Composition ○ AP Language and Composition ▶ Electives 	1 1 1 (A student may fulfill this requirement with another English credit after their Counselor has determined that an alternate English credit is in the students' best interest <u>and</u> it is approved by both the Principal and English Department Chair). 1
Mathematics	4*
<ul style="list-style-type: none"> ▶ Algebra I ▶ Geometry ▶ Algebra II ▶ Math or math related credit in senior year 	1 1 1 .5 (If 3.5 credits or more have been earned prior to senior year) 1 (If less than 3.5 credits have been earned prior to senior year)
Science	3
	(Strongly recommended in 9 th grade but one year must be taken by 10 th grade)
<ul style="list-style-type: none"> ▶ Biology ▶ Chemistry or Physics ▶ One additional science 	1 1 1
Social Studies	3*
<ul style="list-style-type: none"> ▶ Government and Economics ▶ U.S. History and Geography ▶ World History and Geography 	1 (See Program of Studies for listing of courses and course combinations) 1 1
World Languages	2
	(Must be same language series - i.e. Spanish I and Spanish II)
Health Education	.5*
Physical Education	1*
Computers/Technology	.5
	(Computer class or competency demonstration)
Visual, Performing, or Applied Arts	1*
*Personal Curriculum Plan	<p>In accordance with State law, a plan developed by the parent(s), high school counselor, Principal or designee and agreed to by the parent(s) and superintendent or designee. It allows the following modifications:</p> <ul style="list-style-type: none"> ▶ Math may be modified to .5 credit Algebra II, Statistics, or Functions and Data Analysis. Note: Students may earn 2 math credits for Algebra II when the credit is earned over 2 years or 1.5 credits over 1.5 years, without requesting a personal curriculum. ▶ Social Studies may be modified only after completing 2 credits including Government and Economics. The student may then complete the requirement with 1 additional credit of English, Math, Science, or World Languages. ▶ Health and Physical Education may be modified if the student completes 1 additional credit of English, Math, Science, or World Languages. ▶ Visual, Performing, or Applied Arts may be modified if the student completes 1 additional credit of English, Math, Science, or World Languages.

Required courses identified above may be satisfied by designated, traditional, honors, college preparatory, essentials, or advanced placement versions of these courses.

VISUAL, PERFORMING, AND APPLIED ARTS REQUIREMENTS

Applied Arts: an inclusive term that refers to the application of design and aesthetics to the artistic/creative process and resulting in products of function and everyday use, such as ones that could be created through the Industrial Technology programs.

Performing Arts: a broad category that includes dance, music, and theatre, recognizing that each of these encompasses a wide variety of forms and sub-disciplines.

Visual Arts: a broad category that includes the creation of two and three dimensional works which are primarily visual in nature.

Qualifying Courses	
Actor's Workshop	Design With Fibers I, II
*Advanced Journalism I, II, III	Design With Metals I, II, III, IV
Advertising	Design With Sculpture I, II, III
AP Studio Art: Drawing	Drawing and Painting I, II, III, IV
AP Studio Art: 2-D Communication Design	*Engineering Graphics I, II, III, IV
AP Studio Art: 2-D Photography Design	Fashion and Fabrics I, II, III, IV
AP Studio Art: 3-D Design	Figure Drawing I, II
* Architecture I, II, III	Foods for Fitness II
Art Now	Interior Design/Housing
Art of Pastry and Dessert Preparation	Jazz Lab
Aspects of Acting	Marketing I, II, III
Ceramics I, II, III, IV, V, VI	Music Theory I, II, III, IV, V, VI
Chamber Choir	*Music Through Technology I, II, III
Choir – Advanced Mixed	Piano I
Choir – Advanced Women	Photography I, II, III
Choir – Beginning	Small Business Entrepreneurship
Choir – Intermediate Mixed	Sports and Entertainment Marketing
Communication Design I, II, III	Survey of Art History
Computer Graphics I, II, III, IV	Symphonic Band
Concepts and Materials in Art	Symphony Orchestra
Concert Band	TV Production I, II*, III, IV, V, VI
Concert Orchestra	Yearbook Journalism (NORTH)

MATH RELATED COURSES

Qualifying Courses	
Accounting I, II, III, IV	Honors Accounting (PILOT) NORTH
* AP Macroeconomics	* Honors Physics
* AP Microeconomics	Living on Your Own I, II
* AP Physics	* Physics
Business Finance	

* Asterisked courses may be eligible to fulfill more than one graduation requirement (i.e. Honors Physics may fulfil both a Mathematics and a Science requirement), but the student may only earn one credit.

It is recommended that each student participate in either an Advanced Placement, Dual Enrollment, Career and Technical Education class, or other post-secondary experience before graduating.

COMPUTER COMPETENCY REQUIREMENT

The district requires that students demonstrate competency with basic computer skills before entering high school. Middle School students are given a test which assesses basic skills with word processing, spreadsheets, e-mail, and online research. Those who do not demonstrate competency in each of these areas are given additional opportunities to learn these skills while in middle school through after school tutorials and/or summer school. Middle school students are given multiple opportunities to pass this computer competency test.

Students who enter the high school and have not demonstrated basic computer skill mastery are required to successfully take Keyboarding and Information Processing (#617) during their freshmen or sophomore year. This course is a requirement and satisfies the computer competency requirement for graduation.

Qualifying Courses	
Advanced Journalism I, II, III	Engineering Graphics I, II, III, IV
Advanced Programming I, II, III	Information Processing – Digital Technology I, II
Architecture I, II, III	Keyboarding and Information Processing
Beginning Programming	Music Through Technology I, II, III*
Digital Seminar (PILOT) NORTH	Survey of CAD (Computer Aided Design)
Computer Applications	Television Production II
Computer Graphics I, II, III, IV	Yearbook Journalism (NORTH)

* Asterisked courses may be eligible to fulfill more than one graduation requirement but may not be actually counted in more than one category.

NOTE: Additional courses may be certified after the publication of the Program of Studies and students should check with their counselors for additional information.

WEIGHTED GRADING FOR ADVANCED PLACEMENT COURSES

Grades and courses, which have the designation of Advanced Placement in their titles and follow the particular course content specified by the Educational Testing Service, are weighted with a multiplier of 1.1 in determining student grade point. For the weighting to become permanent and apply to the final grade the student must take the AP exam. No courses other than AP courses have weighted grades. Courses with a weighted grade include:

AP Advanced Programming III	AP Italian IV
AP Biology	AP Macroeconomics
AP Calculus AB	AP Microeconomics
AP Calculus BC	AP Music Theory
AP Chemistry	AP Physics
AP English: Language and Composition	AP Psychology
AP English: Literature and Composition	AP Spanish V
AP Environmental Science	AP Studio Art: Drawing
AP European History	AP Studio Art: 2-D Communication Design
AP French V	AP Studio Art: 2-D Photography
AP German IV	AP Studio Art: 3-D Design
AP U.S. History	AP U.S. Government and Politics

EARLY COMPLETION OF HIGH SCHOOL

Students who wish to complete four years of high school in less than four years MUST APPLY TO THE PRINCIPAL NO LATER THAN THE FIRST SEMESTER OF THEIR THIRD YEAR so that a program is designed for early high school completion that is in the student's best interest. Approval of the principal is required. An official diploma will not be issued or graduation ceremonies held until June.

CLASS RANKING STATUS

Class ranking is not reported by the Grosse Pointe Public School System.

GRADUATION WITH HONORS OR HIGHEST HONORS

Academic scholars are recognized at commencement ceremonies or other programs as members of the Academic Hall of Fame for graduating with a cumulative GPA of 4.0 or higher.

Seniors with a cumulative grade point average (GPA) of 3.0 through 3.49 as of the end of the first semester of their Senior Year will receive a diploma with a seal affixed which reads, "Honors".

Seniors with a cumulative grade point average of 3.5 and above at the end of the first semester will receive a diploma with a seal affixed which reads, "Highest Honors."

A final determination of qualification for an honors diploma will be made at the end of the senior year. Any student who qualifies for an honors diploma on the basis of completion of the senior year may request such a designation after graduation from the high school administration.

ENROLLMENT AND GRADE LEVEL STATUS

Course enrollment requirement for all students in grades 9, 10, 11, and 12, except as noted, is a minimum of 6 credits. Exception: Seniors enrolled in a co-op program may take 5 credits. At the end of each year, a student's transcript must show evidence of a minimum of 6 credits attempted.

At the end of the school year, credits earned determine the grade level classification for the beginning of the next school year.

<u>Grade Classification</u>	<u>Credits Earned</u>
10	At least 4 credits have been earned
11	At least 9 credits have been earned
12	At least 15 credits have been earned

COURSES SPECIFIC TO NORTH OR SOUTH HIGH SCHOOL

COURSES LISTED BELOW ARE OPEN TO STUDENTS AT BOTH SCHOOLS

NORTH		SOUTH	
Course #	Course Name	Course #	Course Name
016	Digital Seminar (PILOT)	110	Reading and Writing Through Athletics (PILOT)
172	Yearbook Journalism	120	Strategies for Reading and Writing (PILOT)
493	Applied Medical Research With Clinical Investigations	216	Latin I
494	Astronomy	217	Latin II
499	Adv. Topics in Astronomy	250	Latin III
611	Honors Accounting (PILOT)	252	Latin IV
		487	Investigations in Medicine
		811	Commercial Foods I
		812	Commercial Foods I 2 hr.
		813	Commercial Foods II
		814	Commercial Foods Co-op
		852	Small Engine Repair
		860	Survey of Engineering Graphics
		861	Engineering Graphics I
		862	Engineering Graphics II
		864	CAD Engineering
		865	Engineering Graphics III
		866	Engineering Graphics IV
		867	Architecture I
		869	Architecture II
		880	Architecture III

SUMMER SCHOOL OPPORTUNITIES

Numerous summer school opportunities for secondary students are offered for academic credit, enrichment, and skills strengthening. In recent years summer school has changed in significant ways. High school students may continue to make up a failing grade or improve a grade by retaking a course. Some classes may be taken for first-time credit. Courses of Independent Study are available through summer school in exceptional circumstances with the appropriate approvals. In addition, the summer school cooperates with the Michigan Virtual High School to provide a number of online courses for students.

Recent courses that have been offered in summer school have included the following: Freshman English, Algebra, Geometry, American Government and Economics, U.S. History, American Literature, Photoshop, and Health. Other courses may be offered, but all are dependent on sufficient enrollment to run.

A Summer school brochure is provided in early spring (www.gpschools.org). A limited number of brochures are available in school offices and counseling centers. Registration opens in late spring. Classes will be held in one of the district's school buildings.

Summer school classes for high school students run Monday – Friday and each class runs daily. Students should discuss summer school early with counselors if they are considering enrolling.

The regular four week GPPSS summer school session will tentatively take place

July 6 – July 31, 2015

Career Pathways

The courses that students choose in high school build the foundation for career and college decision-making. Career Pathways encourage students to explore careers, identify a possible direction, or pathway, to create opportunities for the future. If students discover that a particular pathway is not what they wanted, they are encouraged to explore other opportunities or pathways. High school is a good time to begin the process of career exploration so that as students reach graduation, they will be more prepared.

With the assistance of our counseling staff, students will be generating an Educational Development Plan (EDP). This EDP will serve as a guide as students plan their four years in high school as well as college and/or occupations and careers after high school graduation.

The following pages provide information on the six Career Pathways. Students and parents should review these Pathways before generating the Educational Development Plan (EDP). Students can also use these ideas to revise or change their direction. You can find out more information about the six pathways by visiting www.careercruising.com.

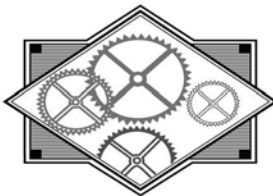
Arts and Communication



Business, Management, Marketing and Technology



Engineering/Manufacturing and Industrial Technology



Health Sciences

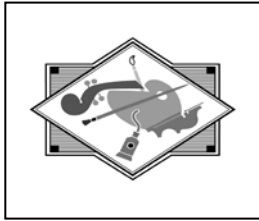


Human Services



Natural Resources and Agriscience





Arts and Communication

What is the Arts and Communication Pathway?

The Arts and Communication Pathway refers to Career fields and programs of study that are related to:

- Visual Arts
- Media Arts
- Literary Arts
- Performing Arts
- Humanities

Arts and Communication is a broad field and includes programs such as: Creative writing, film production, journalism, education, radio and television, broadcasting, advertising and public relations.

Is this Pathway for me?

People who are successful in Arts and Communication occupations possess some of the following traits:

- Work well with people
- Can work alone
- Have artistic and creative abilities
- Enjoy using computers and technology
- Are often imaginative and entrepreneurial
- Have effective communication skills
- Want to be part of a team
- Take on a leadership role on projects
- Have good hand/eye coordination

What Careers are in the Arts and Communication Pathway?

Sample careers in the Arts and Communication pathway include:

High School Diploma

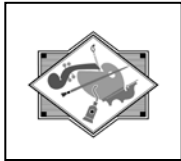
Floral Designer
 Hair Stylist/Cosmetologist
 Sign Painter
 Sign Painter

Associate's Degree (2 years of study)

Artist
 Graphic Design Technician
 Commercial Artist
 Fashion Merchandising
 Photographer
 Jeweler
 Digital video technician

Bachelor's Degree and Above (4 years or more of study)

Actor
 Advertising
 Commercial Artist
 Journalist
 Photographer
 Musician/Composer
 TV Production Director
 Animator
 Game designer
 Fashion Designer
 Art/Creative Director
 Product/Industrial Designer
 Architect
 Art Educator



Arts and Communication Pathway

Typical Four-Year Plan

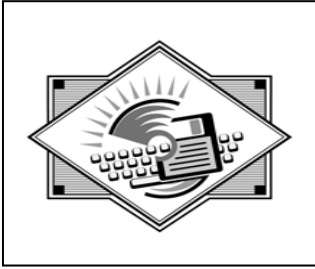
GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT
English	1	English	1	English	1	English	1
Mathematics	1	Mathematics	1	Mathematics	1	Mathematics	1
Science	1	Science	1	Science	1	Science	1
Social Studies	1	Social Studies	1	Social Studies	1	Social Studies	1
PE	1	Health	.5				

RECOMMENDED: 4 years of arts; 2-4 years of Foreign Language

Graduation requirements also include: .5 credit in Computers, 1 credit in the Arts (combination of Fine and Practical Arts)

POSSIBLE ELECTIVES:

Acting	Acting	Acting	Acting
Concepts & Materials in Art Art History	Communication Design (Advertising)	Communication Design (Advertising) AP Studio Art: Drawing	Communication Design (Advertising)
Choir	Art Concepts & Materials	AP Studio Art: 2-D Communication Design	AP Studio Art: Drawing
Debate	Art History	AP Studio Art: 2-D Photography Design	AP studio Art: 2-D Communication Design
Instrumental Music	Choir	AP Studio Art: 3-d Design	AP Studio Art: 2-D Photography Design
Jazz Lab	Computer Graphics	Art Concepts & Materials	AP Studio Art: 3-D Design
Journalism	Debate	Art History	Art Concepts & Materials
Music Technology	Drawing /Painting	Art Now	Art History
Music Theory	Instrumental Music	Career Technical Programs	Art Now
Photography	Jazz Lab	Choir	Career Technical Programs
TV Production	Journalism	Computer Graphics	Choir
	Music Technology	Drawing /Painting	Computer Graphics
	Music Theory	Instrumental Music	Drawing /Painting
	Photography	Jazz Lab	Instrumental Music
	TV Production	Journalism	Jazz Lab
		Music Technology	Journalism
		Music Theory	Music Technology
		Photography	Music Theory
		TV Production	Photography



Business, Management, Marketing and Technology

What is the Business, Management, Marketing and Technology Pathway?

The Business and Management Pathway refers to career fields and programs of study that are related to the business environment and includes fields such as:

- Sales and Marketing
- Economics
- Finance
- Hospitality and Tourism
- Computer Information Systems
- Administration and Management

Is this Pathway for me?

People who are successful in Business, Management, Marketing and Technology occupations possess some of the following traits:

- Work well with people
- Are well organized and able to meet deadlines
- Enjoy using computers and technology
- Can convince others to follow their lead
- Enjoy work that is detailed
- Work well under pressure
- Have effective communication skills
- Want to be part of a team
- Have effective decision-making skills
- Enjoy competition

What Careers are in the Business, Management, Marketing and Technology Pathway?

Sample careers in the Arts and Communication pathway include:

High School Diploma

Bank Teller
 Bookkeeper
 Computer Support Technician
 Food Service
 Insurance Agent
 Retail Sales
 Secretary
 Travel Agent

Associate's Degree (2 years of study)

Administrative Assistant
 Building Manager
 Chef
 Court Reporter
 Estimator
 Financial Management
 Hotel Management
 Medical Transcriptionist

Bachelor's Degree and above (4 years or more of study)

Account Manager
 Accountant
 Actuary
 Budget Analyst
 Market Researcher
 Public Relations
 Stock Broker
 Systems Analyst



Business, Management, Marketing and Technology Pathway

Typical Four-Year Plan

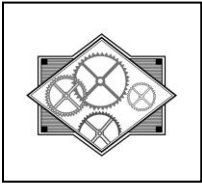
GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT
English	1	English	1	English	1	English	1
Mathematics	1	Mathematics	1	Mathematics	1	Mathematics	1
Science	1	Science	1	Science	1	Science	1
Social Studies	1	Social Studies	1	Social Studies	1	Social Studies	1
PE	1	Health	.5				

RECOMMENDED: 2-4 years of Foreign Language

Graduation requirements also include: .5 credit in Computers and 1 credit in the Arts.

POSSIBLE ELECTIVES:

Business Explorations	Accounting	Accounting	Accounting
Economics	Advertising	Advertising	Advertising
Journalism	Business Explorations	Business Administration	Business Administration
Marketing	Business Law	Business Finance	Business Finance
TV Production	Commercial Design	Business Law	Business Law
Word Processing	Computer Graphics	Career Technical Programs	Business Management
	Economics	Commercial Design	Career Technical Programs
	Journalism	Computer Graphics	Commercial Design
	Small Business Entrepreneurship	Computer Programming	Computer Graphics
	Sports and Entertainment Marketing	Economics	Computer Programming
	Marketing	Journalism	Cooperative Education
	TV Production	Small Business Entrepreneurship	Economics
	Information Processing	Sports and Entertainment Marketing	Journalism
	Yearbook Journalism	Marketing	Small Business Entrepreneurship
		TV Production	Sports and Entertainment Marketing
		Information Processing	Marketing
		Yearbook Journalism	TV Production
			Information Processing
			Yearbook Journalism



Engineering/Manufacturing and Industrial Technology

What is the Engineering/Manufacturing and Industrial Technology Pathway?

Careers in this pathway are related to technologies necessary to design, install, and maintain physical systems and includes such fields as:

- Architecture
- Manufacturing and Technology
- Drafting
- Mechanics and Repair
- Engineering
- Production and Construction

Is this Pathway for me?

People who are successful in Engineering and Industrial Occupations

- Think and solve problems in a logical manner
- Have good hand/eye coordination
- Enjoy work that is detailed
- Possess the art of persuasion
- Like to take things apart and put them together
- Are good at math and science
- Are curious about the way things work
- Can follow detailed diagrams

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What Careers are in the Engineering/Manufacturing, Industrial Technology Pathway?

Sample careers in the Arts and Communication pathway include:

High School Diploma

Auto Body Technician
 Carpenter
 Climate Control Mechanic
 Computer Repair Technician
 Machine Tool Setter
 Roofer
 Robot Technician
 Welder

Associate's Degree (2 years of study)

Auto Mechanic
 Chemical Technician
 Computer-Aided Designer
 Construction Inspector
 HVAC Technician
 Industrial Electronics Technician
 Manufacturers' Representative
 Pipe Fitter and Plumber
 Surveyor Technician

Bachelor's Degree and Above (4 years or more of study)

Architect
 Automotive Engineer
 Chemical Engineer
 Computer Systems Analyst
 Computer Programmer
 Construction Management
 Industrial Engineer
 Mechanical Engineer
 Surveyor



Engineering/Manufacturing and Industrial Technology Pathway

Typical Four-Year Plan

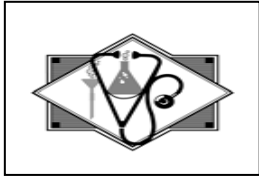
GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT
English	1	English	1	English	1	English	1
Mathematics	1	Mathematics	1	Mathematics	1	Mathematics	1
Science	1	Science	1	Science	1	Science	1
Social Studies	1	Social Studies	1	Social Studies	1	Social Studies	1
PE	1	Health	.5				

RECOMMENDED: 2-4 years of Foreign Language

Graduation requirements also include: .5 credit in Computers and 1 credit in the Arts.

POSSIBLE ELECTIVES:

Business Explorations	Accounting	Accounting	Accounting
Computer Programming	Business Explorations	Business Administration	Business Administration
Engineering Graphics	Computer Graphics	Business Law	Business Law
Small Engine Repair	Business Explorations	CAD Engineering	CAD Engineering
Survey of Engineering Graphics	Computer Graphics	Computer Graphics	Computer Graphics
	Computer Programming	Computer Programming	Computer Programming
	Engineering Graphics	Engineering Graphics	Dual Enrollment
	Intro to Basic Car Care	Robotics	Engineering Graphics
	Robotics	Small Engine Repair	Robotics
	Small Engine Repair	Survey of Engineering Graphics	Small Engine Repair
	Survey of Engineering Graphics		Survey of Engineering Graphics
			Trade and Industry Co-op



Health Sciences

What is the Health Sciences Pathway?

The Health Sciences Pathways refers to career fields and programs of study that are related to the promotion of health, as well as the treatment of injuries, conditions and diseases. It includes occupational fields such as:

- Medicine
- Dentistry
- Rehabilitation
- Fitness
- Nursing
- Nutrition
- Therapy
- Hygiene

Is this Pathway for me?

People who are successful in Health Sciences occupations possess some of the following traits:

- Work well with and enjoy helping people
- Are well organized and keep accurate records
- Work reasonably well under stress and crisis
- Like being given responsibility
- Are willing to learn and use new technology
- Have an interest in how the human body works
- Enjoy and do well in science and math classes
- Like working with their hands
- Understand and follow directions well
- Have effective decision-making skills
- Can follow established procedures

What Careers are in the Health Sciences Pathway?

Sample careers in the Arts and Communication pathway include:

High School Diploma

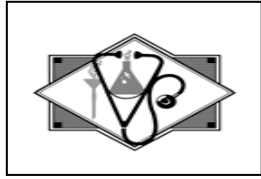
Clinical Assistant
 Dental Assistant
 Dietary Aide
 Home Health Aide
 Medical Office Assistant
 Nurses Aide
 Orderly

Associate's Degree (2 years of study)

Emergency Medical Technician
 Industrial Hygiene
 Licensed Practical Nurse
 Medical Technician
 Pharmacy Technician
 Occupational Therapist Assistant
 Surgical Technician
 Veterinary Assistant

Bachelor's Degree and Above (4 years or more of study)

Chemist
 Chiropractor
 Dentist
 Nursing
 Pharmacist
 Physical Therapist
 Physician
 Veterinarian



Health Sciences Pathway

Typical Four-Year Plan

GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT
English	1	English	1	English	1	English	1
Mathematics	1	Mathematics	1	Mathematics	1	Mathematics	1
Science	1	Science	1	Science	1	Science	1
Social Studies	1	Social Studies	1	Social Studies	1	Social Studies	1
PE	1	Health	.5				

RECOMMENDED: 2-4 years of Foreign Language

Graduation requirements also include: .5 credit in Computer and 1 credit in the Arts.

POSSIBLE ELECTIVES:

Food for Fitness	Child Development/Parenting	Career Technical Programs	Applied Medical Research With Clinical Investigations
	Commercial Foods	Child Care Services	Career Technical Programs
	Food for Fitness	Child Development/Parenting	Child Care Services
	Life Guard/Water Safety (WSI) Cert.	Commercial Foods	Child Development/Parenting
	Personal Fitness	Food for Fitness	Commercial Foods
	Photography	Life Guard/Water Safety (WSI) Cert.	Cooperative Education
		Living on Your Own/Money Mgt.	Dual Enrollment
		Microbiology	Food for Fitness
		Personal Fitness	Life Guard/Water Safety (WSI) Cert.
		Psychology	Living on Your Own/Money Mgt.
		Sociology	Medical Aides Co-op
			Microbiology
			Physiology
			Personal Fitness
			Psychology
			Sociology



Human Services

What is the Human Services Pathway?

The Human Services and Public Administration Pathway refers to career fields and programs of study that are related to economic systems, political systems, social services, and personal services. This is a broad field and includes programs such as:

- Education
- Law & Legal Studies
- Law Enforcement
- Child/Family Services
- Mental Health
- Religion

Is this Pathway for me?

People who are successful in the Human Services occupations possess some of the following traits:

- Enjoy helping people
- Work well in groups or teams
- Value the ability to make a difference with their work
- Possess good speaking and presentation skills
- Enjoy learning about the way people behave
- Enjoy speaking out for a cause
- Work reasonably well under pressure
- Enjoy solving problems
- Follow directions well
- Have effective decision-making skills

What Careers are in the Human Services Pathway?

Sample careers in the Arts and Communication pathway include:

High School Diploma

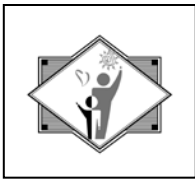
- Beauty Consultant
- Child Care Worker
- Corrections Officer
- Flight Attendant
- Sign Painter
- Food Service
- Mental Health Aide
- Recreational/Support Services

Associate's Degree (2 years of study)

- Civil Services
- Cosmetologist Management
- Crime Laboratory Technician
- Culinary Arts/Hospitality
- Law Enforcement
- Legal Assistant
- Security Administration
- Building Manager

Bachelor's Degree and Above (4 years or more of study)

- Anthropologist
- Counselor
- Criminal Justice
- Lawyer
- Lobbyist
- Psychologist
- Social Worker
- Teacher



Human Services Pathway

Typical Four-Year Plan

GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT
English	1	English	1	English	1	English	1
Mathematics	1	Mathematics	1	Mathematics	1	Mathematics	1
Science	1	Science	1	Science	1	Science	1
Social Studies	1	Social Studies	1	Social Studies	1	Social Studies	1
PE	1	Health	.5				

RECOMMENDED: 2-4 years of Foreign Language

Graduation requirements also include: .5 credit in Computers and 1 credit in the Arts.

POSSIBLE ELECTIVES:

Art	Anthropology	American Legal Systems	American Legal Systems
Fashion and Fabrics	Art	Art	Art
Food for Fitness	Child Development	Business Law	Business Law
TV Production	Commercial Foods	Career Technical Programs	Career Technical Programs
	Communication Design	Child Care	Child Care
	Fashion and Fabrics	Child Development	Child Development
	Food for Fitness	Commercial Foods	Commercial Foods
	Interior Design	Communication Design	Communication Design
	Psychology	Economics	Cooperative Education
	TV Production	Fashion and Fabrics	Economics
		Food for Fitness	Fashion and Fabrics
		History	Food for Fitness
		Interior Design	History
		Psychology	Interior Design
		Sociology	Psychology
		Sports/Entertainment Marketing	Sociology
		TV Production	Sports/Entertainment Marketing
			TV Production



Natural Resources and Agriscience

What is the Natural Resources and Agriscience Pathway?

The Natural Resources Pathways refers to career fields and programs of study that are related to the environment and natural resources and includes fields such as:

- Agriculture
- Earth Science
- Environmental Science
- Fisheries Management
- Forestry
- Horticulture
- Wildlife Management

Is this Pathway for me?

People who are successful in Natural Resources occupations possess some of the following traits:

- Work well on their own or with a few people
- Like to study things and figure out how they work
- Like discovering how things grow and thrive
- Enjoy working outdoors and in nature
- Are willing to learn and use new technology
- Enjoy and do well in science and math classes
- Like working with their hands
- Enjoy physical activity

What Careers are in the Natural Resources and Agriscience Pathway?

Sample careers in the Arts and Communication pathway include:

High School Diploma

Animal Caretaker
Forestry Technician
Greenhouse/Nursery Assistant
Landscape Architect
Parks and Recreation Assistant

Associate's Degree (2 years of study)

Conservation Officer
Farm Manager
Golf Course Management
Landscape Design Assistant
Nursery Worker

Bachelor's Degree and Above (4 years or more of study)

Agricultural Engineer
Agriculture Extension Agent
Archaeologist
Botanist
Conservation Officer
Geologist
Horticulturist
Landscape Architect
Meteorologist



Natural Resources and Agriscience Pathway

Typical Four-Year Plan

GRADE 9		GRADE 10		GRADE 11		GRADE 12	
COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT	COURSE	CREDIT
English	1	English	1	English	1	English	1
Mathematics	1	Mathematics	1	Mathematics	1	Mathematics	1
Science	1	Science	1	Science	1	Science	1
Social Studies	1	Social Studies	1	Social Studies	1	Social Studies	1
PE	1	Health	.5				

RECOMMENDED: 2-4 years of Foreign Language

Graduation requirements also include: .5 credit in Computers and 1 credit in the Arts.

POSSIBLE ELECTIVES:

Art	Accounting	Accounting	Accounting
Business Explorations	Art	AP Environmental Science	AP Environmental Science
Computer Programming	Anthropology	Art	Art
Engineering Graphics	Astronomy	Anthropology	Anthropology
Food for Fitness	Business Explorations	Astronomy	Astronomy
Small Engine Repair	Computer Programming	Business Administration	Business Administration
	Environmental Science	Business Explorations	Business Explorations
	Photography	Business Law	Business Law
		CAD Engineering	CAD Engineering
		Environmental Science	Cooperative Education
		Geology	Environmental Science
		Microbiology	Geology
		Photography	Microbiology
			Photography

ART

CONCEPTS AND MATERIALS IN ART

Pre-requisite for Ceramics, Communication Design, Computer Graphics, Design with Fibers, Design with Metals, Design with Sculpture, Drawing and Painting, and Figure Drawing

ART HISTORY

Survey of Art History

CERAMICS

Ceramics I, II, III, IV, V, VI
AP Studio Art: 3-D Design

COMMUNICATION DESIGN

Communication Design I, II, III
AP Studio Art: 2-D Communication Design

COMPUTER GRAPHICS

Computer Graphics I, II, III, IV
AP Studio Art: 2-D Communication Design

DESIGN WITH FIBERS

Design with Fibers, I, II
AP Studio Art: 3-D Design

ART NOW

No pre-requisite required. Only open to students in their Junior and Senior years.

DESIGN WITH METALS

Design with Metals I, II, III, IV
AP Studio Art: 3-D Design

DESIGN WITH SCULPTURE

Design with Sculpture I, II, III, IV

DRAWING AND PAINTING

Drawing and Painting I, II, III, IV
AP Studio Art: Drawing

FIGURE DRAWING

Figure Drawing I, II, III, IV
AP Studio Art: Drawing

PHOTOGRAPHY

Photography I, II
AP Studio Art: 2-D Photography Design

700 – SURVEY OF ART HISTORY

**Visual, Performing and Applied Art Credit
.5 CREDIT**

This semester course is intended to give students an overview of art from ancient to modern times and focuses primarily on art of the Western hemisphere. The survey explores the fields of painting, sculpture, architecture, and decorative arts as visible expressions of the eras that produced them. The course is lecture and discussion oriented, utilizing a textbook, films, slides, actual art work, and hands-on studio experiences. Field trips and visiting artists are scheduled when possible. This course is excellent preparation for students planning to enter college.

At South, this course is offered every other year only

701 – CONCEPTS AND MATERIALS IN ART

**Visual, Performing and Applied Art Credit
1 CREDIT**

This course is designed to serve as a foundation for the study of art in high school and is a prerequisite for most of the district's other high school art courses. It is intended for all students, whether they are interested in visual media as a possible career path or simply want to explore and create art. The essential components of good composition are stressed throughout the course as are creative thinking, visual literacy and problem solving. Students work in the areas of design, drawing, painting, ceramics, sculpture, mixed media, printmaking, fibers, and metals. Art history, criticism, and aesthetics are incorporated. A student who has demonstrated superior ability in art as well as a strong desire to learn may submit a portfolio of original work to the high school art teacher for a waiver of this introductory course.

704 – ART NOW

Grades 11 and 12

**Visual, Performing and Applied Art Credit
.5 CREDIT**

This course is intended for everyone who would like to experience the latest art from around the world and also create new and interesting art themselves, whether they're an "I can't draw a straight line" person or an accomplished student artist. Students in this class will explore the current art world from the perspective of both consumer and creator of visual imagery. Because images are multiplying at an extreme rate in the digital, computer-driven society in which we live, understanding and using images to communicate is increasingly important. How do artists create? Where do they get their ideas? What methods do they use to make their art? Answers to these questions and more will be the basis for explorations in digital media, traditional media, and mixed media.

ART (continued)

705 – CERAMICS I
706 – CERAMICS II
707 – CERAMICS III
708 – CERAMICS IV
709 – CERAMICS V
710 – CERAMICS VI

Prerequisite: Concepts and Materials in Art
Prerequisite: Ceramics I
Prerequisite: Ceramics II
Prerequisite: Ceramics III
Prerequisite: Ceramics IV
Prerequisite: Ceramics V

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Using various methods of construction including the potter's wheel, coil, slab, mold making, and sculpting, students create ceramic pieces such as covered jars, mugs, and bowls as well as non-functional wheel forms. Students will create ceramic sculpture in both animal and human forms, realistically and abstractly. Students learn to alter their work in ways reflective of their individual ideas and personality. Historically significant examples of ceramic artwork are viewed and critical and aesthetic perspectives are discussed. A wide range of glazes, oxides, and stains is available to students. In Ceramics II, III, IV, V, and VI, students mix glazes and explore alternate surface treatments and firing methods while working with stoneware and sometimes, porcelain clay. They learn "Raku," a Japanese pottery technique that emphasizes spontaneity and "controlled accidents" in ceramic work, and gain experience with kiln loading and firing, using electricity, gas, and possibly sawdust and wood. Advanced students develop work suitable for portfolio preparation.

711 – DRAWING and PAINTING I
712 – DRAWING and PAINTING II
713 – DRAWING and PAINTING III
714 – DRAWING and PAINTING IV

Prerequisite: Concepts and Materials in Art
Prerequisite: Drawing and Painting I
Prerequisite: Drawing and Painting II
Prerequisite: Drawing and Painting III

**Visual, Performing and Applied Art Credit
1 CREDIT**

Students work on two dimensional surfaces with a variety of drawing and painting materials including pencil, charcoal, pastels, colored pencils, conte crayon, ink, mixed media, water colors, and acrylics. Drawing and Painting I will emphasize observation and drawing skills, but will also provide students with an opportunity for personal and creative statements.

In Drawing and Painting II, III and IV, students may select subjects and materials for their independent projects while developing a more personal approach in their art work. Students are encouraged to prepare portfolios of their best work for art school applications, scholarship applications, job interviews, and their personal collection. In AP Studio, drawing students develop both breadth of skill and depth of concept.

715 – COMPUTER GRAPHICS I

Prerequisite: Concepts and Materials in Art

**Visual, Performing and Applied Art Credit
.5 CREDIT**

This semester course is intended for all students interested in doing artwork on computers. Computer literacy is helpful but not required. Draw-and-paint as well as digital imaging software will be explored on the computer. Photo, raster, and vector creation and manipulation will be explored as art and design. Creating and importing images with a scanner video camera or digital camera will be introduced. Assignments will be given in drawing, image manipulation, color and design. Animation may be explored. Work is produced for exhibition or portfolio by either printing or photographing it.

716 – COMPUTER GRAPHICS II
717 – COMPUTER GRAPHICS III
718 – COMPUTER GRAPHICS IV

Prerequisite: Computer Graphics I
Prerequisite: Computer Graphics II
Prerequisite: Computer Graphics III

**Visual, Performing and Applied Art Credit
.5 CREDIT**

These semester courses are intended to provide opportunities for advanced work in computer graphics for those students who have demonstrated strong ability in the use of graphic programs and are capable of self-directed work in a laboratory setting. Advanced alternate paint systems and electronic image input will be emphasized as students continue to expand their abilities in the computer graphic field. Projects may include animation and 3-D manipulation. There may be time for independent study in areas of the student's choice.

ART (continued)

720 – COMMUNICATION DESIGN I

Prerequisite: Concepts and Materials in Art

721 – COMMUNICATION DESIGN II
722 – COMMUNICATION DESIGN III

Prerequisite: Communication Design I
Prerequisite: Communication Design II

Visual, Performing and Applied Art Credit
1 CREDIT

Grades 10-11-12

Students in Communication Design I gain a working knowledge of the principles of design, applying them to two and three dimensional problems in the field of communication art and graphic design. Solving visual problems is an important part of this course as they focus on text and layout within the finished product. Students design a variety of pieces for real world application such as greeting cards, posters, CD covers, personal logos, packaging, and magazine ads. They use a variety of traditional techniques and materials: ink, watercolor, acrylics, air brush, colored pencils, markers, and mixed media. Students will also incorporate image and text using computer graphics programs. Communication Design II and III students work on advanced problems, often on independent projects of their choice. Advanced students are encouraged to organize portfolios of their best work for college/art school applications, scholarship applications, or job interviews.

729 – DESIGN WITH FIBERS I
730 – DESIGN WITH FIBERS II

Prerequisite: Concepts and Materials in Art
Prerequisite: Design with Fibers I

Visual, Performing and Applied Art Credit
.5 CREDIT

In Fibers I, students will explore various methods of surface design and fiber production. Students will be dyeing fabric while exploring either batik or tie-dye. Students may also learn to create other surface designs by marbling, fabric painting, or creative stitching. By weaving on a variety of looms, from simple tapestry looms to harness looms, students will learn a variety of weaving techniques. In addition, students will work with three-dimensional fiber production by creating either a felted piece, a basket of their design, soft sculpture, or wearable art. In Fibers II, students will build on their fiber knowledge and skills by working on more advanced projects in fiber. Students may have the option of working on specific projects of their choice.

At South, this course is offered every other year only

733 – DESIGN WITH METALS I
734 – DESIGN WITH METALS II
735 – DESIGN WITH METALS III
736 – DESIGN WITH METALS IV

Prerequisite: Concepts and Materials in Art
Prerequisite: Design with Metals I
Prerequisite: Design with Metals II
Prerequisite: Design with Metals III

Visual, Performing and Applied Art Credit
.5 CREDIT

Art students who wish to explore metal design learn basic metal working techniques: sawing, filing, soldering, forming, shaping, and bending. Historically significant examples of metal artwork are viewed and critical and aesthetic perspectives are discussed. Students work with copper, brass, and silver, as well as with wood and stone. Projects may include belt buckles, rings, pins, bowls, and boxes. In Design with Metals II, III, and IV, students have an opportunity to explore advanced metal techniques: lamination, lost wax casting, and constructed, carved, and forged forms. Students learn to reclaim precious metals by smelting. Sculptural forms are encouraged at this level as well as the more personalized items students may produce.

ART (continued)

737 – PHOTOGRAPHY I
738 – PHOTOGRAPHY II

Requirement: SLR camera is mandatory
Prerequisite: Photography I

Visual, Performing and Applied Art Credit
1 CREDIT

Grades 10-11-12

Photography I students learn the basic skills necessary to operate both digital and film, single lens reflex camera, to develop film, and to print traditional black and white photographs. In addition to learning the technical skills necessary for photography, students will learn about the ways in which photography can be used as a means of creative expression.

Assignments allow the student to explore a variety of equipment and materials in order to carry out their concepts. Students learn about the aesthetics of visual communication and how various photographers have used photography as a means of creativity and expression. Students may also explore digital manipulation through the use of design imaging software.

Photography II students learn advanced technical camera and darkroom procedures as they develop their personal styles; they also expand their knowledge from traditional photography concepts and techniques to advanced digital SLR camera use. Advanced studio lighting is also covered. Students are encouraged to work on photography portfolios that may be used for scholarship applications, photography/art school admissions, exhibitions, job applications, or personal sales.

740 – FIGURE DRAWING I
741 – FIGURE DRAWING II
742 – FIGURE DRAWING III
743 – FIGURE DRAWING IV

Prerequisite: Concepts and Materials in Art
Prerequisite: Figure Drawing I
Prerequisite: Figure Drawing II
Prerequisite: Figure Drawing III

Visual, Performing and Applied Art Credit (I and II only)
.5 CREDIT

Students in Figure Drawing I draw and paint the full figure and head using a variety of methods and materials: watercolor and/or acrylic, pen, pencil, charcoal, oil crayons, ink, and colored pencils as well as mixed media. Students work directly from models who are often members of the class. Images and scale models are used as an aid in teaching proportion and anatomy. Students see the way different artists have drawn the figure throughout different periods in art history. At all levels, both observation and imagination are emphasized. Students enrolled in Figure Drawing II, III, and IV have the opportunity to do advanced work. *At South, this course is offered every other year only*

744 – AP STUDIO ART: DRAWING

Prerequisite: Drawing and Painting I

Visual, Performing and Applied Art Credit
1 CREDIT

Grades 11 and 12

Advanced Placement Studio Art: Drawing is a college-level course which prepares students for the AP portfolio assessment offered each May. Successful performance on the portfolio assessment may result in college credit. Students strengthen their awareness of the elements and principles of design while developing a well-rounded fine art portfolio. Students will develop breadth through mastery of multiple techniques as well as depth of concept and style through a self-directed personalized concentration. They will also strive for professionalism and quality of product. The course will continue to build on the skills of visual communication through viewing, analyzing, and verbally explaining art during critiques and discussions. Students will explore the art works of historic and current professional artists. AP Studio Art: Drawing follows the guidelines established by the College Board.

ART (continued)

745 – AP STUDIO ART: 2-D COMMUNICATION DESIGN

Prerequisite: Drawing and Painting I

or

Communication Design I

or Computer Graphics I and II

**Visual, Performing and Applied Art Credit
1 CREDIT**

Grades 11 and 12

Advanced Placement Studio Art 2-D Communication Design is a college-level course which prepares students for the AP portfolio assessment offered each May. Successful performance on the portfolio assessment may result in college credit. Students strengthen their awareness of the elements and principles of design while developing a well-rounded portfolio. Students will develop breadth through mastery of multiple techniques as well as depth of concept and style through a self-directed personalized concentration. They will also strive for professionalism and quality of product. The course will continue to build on the skills of visual communication through viewing, analyzing, verbally explaining commercial design art during critiques and discussions. Students will explore the work of historic and current professional artists. AP Studio Art: 2-D Communication Design follows the guidelines established by the College Board.

746 – AP STUDIO ART: 2-D PHOTOGRAPHY DESIGN

Prerequisite: Photography I

Requirement: Student must have access to a film or digital SLR camera

**Visual, Performing and Applied Art Credit
1 CREDIT**

Grades 11 and 12

Advanced Placement Studio Art: 2-D Photography Design is a college-level course which prepares students for the AP portfolio assessment offered each May. Successful performance on the portfolio assessment may result in college credit. Students strengthen their awareness of the elements and principles of design while developing a well-rounded portfolio of their 2-D work in black and white film and in digital photography. Students will develop breadth through mastery of multiple techniques as well as depth of concept and style through a self-directed personalized concentration. They will also strive for professionalism and quality of product. The course will continue to build on the skills of visual communication through viewing, analyzing, and verbally explaining photographic art during critiques and discussions. Students will explore the photography of historic and current professional artists. AP Studio Art: 2-D Photography Design follows the guidelines established by the College Board.

747 – AP STUDIO ART: 3-D DESIGN

Prerequisite: Ceramics I or Fibers I or

Metals I or Sculpture I

**Visual, Performing and Applied Art Credit
1 CREDIT**

Grades 11 and 12

Advanced Placement Studio Art: 3-D Design is a college-level course which prepares students for the AP portfolio assessment offered each May. Successful performance on the portfolio assessment may result in college credit. Students strengthen their awareness of the elements and principles of design while developing a well-rounded portfolio of their 3-D work. Students will develop breadth through mastery of multiple techniques as well as depth of concept and style through a self-directed personalized concentration. They will also strive for professionalism and quality of product. The course will continue to build on the skills of visual communication through viewing, analyzing, and verbally explaining art during critiques and discussions. Students will explore the art works of historic and current professional artists. AP Studio Art: 3-D Design follows the guidelines established by the College Board.

749 – DESIGN WITH SCULPTURE I

Prerequisite: Concepts and Materials in Art

750 – DESIGN WITH SCULPTURE II

Prerequisite: Design with Sculpture I

756 – DESIGN WITH SCULPTURE III

Prerequisite: Design with Sculpture II

758 – DESIGN WITH SCULPTURE IV

Prerequisite: Design with Sculpture III

**Visual, Performing and Applied Art Credit (I, II, III only)
.5 CREDIT**

Students work in three-dimensional forms with paper, wood, plaster, clay, metal, and cement. Sculpture I students study the sculptural elements of space, form, movement, and surface texture. They explore the origin of materials as well as the relation of these materials to their new sculptural environment. Historically significant examples of sculpture are viewed and critical and aesthetic perspectives are discussed. Sculpture II, III, and IV students work with more complicated techniques while increasing the scale and complexity of their ideas. They gain experience with casting, mixed media construction, and both arc and gas welding. All students work in figurative (representational) and non-figurative (non-representational) sculpture. Advanced students are encouraged to develop work for portfolio preparation.

At South, this course is offered every other year only

BUSINESS AND TECHNOLOGY

EDUCATION

Business/Marketing Courses

Accounting I, II, III, IV
Honors Accounting (**PILOT**) (NORTH)
Advertising
Business Co-op
Business Explorations
Business Finance
Business Law
Business Management
Marketing I, II, III
Marketing Co-op
Small Business Entrepreneurship
Sports & Entertainment Marketing

Computer Courses

Information Processing – Digital Technology I, II
Keyboarding & Information Processing

Technology Education Courses

Architecture I, II, III (SOUTH)
Engineering Graphics I, II, III, IV (SOUTH)
Small Engine Repair (SOUTH)
Survey of CAD (Computer Aided Drafting) (SOUTH)
Trade and Industry Co-op

BUSINESS/MARKETING COURSES

600 – BUSINESS EXPLORATIONS

Grades 9-10

.5 CREDIT

Business Explorations is designed to introduce students to the world of business. This course will explore current trends, business challenges, and possible areas of future studies related to business. It examines all courses offered in Business Education providing students the opportunity to experience a variety of marketing and business careers. Students will be engaged in group projects using technology, classroom discussions, and activities related to professional career paths.

601 – SMALL BUSINESS ENTREPRENEURSHIP

Grades 10-11-12

Visual, Performing and Applied Art Credit

.5 CREDIT

Entrepreneurship is designed to take students step-by-step through the entire process of starting and running a business. Students will have the opportunity to begin a Virtual Business where they will be confronted with the realities of entrepreneurial challenges. Creating a business plan is covered extensively, and a business plan project is part of every unit. Students with business aspirations and career goals will benefit from the array of business topics addressed in Small Business. The final culminating project in this course will serve as a stepping stone to their future endeavors as an entrepreneur or in their chosen career in business.

607 – ACCOUNTING I

Math Related Credit

.5 CREDIT

Accounting I acquaints the student with introductory accounting principles. Upon successful completion, students are able to maintain a set of books and prepare essential financial reports for personal use or for a sole proprietorship. The learning goals are achieved through the completion of problems, automated business simulations, and computerized projects.

BUSINESS AND TECHNOLOGY EDUCATION (continued)

608 - ACCOUNTING II

Prerequisite: Accounting I
and
Recommendation of Accounting I Instructor
**Math Related Credit
.5 CREDIT**

Accounting II expands upon the knowledge and skills acquired in Accounting I. Vocabulary and basic accounting principles are taught using a merchandising business organized as a partnership. Students will examine and prepare special journals, subsidiary ledgers, payroll records, and essential financial reports. The learning outcomes are achieved through the completion of problems, automated business simulations, and computerized projects.

609 – ACCOUNTING III

Prerequisite: Accounting II
and
Recommendation of Accounting II Instructor
**Math Related Credit
.5 CREDIT**

Grades 10-11-12

Accounting III is designed for students who plan a career in any field of business. This advanced course expands on topics introduced in Accounting I and II while adding new topics about corporation accounting. Areas of concentration are: departmentalized accounting, accounting for uncollectible accounts, notes payable and notes receivable, calculating and recording depreciation of assets, and acquiring capital and paying dividends for a corporation. Learning is accomplished through completion of problems, automated simulations, and computerized projects.

610 – ACCOUNTING IV

Prerequisite: Accounting III
and
Recommendation of Accounting III Instructor
**Math Related Credit
.5 CREDIT**

Grades 10-11-12

Accounting IV will allow a student who plans a career in business to discover specific topics related to corporate accounting. Students will acquire skills to account for different control systems used in accounting; emphasis is on management accounting. Another area of concentration will be cost accounting for a merchandising business including the maintaining of manufacturing records and the preparation of end-of-fiscal-period statements. Learning outcomes are accomplished through completion of problems, reinforcement simulations, and automated projects.

611 – HONORS ACCOUNTING (PILOT) (NORTH)

**Math Related Credit
1 CREDIT**

Grades 10-12

Honors Accounting is an innovative course reflective of the current state of the accounting profession. This course is

highly recommended for any student planning to study business at the college level. Honors Accounting includes financial accounting, managerial accounting, and financial statement analysis.

614 – BUSINESS CO-OP

Prerequisite: Prior or concurrent enrollment in a Business class
and
approval of Co-op Coordinator

Grade 12

1 CREDIT

Students have an opportunity to make money while earning high school credit by working an average of 15 hours per week in a business community. This experience allows students to hold a job, coinciding with the school day, as much as possible, as students are dismissed from school early in order to go to work. Business Co-op provides opportunities to work in a school approved environment compatible with students' career goals (i.e., attorney, physician, CPA, etc.). It also enables students who may be looking for full-time employment upon graduation to be trained during senior year for a specific job. The student trainee is required to submit materials/assignments summarizing his/her experience and knowledge of the company's operations and the Co-op experience. Employers submit quarterly evaluation reports on their trainees.

615 – MARKETING I

**Visual, Performing and Applied Art Credit
.5 CREDIT**

This course includes concepts involved in the flow of goods and/or services from producers to consumers with emphasis on economics and entrepreneurship. Students will learn marketing concepts through activities and projects related to economics, marketing, business fundamentals, communications, human relations, and mathematics. This course includes concepts involved in the flow of goods and services from producers to consumers with emphasis on economics and entrepreneurship. Students identify a career goal and develop basic employment and job interview skills necessary to secure a job in some phase of marketing. Successful completion entitles students to enroll in Marketing II and Marketing III and Marketing Co-op.

616 – MARKETING II

Prerequisite: Successful completion of Marketing I
and
approval of Business Dept. Chair
**Visual, Performing and Applied Art Credit
.5 CREDIT**

Grades 10-11-12

Students will expand their knowledge of marketing through the study of the marketing functions of selling, promotion, and distribution. Students will apply their knowledge of these functions in the completion of group and individual projects. The projects will include the preparation and presentation of a sales demonstration, promotional plan, and distribution analysis. Students will also explore career opportunities within these functions of marketing. Successful completion of the course entitles the student to enroll in Marketing III and Marketing Co-op. (Note: North students will run and operate the North School Store during their class period and complete coursework at home – this practice is known as “flipping the classroom”).

619 – BUSINESS LAW

Grades 10-11-12

.5 CREDIT

This course is designed for those students interested in a career in business. This class directly challenges the student through the understanding of law terminology and interpretations of law as it relates to the area of business. Some of the units covered will include: ethics, sales contracts, consumer protection, and employment law.

626 – MARKETING CO-OP

Prerequisite: Prior or concurrent enrollment in a Business class
and
approval of Co-op Coordinator

Grade 12

1 CREDIT

Students have an opportunity to earn money and high school credit by working an average of 15 hours per week in a business community. Students develop employment skills by performing tasks related to their career interest. The place of employment is considered a classroom and the employer evaluates the student’s performance each marking period. The student trainee is required to submit materials/assignments summarizing his/her experience and knowledge of the company’s operations and the co-op experience.

627 – MARKETING III

Prerequisite: Successful completion of Marketing II
and
approval of Business Dept. Chair

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Grades 10-11-12

This course continues the study of marketing with focus on the marketing functions of pricing, marketing information management, product planning, and risk management. Students will apply their knowledge of these functions of marketing in the completion of individual and group projects. The culminating project will be the creation and presentation of an entire marketing plan for a product that the student creates. (Note: North, students will run and operate the North School Store during their class period and complete coursework at home – this practice is known as “flipping the classroom”).

628 – ADVERTISING

Visual, Performing and Applied Art Credit

Grades 10-11-12

.5 CREDIT

This course is designed to explore the principle concepts of advertising. Through activities and projects, students will learn the steps involved in producing print, radio, and television advertisements. Students will also learn the effects advertising has on society and discuss the social and ethical responsibility of advertisers. Another goal of this class is to expose students to the roles and responsibilities of all those involved in the advertising process; including copywriters, art directors, producers, and directors. At the completion of this course, students will be able to produce an advertising campaign from conception to final production.

629 – SPORTS AND ENTERTAINMENT MARKETING

Visual, Performing and Applied Art Credit

.5 CREDIT

This course is designed to explore the concepts of Sports and Entertainment Marketing. Students will have the opportunity to operate a Virtual Business for the World of Sports. Through activities, projects, and presentations, students will learn the working of professional and amateur sports, the motion picture and music industry, and recreational marketing. Students will explore topics such as: the role of a sports agent, ethical images of the professional athlete, endorsements, sponsorships, legal aspects of the motion picture and music industry, travel and tourism, and the impact of theme parks on marketing.

643– BUSINESS MANAGEMENT

Grades 11-12

.5 CREDIT

This course integrates the fundamental concepts of business management and its ensuing responsibilities. Students who plan to study business in college or who hope to have a career in the corporate world are encouraged to enroll. Students will develop decision making, problem solving, and interpersonal communication skills as they work in teams to create original solutions to current global business issues. This course is organized to prepare students to assume the basic responsibilities in team building and leadership which will ensure success in college and in their future business career endeavors.

644 – BUSINESS FINANCE

Grades 11-12

.5 CREDIT

Business Finance introduces students to the roles that finance, savings, credit, and investments play on business decision making. Students will apply mathematical concepts to analyze, calculate, and evaluate practical business applications in relationship to financial markets and business institutions. Students will expand their knowledge of business finance while developing practical mathematic skills used for business practices.

COMPUTER COURSES

612 – INFORMATION PROCESSING – DIGITAL TECHNOLOGY I

.5 CREDIT

Information Processing reinforces essential application skills such as word processing, desktop publishing, spreadsheets, database, email, and electronic presentation. This class provides students a unique opportunity to go beyond the basics as they apply creativity in problem solving, decision making, composition, and more. Students apply their skills to format documents similar to those they will prepare for classes in high school and college (i.e. reports, bibliographies, endnotes, resumes, cover letters, etc.). Students will be working with Microsoft Word, Excel, PowerPoint, Publisher, as well as the Internet. The students will create a portfolio representing all course content. Students will utilize the SAM (Skills Assessment Manager) software to prepare for real-world use of application software. Successful completion of this course will provide students with the opportunity to receive college credit at Macomb County Community College through an articulation program between GPPSS and MCCC. For further details please visit: <http://www.macomb.edu/NR/rdonlyres/6BEFF217-7704-41ED-AD31-C5D37245CBF0/0/ArticulationAgreementGrossePointeIT.pdf>

613 – INFORMATION PROCESSING – DIGITAL TECHNOLOGY II

Prerequisite: Successful completion of Info
Proc – Dig Tech I
or
Competency equivalent to
Info Proc – Dig Tech I
.5 CREDIT

Information Processing II is a comprehensive course that concentrates on computer applications. This course is a self-paced learning atmosphere that explores more in-depth applications of Word, Excel, PowerPoint, Publisher, as well as incorporating the use of digital camera, web design, the internet, social networking, and much more. Students will face realistic workplace challenges with the use of simulated projects. The students will create a digital portfolio representing all course content.

**617 – KEYBOARDING AND INFORMATION PROCESSING
Grades 9-10**

Prerequisite: Recommendation of counselor
.5 CREDIT

This course is designed for students who have not yet demonstrated mastery of keyboarding and information processing skills necessary for success in high school. Students who need more instruction in keyboarding techniques will be provided an opportunity to learn the keyboard using the touch method of typing. Accuracy and speed will be emphasized. Students will be working with Microsoft Word, Excel, PowerPoint, and Publisher, as well as digital camera operations, web design programs, and the Internet. The final project is the creation of an employment portfolio.

TECHNOLOGY EDUCATION COURSES

852 – SMALL ENGINE REPAIR

SOUTH

.5 CREDIT

This course provides a semester of experiences in theory, application, maintenance, and safe operation of a four-stroke-cycle engine. As students disassemble and reassemble an engine, they learn about small engine construction. Preventive maintenance as well as trouble-shooting and repair is stressed. All systems (carburetion, lubrication, ignition, etc.) are covered in lectures, films, discussions, demonstrations, and hands-on experiences.

861 – ENGINEERING GRAPHICS I

SOUTH

**Visual, Performing and Applied Art Credit
1 CREDIT**

Engineering Graphics I is designed for students whose career interest may include design, engineering and manufacturing, or for those who want an interesting elective.. Students will study the design process using a universal graphics language. Instruction will include use of drawing instruments, geometric construction, multi-view projection, and pictorial drawing. Students will learn our current CAD software.

862 – ENGINEERING GRAPHICS II

SOUTH

Prerequisite: Engineering Graphics I
**Visual, Performing and Applied Art Credit
1 CREDIT**

Grades 10-11-12

Engineering Graphics II is an advanced course in graphics communications using our current software. Students become acquainted with the surface representation of machine parts --their size, shape, and overall construction. Students work with problems related to sectioning, auxiliary views, fasteners, threads, detail, and assembly drawings This class will provide preparation for future engineering studies.

BUSINESS AND TECHNOLOGY EDUCATION (continued)

865 – ENGINEERING GRAPHICS III

Prerequisite: Engineering Graphics I and II

866 – ENGINEERING GRAPHICS IV

Prerequisite: Engineering Graphics I, II and III

Visual, Performing and Applied Art Credit

1 CREDIT

Grades 11-12

For those students who are planning on a career in engineering or manufacturing, a third and fourth year of drafting is appropriate. Students will continue to use the most current versions of our software, as they go deeper into the field of Product Design. Students will build more complex designs, having multiple parts and linked assemblies. They will use current GDT (Geometric Dimensioning and Tolerancing) techniques.

867 – ARCHITECTURE I

SOUTH

Visual, Performing and Applied Art Credit

1 CREDIT

This class will teach the fundamentals of residential construction. Working with Chief Architect, a commercial application used by numerous architects and designers, students will design one (1) 1-2 story house of approximately 2500 square feet each semester. Students will learn what constitutes good design, and how local building codes affect the design. A full house plan will be completed each semester and will include pictorials, plot plans, floor plans, elevations, sections and details. The plans will be accurately detailed so that a building department would issue a permit to build the house.

868 - Survey of CAD (Computer Aided Drafting) SOUTH

(This course is NOT for students who have taken 861 or 867)

.5 CREDIT

Survey of CAD is a semester course which offers a brief introduction to the world of design. Students will learn to express design ideas using the universal language of lines, symbols, and numbers. The class will cover the basics of mechanical and architectural drafting using current CAD software. Students who might have an interest in career fields related to engineering and architecture should take this class. No prior knowledge of drafting or CAD is necessary.

869 – ARCHITECTURE II

SOUTH

Prerequisite: Architecture I

880 – ARCHITECTURE III

SOUTH

Prerequisite: Architecture II

Visual, Performing and Applied Art Credit

1 CREDIT

Grades 10-11-12

Students will work on a residential design of approximately 3500 sq. ft. using increased CAD detail and terrain features of the software. As a culminating project, a model of the design will be built. In their third year, students will branch out into the light commercial area of architecture, and learn more about actual construction methods and materials.

876 – TRADE AND INDUSTRY CO-OP

Requirement: Students must complete one of the following courses **prior** to senior year to be eligible for this co-op program:
Engineering Graphics, Small Engine Repair, Survey of Engineering Graphics, or CAD Engineering.

Grade 12

1 CREDIT

On-the-job experience helps students gain skills needed for entry into industrial occupations. Students learn how to react in a work situation and are introduced to job opportunities in the field. An employer, in cooperation with the teacher-coordinator, provides a training station and accepts the responsibility for giving practical learning activities related to each student's stated career objectives. Typical occupations include drafting, woodworking, automotives, metals, pre-engineering, and electricity/electronics.

ENGLISH

Graduation requirements: Students must earn 4 or more credits in English. Of these 4 credits, 1 credit must be earned in Freshman English (Traditional or Honors), 1 credit in Power of Language or AP Literature and composition or AP Language and Composition in the Junior year, and 1 credit must be earned in American Literature and Composition (Traditional or Honors) taken in grades 10, 11, or 12. The English Department strongly recommends that students distribute the 4 credits by earning 1 credit per year. Reading, writing, listening, speaking, and viewing are emphasized in all English courses.

CORE CURRICULUM OPTIONS

Students need to consider carefully all elements of their academic, co-curricular and extra-curricular activities with parents when making their course selections. Students and parents must consider the selection of Honors courses carefully, since movement from Honors to Traditional levels can only be made if a student's ability and potential do not match the demands of the Honors curriculum.

Support is offered through collaboration with the Learning Resource Center. Strengthening of reading and writing skills is offered through such classes as Reading Workshop (.5 credit), Expository Writing (.5 credit), Freshman English, and Freshman Assist. Students considering playing Division I or II college-level sports should carefully plan courses with their counselors to ensure eligibility.

Highly Challenging College Prep Program

Freshman English Honors	(1 credit required)	9 th
American Literature and Composition Honors	(1 credit required)	10 th
AP Language & Composition	(1 credit)	11 th -12 th
AP Literature & Composition	(1 credit)	11 th -12 th

Additional Optional Electives also available. See list below.

Challenging College Prep Program

Freshman English (Traditional or Honors)	(1 credit required)	9 th
American Lit and Composition (Traditional or Honors)	(1 credit required)	10 th
<u>Choice of ONE of the following:</u>		
AP Language and Composition	(1 credit)	11 th -12 th
Power of Language	(1 credit)	11 th
AP Literature and Composition	(1 credit)	11 th -12 th

Additional Optional Electives also available. See list below.

Traditional College Prep Program

Freshman English (1 credit required)	9 th
American Literature and Composition (1 credit required)	10 th -12 th
Power of Language (1 credit required)	11 th -12 th

Additional Optional Electives also available. See list below.

OPTIONAL ELECTIVE COURSES FOR COMPLETING 4 CREDIT GRADUATION REQUIREMENT

These courses are also available to any student who is taking the highly challenging *or* challenging sequence and has an interest in the following areas:

British Literature and Composition (1 credit)	10 th -12 th	Literature, Culture, and the Humanities (1 credit)	11 th -12 th
Classics of World Literature (1 credit)	11 th -12 th	Literature, Culture, and the Humanities (1 credit)	11 th -12 th
Creative Writing (.5 credit)	9 th -12 th	Mythology (.5 credit)	10 th -12 th
Debate (.5 credit)	9 th -12 th	Pictorial Literature (.5 credit)	11 th -12 th
Explorations in Reading (.5 credit)	10 th -12 th	Reading and Writing Through Athletics (.5 credit)	10 th -12 th
Expository Writing (.5 credit)	10 th -12 th	Shakespeare (.5 credit)	10 th -12 th
Film Literature (.5 credit)	10 th -12 th	Speech (.5 credit)	10 th -12 th
Honors Journalism (1 credit)	9 th -12 th	Theory of Learning (.5 credit)	11 th -12 th
Journalism (1 credit)	9 th -12 th		

Support is offered through collaboration with the Learning Resource Center. Strengthening of reading and writing skills is offered through such classes as Reading Workshop (.5 credit), Expository Writing (.5 credit), Freshman English, and Freshman Assist. Students considering playing Division I or II college-level sports should carefully plan courses with their counselors to ensure eligibility.

101 – FRESHMAN ENGLISH

Prerequisite for other English Courses unless permission of Instructor is obtained
Required Course (or Freshman English Honors)

Grade 9

1 CREDIT

This course emphasizes the refinement of the composition and reading skills learned in middle school. Students write logically developed essays with effective structure, transitions, unity, and clarity of expression. Students review the principles of grammar and usage as they revise the drafts of essays. Persuasive essays and formal research projects are required activities. Students experience multicultural perspectives in literature by reading from a variety of genres of fiction and literary non-fiction including short stories, novels, dramas, poetry, biography, essays, argumentation, and reference texts. Students explore the theme of the human search for self-understanding through reading, writing, speaking, listening, and viewing experiences. Students read *To Kill a Mockingbird* by Lee, either *Julius Caesar* or *Romeo and Juliet* by Shakespeare, and at least two of the following: *Of Mice and Men* and *The Pearl* by Steinbeck, *Black Boy* by Wright, *The Miracle Worker* by Gibson or *Dracula* by Stoker.

103 – FRESHMAN ENGLISH HONORS

Required Course (or Freshman English)

Grade 9

1 CREDIT

This course is intended for the talented and serious academic student who is willing to rise to the challenge of intense independent in-depth study of a variety of literary genres, and extensive instruction in a variety of composition modes. Class requirements include research, at-home reading (fiction and non-fiction), presentations, discussion, and several major investigations. Students will explore the theme of the search for self-understanding through multicultural perspectives in literature. Students may review the principles of grammar and usage as they revise the drafts of essays. Required reading includes *To Kill a Mockingbird* by Lee, *Macbeth* by Shakespeare, and *Great Expectations* by Dickens. Students may also read two of the following: *Frankenstein* by Shelley, *The Chosen* by Potok, or *The Bean Trees* by Kingsolver.

104 – CLASSICS OF WORLD LITERATURE

Grades 11-12

1 CREDIT

Traditional and contemporary literary masterpieces and their relevance constitute the subject of this course. Students read classics from six continents including examples of epic, drama, novel, short story, and poetry. Students study artistic qualities, literary terms and concepts. The course stresses close reading, analysis, and critical writing.

105 – LITERATURE, CULTURE, AND THE HUMANITIES

Grades 11-12

1 CREDIT

Literature, Culture, and the Humanities is the study of human culture as it developed in Western Europe and the United States. Sources for this study come from the fields of literature, philosophy, art, architecture, music, history, and religion. Through reading, writing, speaking, listening, and viewing experiences, students study foundational works of western culture as well as works that have developed as an outgrowth of that foundation. Required reading includes *The Iliad* by Homer, *Oedipus Rex* by Sophocles, and *Othello* by Shakespeare.

106 – JOURNALISM

1 CREDIT

Journalism builds communication skills and develops perception and discrimination in the use of mass media, newspapers, radio, television, and magazines. The course deals with the communication process, intelligent use of the mass media, and current research. The emphasis is on concise and precise writing of news, feature, and opinion articles, as well as oral presentation for broadcasting with an audience in mind. The text is *Scholastic Journalism*. Many pieces of work that appear in newspapers and magazines are also used.

107 – ADVANCED JOURNALISM I
108 – ADVANCED JOURNALISM II
109 – ADVANCED JOURNALISM III

Prerequisite: Journalism; requires approval of teacher
Prerequisite: Adv Journalism I; requires approval of teacher
Prerequisite: Adv Journalism II; requires approval of teacher,
credits not counted toward graduation requirement in English

Grades 10-11-12

1 CREDIT

Advanced Journalism I, II, III are taught primarily through individual instruction; students serve as reporters and editors of the school newspaper. Each student assumes responsibility for production procedures such as planning assignments, selling advertising, editing copy, writing headlines, reading proofs, computer design, and laying out dummies.

110 – READING AND WRITING THROUGH ATHLETICS (PILOT) (SOUTH)

Grades 10-11-12

.5 CREDIT

This course is designed for those who have a passion for athletics. Through this passion, both historical and contemporary view of key issues and figures in the world of sports will be investigated. This course will demand rigorous argument writing and critical reading of multiple and varied texts.

111 – READING WORKSHOP

Requirement: Teacher recommendation

Grades 10-11

.5 CREDIT

Reading Workshop gives instruction in reading skills with emphasis on strategies for comprehension and study skills. Students work on locating main ideas, recalling important details, and determining sentence meaning. Students learn how to make inferences based upon text clues and how to decipher vocabulary based upon context clues. The course requires critical reading in authentic reading situations.

112 – EXPLORATIONS IN READING

Grades 10-11-12

.5 CREDIT

Students select readings from a variety of genres including prose fiction, non-fiction, biography, classic authors, short stories, essays, drama, mass media, history, best sellers, and others. The teacher approves the choices. Students read and complete written papers, analyses, and may generate brochures, oral reports and Power Point presentations. Writing is largely expository and emphasizes effective thesis development. Students electing this course should be capable of consistent effort and have independent and disciplined work habits.

113 – HONORS JOURNALISM

1 CREDIT

This course is intended for the talented and serious academic student who is willing to rise to the challenge of an intense, in-depth study of a variety of mass media. Class requirements include critical analysis of current research, outside of class interviewing and study, presentations, discussion, and several major investigations. The emphasis is on concise and precise writing of news, feature, and opinion articles, along with design elements which will be used in publishing of a newspaper. The text is *Scholastic Journalism* and *The Radical Write*, as well as newspapers, magazines and the Internet.

114 – FRESHMAN ASSIST

Requirement: Teacher and Counselor approval and Test Results

Grade 9

1 CREDIT

The focus of this course provides basic instruction in the skills needed for success in high school. The course emphasizes fundamental reading, writing, and study skills to help students learn more effectively in their core academic classes. Development of reading skills includes explicit instruction in self-monitoring strategies, cognitive strategies and text analysis. Improvement of writing skills includes explicit instruction in development of ideas, organization, voice, sentence fluency, word choice, conventions, and presentation. Improvement of study skills includes explicit instruction in note taking and test preparation. Placement for the course is determined by test results. **THIS CLASS CANNOT BE USED TO SATISFY AN ENGLISH REQUIREMENT**

115 – MYTHOLOGY

Grades 10-11-12

.5 CREDIT

Although devoted primarily to Greek and Latin myths, Mythology also touches upon Nordic and other myths that remain a living part of our cultural heritage. Assignments develop student skills in reading, writing, listening, and speaking. Students will write numerous essays and complete projects on mythological topics.

116 – SPEECH

Grades 10-11-12

.5 CREDIT

This semester course will assist students at all levels in developing poise and self-confidence in oral communication situations. The emphasis will be on the functional and technical aspects of speech and the importance of effective listening, as well as the tools of effective speaking. Presentations will be created and performed in a variety of speech settings, involving numerous topics.

117 – FILM LITERATURE

Grades 10-11-12

.5 CREDIT

Film Literature presents the history and literature of motion pictures. Students view and analyze representative films in several genres including Silent Comedy, Western, Science Fiction, and Film Noir. Directors studied may include Alfred Hitchcock, Stanley Kubrick, Charlie Chaplin, Akira Kurosawa, and John Ford. Both American and foreign titles will be screened in class. The basic skills stressed in other English courses are also developed in this course, including literary analysis and communication in writing and speaking. Students examine short and feature-length films for editing, sound, photography, and other aspects of cinematic language. Students write numerous essays examining film and are also encouraged to make their own films for class. Students will study *Citizen Kane*, *Singin' in the Rain*, *The Gold Rush*, *Life is Beautiful*, *Psycho*, and *Rebel Without a Cause*.

118 – SHAKESPEARE

Grades 11-12

.5 CREDIT

Students study a variety of works by William Shakespeare, exploring their literary merit as well as their relationship to the acting styles, theatre architecture, and related issues during the Elizabethan period. While the plays range from farce to tragedy, the emphasis remains upon the interaction of style and idea. The Bard's works are studied in conjunction with questions concerning his reputation and the authorship of these timeless classics. The course explores the relevance of an Elizabethan dramatist's thought to the increasing complexities of contemporary life. Through reading, writing, speaking, listening, and viewing, students will comprehend and evaluate a wide variety of literature, both classic and contemporary. All students will read either *Richard III* or *Taming of the Shrew*.

120 – STRATEGIES FOR READING AND WRITING (PILOT)

Grade 9

1 CREDIT

This course is designed specifically for entering Freshmen whose NWEA scores fall between the 26th and 50th percentile range. This course will offer intensive, transportable reading and writing strategy instruction so students will have greater high school success, and perform better on the ACT, MME, and Work Keys.

122 – EXPOSITORY WRITING

Grades 10-11-12

.5 CREDIT

Expository Writing provides instruction in non-fiction writing. Students review basic grammar skills while they learn to use several methods of explanation (e.g. comparison, cause and effect, reason, classification, example, and definition). Students write various types of essays, learn term paper and research skills, and participate in oral presentations. Special emphasis is placed on developing critical thinking skills as they relate to class assignments.

123 – CREATIVE WRITING

Required: Freshmen are to submit a portfolio prior to enrollment

.5 CREDIT

Designed for students interested in creative writing, this course offers guided instruction in short fiction, poetry, and drama. Students read and interpret fiction and poetry models to facilitate the development of their own writing styles. They identify professional writers' stylistic components and develop their own creative writing skills in short stories, poetry and one-act scripts. Students share their writing. Each student maintains a journal and submits a portfolio of his/her best creative writing at the end of the semester.

124 – ADVANCED CREATIVE WRITING

Required: successful completion of Creative Writing I
and approval of the Creative Writing teacher

or
review of portfolio by the Creative Writing
teacher; credits not counted toward the
graduation requirement in English

.5 CREDIT

Grades 10-11-12

Advanced Creative Writing is offered to students who want additional training in imaginative expression. The course gives students with creative writing talent the opportunity to prepare their work for publication. They practice specific literary techniques and produce original short stories, sketches, poetry, and drama. Outstanding writing is submitted to contests and magazines. Students write for the school's literary magazine and may work on the staff. Because of the freedom needed in creative work, much of the instruction is individualized. A workshop atmosphere prevails as students build their portfolios.

145 – AP ENGLISH: LITERATURE AND COMPOSITION

Grades 11-12

1 CREDIT

Advanced Placement English: Literature and Composition is a college-level course that prepares students for the AP test offered each May. Successful performance on the test may result in college credit for the class. The course stresses close reading, analysis, and critical writing. The readings for the course include contemporary and traditional classic works of fictional literature with an emphasis on the language of literature as well as the cultural heritage of literature. Required reading includes *The Odyssey* by Homer in translation by Robert Fitzgerald or Robert Fagles, *King Lear* by Shakespeare and poetry selected from *Sound and Sense* edited by Perrine and Arp. Students may also read from the following reserved titles for the course: *The Tempest* by Shakespeare, *Antigone* by Sophocles, *Dr. Faustus* by Marlowe, *Arms and the Man* by Shaw, *An Enemy of the People*, *Hedda Gabler*, and *A Doll's House* by Ibsen, *Catch-22* by Heller, *Invisible Man* by Ellison, and *My Name is Asher Lev* by Potok. AP English: Literature and Composition follows the guidelines established by the College Board.

162 – AMERICAN LITERATURE AND COMPOSITION

Required Course

or
(American Literature and Composition Honors)

1 CREDIT

Grades 10-11-12

This course presents the study of American literature through its major periods. Students read short stories, novels, dramas, poetry, and non-fiction. Composition work emphasizes formal research and various types of essays including literary criticism and argumentation. Through reading, writing, speaking, listening, and viewing, students explore various themes of American literature. Required reading includes *The Great Gatsby* by Fitzgerald, *Death of a Salesman* by Miller and excerpts from *The Adventures of Huckleberry Finn* by Twain, *Walden* and *Civil Disobedience* by Thoreau, and *The Souls of Black Folk* by Dubois. Students may also read from the following: *Straw Into Gold* by Cisneros, *Mother Tongue* by Tan, *Blue Highway* by Heat-Moon, *The Scarlet Letter* by Hawthorne, *Red Badge of Courage* by Crane, *The Catcher in the Rye* by Salinger, *The Piano Lesson* by Wilson, and *The Glass Menagerie* by Williams. Students considering enrollment in Advanced Placement English in grades 11 or 12 should take American Literature and Composition in grade 10.

163 – AMERICAN LITERATURE AND COMPOSITION HONORS Required course
or
(American Literature and Composition)
1 CREDIT

Grades 10-11-12

This course is intended for the talented and serious academic student who is willing to rise to the challenge of intense, independent, in-depth study of literature in the context of American culture. Class requirements include research, at-home reading, presentations, discussion, critical analysis, and major investigations. Required reading includes *The Great Gatsby* by Fitzgerald, *Death of a Salesman* by Miller and excerpts from *The Adventures of Huckleberry Finn* by Twain, *Walden* and *Civil Disobedience* by Thoreau, and *The Souls of Black Folk* by Dubois. Students may also read *Hunger for Memory The Autobiography of Richard Rodriguez*, *Their Eyes Were Watching God* by Hurston, *The Hairy Ape* by O'Neill, *Long Days Journey Into Night* by O'Neill, and *A Streetcar Named Desire* by Williams. Students considering enrollment in Advanced Placement English in grades 11 or 12 should take American Literature and Composition Honors in grade 10.

164 – BRITISH LITERATURE AND COMPOSITION

Grades 10-11-12 **1 CREDIT**

The works of British authors and the chronological development of British literature form the basis of this course. Through reading, writing, speaking, listening, and viewing experiences, students explore the works of poets, essayists, dramatists, and novelists from the Anglo-Saxon era through the Modern Age. The course encourages an analytical approach to literature with an in-depth understanding of form, content, and style. Increased sophistication in writing literary analysis is a critical goal.

Required reading includes *Beowulf*, selections from *The Canterbury Tales* by Chaucer, *Hamlet* by Shakespeare, selections from *Gulliver's Travels*, and a work by Oscar Wilde. Students may also study *Pride and Prejudice* by Austen, *Wuthering Heights* by Bronte, *Pygmalion* by Shaw, *Brave New World* by Huxley, and *Lord of the Flies* by Golding.

172 - YEARBOOK JOURNALISM **NORTH** Prerequisite: Approval of Yearbook Instructor
Visual, Performing and Applied Art Credit
1 CREDIT

Yearbook journalism offers students the opportunity to master the many aspects of the publishing production in a hands-on team environment. . Students are involved in each step of the publication process, from planning and design through production and distribution of the end product. Students learn photojournalism, writing and design through individual and group instruction, as well as class discussions. Students do the reporting, photography, writing and computer design using Adobe InDesign, Photoshop and other current technology programs to manage production and business tasks. The end product is GP North's yearbook, *Valhalla*.

173 – PICTORIAL LITERATURE: A Comparison of Classical Literature and the Emerging Genre of Graphic Novels

Grades 11-12 **.5 CREDIT**

This course is devoted to the intensive study of the graphic novel. By reading, discussing, writing about, re-reading, and working with a variety of book-length texts in comics format, students will gain an understanding of formal narrative, and theoretical characteristics of graphic novels. Students will also read traditional texts with graphic counterparts and discuss the differences in narrative. One focus will be on the relationships between words and images. Assignments will require regular reading of assigned graphic novels and other texts, written responses, and a variety of formal compositions that require the application of key concepts in the course.

174 – POWER OF LANGUAGE

Required course

or

(AP English: Language and Composition)

or

(AP Literature and Composition)

Grade 11

1.0 CREDIT

Through the study of various non-fiction (including expository, narrative, persuasive, informational, and argumentative texts), this course prepares students to understand the everyday functions of language and literature. Students practice analysis of authors' language, style, and rhetorical choices, while simultaneously increasing their worn abilities in those areas. Along with intensive ACT preparation, this course offers students training to meet the various demands of their world with the ability to think, reason, and communicate powerfully about written, visual, and multi-media texts.

Students read *Outliers*, by Malcolm Gladwell, *Brave New World*, by Aldous Huxley, and *Into the Wild*, by Jon Krakauer. The course also includes an independent reading experience (in the mode of autobiography/memoir) and involves a research-based synthesis project.

175 – DEBATE

9th Grade Requirement: Permission of Instructor

.5 CREDIT

This course introduces students to the theory and practice of academic debate. Class work is derived from in-depth analysis of a significant contemporary problem. Students carry out directed library research on this problem in preparation for writing individual affirmative cases. To pass this class, each student must prepare and submit an affirmative case. Students develop abilities to organize evidence efficiently, to think critically, and to speak extemporaneously.

176 – ADVANCED DEBATE I

Required: approval of debate teacher; credits not counted

177 – ADVANCED DEBATE II

toward graduation requirements in English

Grades 10-11-12

.5 CREDIT

Advanced Debate I and II prepare students for varsity debate competition. The class facilitates each student's preparation for interscholastic competition by providing instruction in advanced theory and by emphasizing depth of understanding in the topic area. Students must demonstrate maturity of purpose as they carry out research assignments, write new cases, and prepare a variety of briefs.

191 – THEORY OF LEARNING

.5 CREDIT

Prerequisite: Enrollment in Advanced Placement courses

Theory of Learning is an exploration of epistemology, a branch of philosophy investigating the sources, possibilities, and limits of knowledge. This semester course investigates several fields of knowledge, including history, science, language, and art. Students will explore multiple ways of knowing and their impact on how we make sense of the world through integrated lessons and experiences designed to encourage high order thinking. Core endeavors include an independent book review and a formal research project.

197 – AP ENGLISH: LANGUAGE AND COMPOSITION

Grades 11-12

1 CREDIT

Advanced Placement English: Language and Composition is a college-level course which prepares students for the AP test offered each May. Successful performance on the test may result in college credit. Students strengthen their awareness of language and sharpen their skills in critical reading, logical thinking, and effective writing. In addition to writing personal essays, analytical and argumentative papers, and impromptu, students study and practice speaking and listening skills. Readings focus on non-fiction. AP English: Language and Composition follows the guidelines established by the College Board.

INTERDEPARTMENTAL

001 – BEGINNING PROGRAMMING

.5 CREDIT

Prerequisite: Concurrent/previous enrollment in Algebra I

Computer Programming is the study of writing computer programs using a High Level Language C++. Writing computer programs helps to develop problem-solving skills. This course is designed for students with no knowledge of programming. It prepares students for additional courses in any other computer language.

002 – ADVANCED PROGRAMMING I

.5 CREDIT

Prerequisite: Beginning Programming

or

formal course in programming.

Students are taught a programming language that encourages the use of functions, classes and objects. This is the first of a sequence of programming courses which could lead to the AP exam in computer science. Topics covered include variables, constants and functions. The students learn to develop programs in a logical manner using structured programming methods.

003 – ADVANCED PROGRAMMING II

.5CREDIT

Prerequisite: Advanced Programming I (C or better)

Advanced Programming II is a continuation of Advanced Programming I. It includes reviewing some Advanced Programming I topics, working with variables, constants and functions. Topics covered include the learning of classes, objects, recursion, arrays, streams, and files.

004 – AP ADVANCED PROGRAMMING III

.5 CREDIT

Prerequisite: Advanced Programming II (B- or better)

Different types of data structures are the main topics addressed in this course. Topics include building classes, graphics, event-driven programming, advanced algorithms and recursion, and data structures. This course qualifies students to take the Advanced Placement Examination in Computer Science. College credit for one or two semesters of Computer Science may be earned by satisfactory performance on this examination

012 – COMPUTER APPLICATIONS

.5 CREDIT

This course will develop students' skills in word processing, database management, spreadsheets and charts, and presentation software. Students will use the Internet and software on the school system network.

016 – DIGITAL SEMINAR

(PILOT)

NORTH

.5 CREDIT

Grade 9-10

Effective use of technology is critical to the acquisition of skills needed in a knowledge based, twenty-first century economy. Digital Seminar provides students with access to up-to-date, primary source material on the Internet. Students will discover ways to collaborate with students, teachers, and experts around the world. In addition, students will learn about opportunities for expressing knowledge and understanding via images, sound, and text.

LIFESKILLS AND HEALTH

Art of Pastry and Dessert Preparation
Child Development/Parenting
Commercial Foods I, II (SOUTH)
Commercial Foods Co-op (SOUTH)
Fashions and Fabrics I, II, III, IV
Food for Fitness I, II
Health Education with Family Planning
Interior Design/Housing
Living On Your Own I, II
Medical Aides Co-op

800 – FOOD FOR FITNESS I

.5 CREDIT

Students who are interested in improving and maintaining their personal health through nutritious foods and a strong emphasis on physical activity are encouraged to take this course. Students assess their current lifestyle and eating habits through food logging and nutrition analysis. They also gain an understanding of how physical fitness and nutrition are related, and study a variety of diseases associated with diet. Through laboratory experiences, students prepare a wide variety of nutritious foods, all made from scratch, which promote a healthier lifestyle. Some topics to be studied are organic foods, vegetarian and vegan diets, fad diets, deficiency diseases, and weight control.

801 – FASHION AND FABRICS I

802 – FASHION AND FABRICS II

803 – FASHION AND FABRICS III

804 – FASHION AND FABRICS IV

Prerequisite: Fashion and Fabrics I

Prerequisite: Fashion and Fabrics II

Prerequisite: Fashion and Fabrics III

Visual, Performing and Applied Art Credit

.5 CREDIT

The Fashion and Fabrics classes are designed for the beginner as well as for the advanced sewer who desires to develop or improve both their clothing construction skills and their fashion knowledge. Students will work independently on projects according to their ability level and skill set. Student projects will encompass a range of difficulty levels with each student choosing their individual projects based primarily on their interests, personal style, and ability. Students on all levels will study the fashion industry as a whole. Time will also be spent developing students' personal design style and fashion sense. An emphasis will be placed on career exploration in the fashion industry, fashion designers, and individual portfolio creation that can be taken to college and beyond.

805 – FOOD FOR FITNESS II

Prerequisite: Food for Fitness I

Visual, Performing and Applied Art Credit

.5 CREDIT

Grades 10-11-12

This course will focus on international cuisine from countries around the world. Students will explore how food speaks to the human soul. A variety of traditional recipes will be prepared and students will learn about the colorful history of food customs. Time will be spent identifying the origins of various cuisines and learn how geography, climate, economics, and culture have helped to shape diverse meal patterns.

811 – COMMERCIAL FOODS I

SOUTH 1 hr. all year

1 CREDIT

812 – COMMERCIAL FOODS I

SOUTH 2 hrs. all year

2 CREDITS

This is an introductory course designed to acquaint students with the many job opportunities available in the food service industry. A strong emphasis is placed on the organization and operation of the food service facility, and students will acquire many of the food preparation and customer service skills necessary for a future culinary career. Students learn to create healthy soups, salads, side dishes, and entrees in accordance to guidelines set by the health department. Commercial Foods I is a prerequisite for Commercial Foods II and Commercial Foods Co-op.

LIFESKILLS AND HEALTH (continued)

813 – COMMERCIAL FOODS II

SOUTH

Prerequisite: Commercial Foods I

Grades 11-12

1 CREDIT

This course is designed for students with a commitment to Food Service. An emphasis is placed on providing students with the skills needed for entry-level positions in the food service industry. Students practice high volume food preparation, baking techniques, vegetable cookery, garde manager (cold food preparation), entrée creation, menu planning, and many other skills necessary for a career in food service. The classroom experiences are coordinated with on-the-job training if students are also enrolled in Commercial Foods Co-op.

814 – COMMERCIAL FOODS CO-OP

SOUTH

Prerequisite: Commercial Foods I

Grade 12

1 CREDIT

Through the co-op experience, students are employed a minimum of 15 hours a week in a variety of commercial foods positions approved by the teacher-coordinator. Students have on-the-job experiences in food planning and preparation, baking, short-order cookery, or allied food services. They gain entry-level skills that enable them to work both in the front and back of house. With further training, students may qualify for hotel, motel, or restaurant management as well as other culinary or hospitality positions. Those who have previously taken Commercial Foods I begin occupational training immediately; others are placed when ready.

815 – ART OF PASTRY AND DESSERT PREPARATION

Visual, Performing and Applied Art Credit

.5 CREDIT

This course will provide a hands-on experience in food preparation and advanced pastry and dessert techniques. An emphasis is placed on both the science behind baking, as well as practical math applications. Labs include a wide range of beginner techniques all the way through advanced skills needed for a career in the culinary world. Students will gain advanced techniques and have experiences in the preparation of pastry and desserts that may lead to job opportunities in local pastry shops, restaurants, and bakeries.

824 – INTERIOR DESIGN/HOUSING

Visual, Performing and Applied Art Credit

.5 CREDIT

Interior Design/Housing is a course for any student interested in the art and process of creating pleasing environments. The focus of study is on architectural styles, history of interiors, various wall, window, floor, and furniture finishes. Students will learn about the psychology and power of color and lighting and how it impacts the people who live there. Students who have a creative flair and a desire to pursue a design focused career are encouraged to take this course.

825 – CHILD DEVELOPMENT/PARENTING

.5 CREDIT

This course is intended for anyone who anticipates a career in which they will be working with children, or for anyone who one day intends to be a parent. Students will study the physical, social, intellectual, and emotional development of children from conception through six. Additional topics include: the importance of play, nutritional and physical needs, discipline strategies, costs associate with raising a child, and developmental disabilities. Students will also learn observation techniques that they will use by taking part in a guided experience in a GPPSS preschool or kindergarten classroom. Additionally, this course offers the RealCare Infant Simulators as a best practice real-life simulation experience for teens.

LIFESKILLS AND HEALTH (continued)

826 – LIVING ON YOUR OWN I

Grades 11-12

Math Related Credit

.5 CREDIT

Living On Your Own prepares students to live independently. Emphasis is on financial literacy and consumerism, empowering students to learn how to manage their money and live within their means. Students will investigate how financial life choices will affect their future. The student will create a Personal Finance Portfolio which will include units on the psychology of money and goal setting, employment income and budgeting, saving and investing, acquiring transportation, clothing care and maintenance, renting and furnishing their first apartment or moving into a college dorm, and career exploration.

828 – LIVING ON YOUR OWN II

Prerequisite: Living on Your Own I

Grades 11-12

Math Related Credit*

.5 CREDIT

Living On Your Own II prepares students to live independently. Emphasis is on financial literacy and consumerism. Living On Your Own II continues with creating a personal finance portfolio with the focus on credit, identity theft, insurance, the stock market, nutrition, interpersonal skills, employment skills, comparison shopping, and career exploration. Students will investigate how life choices will affect their future. *Math credit available to seniors only.

831 – MEDICAL AIDES CO-OP (A.M.)

Prerequisites: Student must be 17 years old.

834 – MEDICAL AIDES CO-OP (P.M.)

Prerequisites: Student must be 17 years old.

Grade 12

1 CREDIT

Medical Aides Co-op provides students with work experience at the entry level for a variety of medically related professions. Students are trained on site by medical personnel to work in many different environments. Students may find work in dental, veterinary, or medical doctors' offices, with occupational therapists or in medical research. Students who work in the hospital setting will be trained on site within the department where they are placed. Students who have volunteered in the hospital prior to their senior year find that their volunteer experience facilitates the co-op job placement process.

HEALTH

**920 – HEALTH EDUCATION
WITH FAMILY PLANNING**

Required Course

Highly recommended to be taken in 9th grade.

.5 CREDIT

Health Education is a required course in which students learn to accept responsibility for personal health decisions and practices, and to work with others to support and maintain a healthful society. Students study topics related to stress and depression, nutrition, physical fitness, tobacco, alcohol and drugs as well as human sexuality, and disease prevention and control. This course includes a short unit of approximately 2-3 days which includes information about family planning and contraception with an emphasis on abstinence as the preferred method. Parents who do not want their children to receive instruction may opt out their students into an alternative learning experience during the short family planning unit.

MATHEMATICS

ESSENTIAL COURSES

Advanced Mathematics
 Algebra I, II
 Algebra I Support
 Geometry
 Geometry Support

COLLEGE PREP COURSES

Algebra I CP
 Algebra II CP
 Geometry CP
 Introduction to Calculus
 Pre Calculus
 Statistics

HONORS COURSES

AP Calculus AB
 AP Calculus BC
 Honors Algebra II
 Honors Geometry
 Honors Pre Calculus

HIGH SCHOOL SEQUENCE

Students must successfully complete at least four (4) credits in mathematics to graduate from high school. Required credits include: Algebra I, Geometry, Algebra II, and one course during the student’s 12th grade year. The additional credit can be from math related courses earned by the student at any time during their high school career. Algebra II can be taken over a 2-year period for two (2) credits. The list of eligible Math Related Courses appears on page 13.

Honors Sequence	College Preparatory Sequence	Essentials Sequence
330 Honors Geometry	307 Algebra I CP	318 Algebra I 310 Algebra Support
335 Honors Algebra II	316 Geometry CP	350 Geometry 339 Geometry Support
346 Honors Pre Calculus	322 Algebra II CP	319 Algebra II 319 A/B Algebra II over 2 years
358 AP Calculus AB 359 AP Calculus BC	342 Pre Calculus	332 Advanced Math
	327 Statistics 360 Introduction to Calculus	

Note 1: Occasionally, “horizontal” movement on either chart may be recommended for individual students, although the sequence of course topics remains the same.

Note 2: The above identified sequence is intended to be the typical and expected sequence for students. In the event that a student wishes to elect to take math courses concurrently or out of sequence, they may do so with the support and permission of the Math Department Chair(s) and their counselor.

MATHEMATICS (continued)

ESSENTIALS MATHEMATICS SEQUENCE

The Essentials Mathematics Sequence gives students exposure to and experience with the same concepts that are presented in the College Prep Mathematics Sequence. Topics are usually presented at a slower pace and with fewer rigors. Scientific and/or graphing calculators are used in these courses to enhance learning and supplement topics. Support classes, which run concurrently with the regular math courses, are also offered within this sequence to provide additional assistance for students as they work to meet the curriculum expectations.

310 – ALGEBRA I SUPPORT

Prerequisite: Math 8

Requirement: Teacher recommendation and enrollment in Algebra I

.5 or 1 CREDIT

This support class is taken concurrently with Algebra I and provides additional support for students as they work to meet the curriculum expectations of Algebra I. Course content includes additional instruction on the concepts taught in class, previews of upcoming lessons, homework assistance, and quiz and test preparation. This course is taught in a small group setting and does count for math credit.

318 – ALGEBRA I

Prerequisite: Math 8 or PreAlgebra

1 CREDIT

This course is a traditional approach to the study of first year Algebra concepts. This Algebra I course builds on the study of functions and representations begun in the middle school grades. Students will learn to simplify and factor expressions, solve linear and quadratic equations, and systems of equations. Students will study families of functions and their graphs including linear, quadratic, polynomial, power, and exponential. Using these functions, students will model real-world situations using data and solve related problems. A scientific and/or graphing calculator will be used to supplement topics.

319 – ALGEBRA II

Prerequisites: Algebra I and Geometry

1 CREDIT

This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions and relations such as conics based on these concepts. Students study logarithmic, trigonometric, polynomial and rational functions in addition to probability, data analysis, sequences and series for modeling real-world situations. A graphing calculator is used throughout. This course is also offered over two years as 319A and 319B. Students electing this option are required to take both courses.

332 – ADVANCED MATHEMATICS

Prerequisite: Algebra II

1 CREDIT

Requirement: Teacher recommendation

This course extends the sequence from variables to relation to functions and includes using functions as models for applied settings. Geometric and Algebraic concepts are connected to topics in probability, statistics and trigonometry and functions are developed through graphical approaches aided by technology.

MATHEMATICS (continued)

339 – GEOMETRY SUPPORT

Prerequisite: Algebra I

Requirement: Teacher recommendation and enrollment in Geometry

.5 or 1 CREDIT

This support class is taken concurrently with Geometry and provides additional support for students as they work to meet the curriculum expectations of Geometry. Course content includes additional instruction on the concepts taught in class, previews of upcoming lessons, homework assistance, and quiz and test preparation. This course is taught in a small group setting and does count for math credit.

350 – GEOMETRY

Prerequisite: Algebra I

1 CREDIT

This course covers the major topics of plane geometry such as parallelism, congruency, similarity, coordinates, transformations, measurement formulas, trigonometry, two and three dimensional figures, logic, and proof writing with an emphasis on insight rather than traditional rigorous proof. Applications of various geometric concepts are stressed. Algebraic and computational skills are reviewed and reinforced throughout the course.

COLLEGE PREPARATORY MATHEMATICS SEQUENCE

The courses comprising this sequence deal with the logic and theory of mathematics as well as its applications in several fields of study. This sequence gives the capable student a thorough math preparation to pursue those fields in college that demand a solid mathematical foundation. Scientific and/or graphing calculators are used in these courses to enhance learning.

307 – ALGEBRA I CP

Prerequisite: Math 8 or Pre-Algebra

1 CREDIT

Requirement: Teacher recommendation

This course is a traditional approach to the formal study of first year Algebra. Algebra I builds on the increasingly generalized approach to the study of functions and representations begun in the middle school grades. Students will learn to simplify and factor expressions, solve linear and quadratic equations, and systems of equations. Students will study families of functions and their graphs including linear, quadratic, polynomial, power, and exponential. Using these functions, students will model real-world situations using data and solve related problems. A scientific and/or graphing calculator will be used to supplement topics.

316 – GEOMETRY CP

Prerequisite: Algebra I CP

1 CREDIT

Requirement: Teacher recommendation

This course covers the topics of parallelism, congruency, similarity, coordinates, transformations, measurement formulas, right triangle trigonometry, two and three dimensional figures, logic, and proof writing. Geometry integrates standard approaches and algebra throughout the course. Applications of various geometric concepts are stressed. A scientific calculator is used throughout the course.

322 – ALGEBRA II CP

Prerequisite: Algebra I CP and Geometry CP **1 CREDIT**

Requirement: Teacher recommendation

This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial and other special functions in addition to matrices for modeling real-world situations. A graphing calculator is used throughout.

MATHEMATICS (continued)

327 – STATISTICS

Prerequisite: Algebra II CP

.5 CREDIT

This semester course allows students to collect and analyze data in a variety of ways. Technology is utilized throughout. Students will analyze patterns (and deviations from patterns) and numerical techniques; the collection of data in a well-developed manner; using statistical inference as a guide to the appropriate model of collected data. Probability models will be studied for anticipation of what the data should look like under a given model. The normal distribution, central limit theorem, variability, and sample distributions such as Z-scores and T-scores will also be studied.

342 – PRE-CALCULUS

Prerequisite: Algebra II CP

1 CREDIT

Requirement: Teacher recommendation

Pre-calculus topics emphasize the theoretical background a student must have to be successful in many calculus courses, including analysis of functions, notions of limit, analytic geometry, polar coordinates, exponential and logarithmic functions, and the conceptual underpinnings of the derivative and the definite integral. Discrete mathematics topics may include formal logic, properties of natural numbers, mathematical induction, sequences and combinatorics. Manipulative algebra and careful development of algebraic reasoning and proof will also be included. A graphing calculator is used throughout the course to analyze the behavior of functions, to conjecture trigonometric identities and to study limits. An emphasis is placed on problem solving using an analytic approach.

360 – INTRODUCTION TO CALCULUS

Prerequisites: Completion of Pre-Calculus

.5 CREDIT

or

concurrent enrollment in semester 2 Pre-Calculus

This semester course includes a review of functions and graphs, an in-depth look at limits and continuity, as well as differential and integral calculus with applications of each. While this course stresses the concepts and applications of calculus, it is not intended to replace AP Calculus. That is, students will not earn college credit for this course as it is intended to be an introduction to calculus concepts. Various problem solving techniques are used and problems are devised to employ critical thinking skills. Graphing calculators are used throughout the course. Every effort is made to avoid stopping at the customary, fixed boundaries of traditional mathematics courses and to improve students' ability to apply theory and to analyze problems independently.

HONORS MATHEMATICS SEQUENCE

Topics in these courses are taught from a rigorous perspective and presented to develop the mathematical reasoning ability of students. Exceptionally capable students who have taken Algebra I in eighth grade and follow the sequence through, have the opportunity to earn college credit for high school mathematics upon successful completion of the Advanced Placement Examination in Calculus.

330 – HONORS GEOMETRY

Prerequisite: Honors Algebra I / Algebra I CP

1 CREDIT

Requirement: Teacher Recommendation

This course includes coordinate, plane, solid and some analytical geometry. Algebraic and geometric concepts are integrated throughout this course to enhance student learning. This course emphasizes problem solving and logic as methods used to develop each new concept. Every effort is made to avoid stopping at the customary, fixed boundaries of the traditional mathematics course to improve students' ability in applying theory and in analyzing problems independently.

MATHEMATICS (continued)

335 – HONORS ALGEBRA II

Prerequisite: Honors Geometry

1 CREDIT

Requirement: Teacher recommendation

This course covers most topics of advanced algebra as well as trigonometry and statistics. This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers, and roots, and functions and relations such as conics based on these concepts. Students study logarithmic, trigonometric, polynomials, rational and other special functions both for their abstract properties and as tools for modeling real-world situations. Topics also include probability and data analysis, sequences and series. A graphing calculator is used throughout this course to enhance student learning.

346 – HONORS PRE-CALCULUS

Prerequisite: Honors Algebra II

1 CREDIT

Requirement: Teacher recommendation

Pre-calculus topics emphasize the theoretical background a student must have to be successful in many calculus courses including analysis of functions, notions of limit, analytic geometry, and the conceptual underpinnings of the derivative and the definite integral. Discrete mathematics topics may include formal logic, properties of natural numbers, mathematical induction, sequences and combinatorics. Manipulative algebra and careful development of algebraic reasoning and proof will also be included. These concepts, however, will be extended and supplemented with more rigor as needed to prepare students taking this course to elect AP Calculus as their next mathematics course. A graphing calculator is used throughout the course to analyze the behavior of functions, to conjecture about trigonometric identities and to study limits. Every effort is made to avoid stopping at the customary, fixed boundaries of the traditional mathematics course and to improve students' ability to applying theory and analyzing problems independently.

358 – AP CALCULUS AB

Prerequisite: Honors Pre-Calculus

359 – AP CALCULUS BC

Requirement: Teacher Recommendation

1 CREDIT

AP Calculus contains topics comparable to a semester (AB) Calculus I or a full first-year (BC) Calculus I and II college course which includes a review of functions and graphs, an in-depth look at limits and continuity, as well as differential and integral calculus with applications of each. College credit for calculus may be earned by a satisfactory performance on the Advanced Placement Examination. Various problem solving techniques are used and problems are devised to employ critical thinking skills. Graphing calculators are used throughout the course. Every effort is made to avoid stopping at the customary, fixed boundaries of traditional mathematics courses and to improve students' ability to apply theory and to analyze problems independently. Note: Students may take either AB or BC for credit and should consult their math teacher to discuss appropriate placement..

PERFORMING ARTS

NOTE: Students enrolling in any of the performing groups must acquaint themselves with the required activities of these groups which sometime extend beyond the regular school day. Requirements may be obtained from teachers.

INSTRUMENTAL MUSIC

Concert Band
Concert Orchestra
Jazz Lab
Symphonic Band
Symphony Orchestra

CHORAL MUSIC

Choir – Beginning - Soprano/Alto
Choir – Beginning - Tenor/Bass
Choir – Intermediate - Mixed
Choir – Advanced Women’s
Choir – Advanced Mixed

MUSIC THEORY AND TECHNOLOGY

Music Theory I, II, III
AP Music Theory IV
Music Through Technology I, II, III

PIANO

Piano 1

ACTING

Actors Workshop
Aspects of Acting

TELEVISION PRODUCTION

Television Production I, II, III, IV, V, VI

INSTRUMENTAL MUSIC

752 – CONCERT BAND

Prerequisite: 8th grade band, previous training
or
approval of instructor

**Visual, Performing and Applied Art Credit
1 CREDIT**

Concert Band focuses on the intermediate performance skills that will prepare students for the advanced skills necessary for Symphony Band. Playing with mature tone and intonation are stressed, along with the ability to follow a conductor's beat. Students will also learn about basic music theory. Enrollment is limited to: flute, clarinet, oboe, bassoon, saxophone, trumpet/cornet, French horn, baritone, trombone, tuba and percussion (percussionists must be proficient with mallet instruments). All percussionists must audition for this class. Participation in rehearsals, sectionals and performances outside of class will be required as part of the student's grade. Some uniform fees/costs will be requested. Scholarship funds may be provided to qualified applicants to help defray this expense.

753 – SYMPHONY ORCHESTRA

Requirement: Audition required

**Visual, Performing and Applied Art Credit
1 CREDIT**

Participation in the instructional class of the Symphony Orchestra is limited to members of the string section: violin, viola, cello, string bass, and harp. The Symphony Orchestra studies and performs fine orchestra music from all major periods of music history. Participation in rehearsals, sectionals and performances outside of class will be required as part of the student's grade. Students enrolled in Orchestra will be expected to participate in Full Orchestra. Woodwind, brass and percussion players will be auditioned for Full Orchestra. Full Orchestra rehearsals will be held before or after school on a regular basis. Some uniform fees/costs will be requested. Scholarship funds may be provided to qualified applicants to help defray this expense.

PERFORMING ARTS (continued)

754 – SYMPHONIC BAND

Requirement: Audition required
**Visual, Performing and Applied Art Credit
1 CREDIT**

Symphonic Band provides the most advanced students with the opportunity to study and perform the finest musical literature available for band. Students play the music of great composers representing many periods of music. Students earning a place in this ensemble are expected to maintain a high level of participation and performance achievement. Participation in rehearsals, sectionals and performances outside of class will be required as part of the student's grade. Some uniform fees/costs will be requested. Scholarship funds may be provided to qualified applicants to help defray this expense.

755 – JAZZ LAB

Requirement: Audition/Approval of instructor
OR
.5 CREDIT with prior approval of department chair*
**Visual, Performing and Applied Art Credit
1 CREDIT**

Jazz Lab is designed to provide students with an introduction to the art of jazz music. Students will study the history of jazz, jazz theory, jazz performance and improvisation techniques. Skills will be refined through regular performances of standard jazz literature in small ensembles. Jazz Lab is intended for students who play the following instruments: trumpet/cornet, saxophone, trombone, guitar, string bass, electric bass, piano/keyboard, drum set/percussion. (Flute and clarinet players may enroll upon approval of instructor). Students enrolled in Jazz Lab will have the opportunity to rehearse and perform with a school jazz band. Reading music is required.

757 – CONCERT ORCHESTRA

Prerequisite: Previous training
Requirement: Approval of instructor
**Visual, Performing and Applied Art Credit
1 CREDIT**

Concert Orchestra meets the needs of students who have not yet mastered the skills necessary for Symphony Orchestra. Participation in the instructional class of the Concert Orchestra is limited to members of the string section: violin, viola, cello, string bass, and harp. Concert Orchestra may meet during the same hour as Symphony Orchestra. Special attention is given to individual tuning, proper bow usage, tone production, rhythm, and other musical skills. Participation in rehearsals, sectionals and performances outside of class will be required as part of the student's grade. Students enrolled in Orchestra will be expected to participate in Full Orchestra. Woodwind, brass and percussion players will be auditioned for Full Orchestra. Full Orchestra rehearsals will be held before school on a regular basis. Some uniform fees/costs will be requested. Scholarship funds may be provided to qualified applicants to help defray this expense.

** Permission to enroll for .5 CREDIT (one semester only) may be given because of schedule conflicts with graduation requirements or single section semester classes.*

NOTE: The configuration of instrumental classes may vary from year to year at the discretion of administrators in consultation with teachers in order to develop the optimal plan to enhance student learning.

CHORAL MUSIC**766 – CHOIR - BEGINNING - SOPRANO AND ALTO**** **Visual, Performing and Applied Art Credit
1 CREDIT**

Beginning Choir is a non-auditioned class that is open to all students who sing soprano or alto in grades 9-12. The essential purpose of the class is to provide a positive choral experience, which enables the student to communicate effectively within a group while developing greater self-esteem. Students will be introduced to a wide variety of choral literature including sacred, classical, music theater and contemporary music. Movement will be incorporated into classes. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include October Concert, Fall Follies, Community Caroling, Holiday concerts, MSVMA festivals, spring concert, and June Broadway concert). A select ensemble may be formed from this class with rehearsals before and/or after school hours to prepare more advanced literature. Optional opportunities include summer workshops, all-school musical, honors choirs and private voice study. Some costume fees will be requested.

767 – CHOIR - BEGINNING - TENOR AND BASS** **Visual, Performing and Applied Art Credit
1 CREDIT**

Beginning Choir is a non-auditioned class that is open to all students who sing tenor or bass in the grades 9-12. The essential purpose of the class is to provide a positive choral experience, which enables the student to communicate effectively within a group while developing greater self-esteem. Students will be introduced to a wide variety of choral literature including sacred, classical, music theater, and contemporary music. Movement will be incorporated into classes. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include October Concert, Fall Follies, Community Caroling, Holiday concerts, MSVMA festivals, spring concert, and June Broadway concert). A select ensemble may be formed from this class with rehearsals before and/or after school hours to prepare more advanced literature. Optional opportunities include summer workshops, all-school musical, honors choirs and private voice study. Some costume fees will be requested.

**Depending upon enrollment, beginning choir may be an all female choir, an all male choir, or may be a combined male and female mixed choir.

768 – CHOIR - INTERMEDIATE MIXED Requirement: Audition
**Visual, Performing and Applied Art Credit
1 CREDIT****Grades 10-11-12**

Intermediate Mixed Performing Ensemble chosen by audition. The purpose of this class is to provide a positive choral experience, which enables the student to communicate and develop both the musical knowledge and skills to perform a wide variety of musical styles and repertoire. Students will have the opportunity to perform music from classical, music theatre, show choir and major works by master composers. Movement and staging will also be incorporated into the class. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include October Concert, Community Caroling, Fall Follies, Holiday concerts, MSVMA Choral Festival, spring concert and June Broadway concert). This group may combine with Concert Choir I to prepare major works, which would require additional evening rehearsals to prepare. Optional opportunities include small ensembles to perform community service shows, summer workshops, all-school musical, honors choirs, vocal jazz and private voice study. Some costume fees will be requested.

PERFORMING ARTS (continued)

769 – CHOIR – ADVANCED WOMEN’S

Requirement: Audition

**Visual, Performing and Applied Art Credit
1 CREDIT**

Grades 10-11-12

Advanced Women’s Performing ensemble chosen by audition. The purpose of this class is to provide a positive choral experience, which enables students to communicate and develop both the musical knowledge and skills to perform a wide variety of musical styles and repertoire. Students will have the opportunity to perform more advanced music from classical, music theatre, show choir, and major works by master composers. Movement and staging will also be incorporated into the class. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include October Concert, Fall Follies, Community Caroling Holiday concerts, MSVMA festivals, spring concert, and June Broadway concert). This group may combine with Concert Choir I to prepare major works, which would require additional evening rehearsals to prepare. Optional opportunities include small ensembles to perform community service shows, summer workshops, all-school musical, honors choirs, private voice study and vocal jazz. Some costume fees will be requested.

770 – CHOIR - ADVANCED MIXED

Requirement: Audition

**Visual, Performing and Applied Art Credit
1 CREDIT**

Grades 11-12

Advanced Mixed Choir is a mixed select performing ensemble which provides students with the experience of performing advanced choral and music theatre literature including oratorios, madrigals, show choir, and classical literature. This class demands excellent skills in sight-reading, pitch, tone perception and showmanship. Movement will be incorporated in the curriculum with scheduled after-school rehearsals required. Students perform at school concerts and events as well as community service performances. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include October Concert, Fall Follies, Community Caroling, Holiday Concert, MSVMA Festivals, Major Works Concert, Spring Concert, and Spring Broadway and/or Pops Concert). Optional opportunities include small ensembles to perform community service shows, summer workshops, all-school musical, honors choirs, solo singing, private voice study and vocal jazz. Some costume fees will be requested. Scholarship funds may be provided to qualified applicants to help defray this expense.

MUSIC THEORY AND TECHNOLOGY

772 – MUSIC THEORY I

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Music Theory I is a one-semester course designed for students who have had prior music experience in Choir, Band, Orchestra, and/or private study. Students will acquire basic skills in notation, composition, ear training and other fundamentals of basic music theory. These skills are of value to students who wish to use music as an avocation, pursue a career in music, or broaden their appreciation of music.

773 – MUSIC THEORY II

Prerequisite: Music Theory I

or

passing Level I on the Theory Placement exam.

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Students will build on the skills acquired in Music Theory I. Students will identify and write major and minor scales, intervals, triads, seventh chords, and inversions. Students will analyze four-part chorales using roman numerals and inversion (figured bass) symbols. Ear training and sight-singing exercises accompany each unit of study. Students are introduced to musical form (binary, ternary, etc.).

PERFORMING ARTS (continued)

774 – MUSIC THEORY III

Prerequisite: Music Theory II
or
passing Level II on the Theory Placement exam.
**Visual, Performing and Applied Art Credit
.5 CREDIT**

Students will build on the skills acquired in Music Theory II and will compose and analyze 18th century chorales and learn Binary and Ternary form. Students will compose and enter a 16 bar four-part harmony chorales, in ABA form, with chord charts, into FINALE. Students will sight sing in both bass and treble clefs and identify all forms of major, minor and chromatic scales and modes, as well as ascending and descending simple and compound intervals.

775 – AP MUSIC THEORY IV

Prerequisite: Music Theory III
**Visual, Performing and Applied Art Credit
.5 CREDIT**

Course includes harmonic analysis of music in various textures (diatonic triads and seventh chords, non-harmonic tones, secondary dominants, simple forms), accompanying ear training exercises (scales, intervals, triads, seventh chords, harmonic and melodic dictation, analytical listening), and sight-singing. Students compose four-part chorales following rules of the common practice period. An introduction to Twentieth-century music is provided. Students are encouraged to take the AP Music Theory Examination upon completion of this course.

776 – MUSIC THROUGH TECHNOLOGY I

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Music Through Technology is designed to teach the basics of Musical Instrument Digital Interface (M.I.D.I.), including sequencing, notation, and orchestration. Students will use music keyboards, synthesizers and computers to experiment with synthetic sounds and learn to read and play notated music. Students will acquire and develop basic skills in music composition. This class can meet the needs of both performing and non-performing students who wish to learn more about music technology. Students should have some piano skills and know the knots on the grand staff and keyboard. This course fulfills your computer requirement or fine arts requirement.

777 – MUSIC THROUGH TECHNOLOGY II

Prerequisite: Music Through Technology I
**Visual, Performing and Applied Art Credit
.5 CREDIT**

Grades 10-11-12

Music Through Technology II will further develop keyboard techniques and apply rules of theory to music composed through the medium of computers and sequencing software. Advanced sequencing skills including editing, quantizing, sampling, and using chord symbols will be taught. Students will learn notation and improvisational software programs. Students will write compositions to be performed in concert.

779 – MUSIC THROUGH TECHNOLOGY III

Prerequisite: Music Through Technology II
or
Approval of Instructor
**Visual, Performing and Applied Art Credit
.5 CREDIT**

Grades 11-12

Music through Technology III is an advanced class that builds upon the foundation, knowledge and skills gained in Technology I and II. Students learn more advanced skills in sequencing, composing, improvising and sampling in addition to working with harmonic software programs. Students will record and edit compositions.

PIANO

781 – PIANO I

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Piano I starts at the beginning with fundamentals of playing the piano. The course is an individualized study using a keyboard in a lab setting. The student will learn notation, how to play scales, rhythm notation and how to play the rhythm, chords and basic one and two handed songs related to the piano keys. Students will apply what they learn on the synthesizer to an acoustic piano several times during the semester in a class performance.

ACTING

786 – ASPECTS OF ACTING

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Aspects of Acting is designed to discover and expand performance skills at all levels; no acting experience is necessary. Students will use script and character analysis to enhance natural performance ability. Special emphasis is placed on staging techniques, the use of movement and gestures, and the enhancement of vocal quality and projection. Theatre games, improvisation, comedy sports events, and attendance at professional or local productions are used to achieve these goals. Scenes will be written and performed in class with the ultimate goal of performing for special events and possibly in one of the major school productions.

787 – ACTORS WORKSHOP

Requirement: Successful completion of Aspects of Acting

or

Teacher recommendation

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Actor's Workshop is designed for the serious acting student and is open to those who successfully complete Aspects of Acting and/or show sufficient promise or talent through audition with the instructor. Students will study the craft of acting, play script analysis, and performance techniques designed to enhance both their talents and their understanding of the demanding work of today's professional actor. Theatre games, improvisation, and comedy sports events are used to develop these skills. Students prepare a variety of scenes, monologues, and performance art pieces as they experiment with directing and design techniques, attend local performances, and possibly participate in school or local productions.

TELEVISION PRODUCTION

793 – TELEVISION PRODUCTION I

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Television Production I introduces students to fundamental, technical and creative aspects of television production, operation of equipment, camera and sound techniques, basic script writing, graphics, and a variety of programming possibilities. Through reading, watching and analyzing films and television programs, students will gain a critical awareness and knowledge of the television medium. Students will learn to write scripts through a series of steps designed to yield a shooting script that is production oriented and appropriate for a project, either assigned or created by the student. Students will collaborate to effectively communicate their message. They will function as a team to set program goals, to produce a TV product by applying their knowledge of current TV technology. This course is designed with a focus on the studio workshop; it will provide students with opportunities to experience the total process of television production. Further, it is important for students to learn to collaborate as multi-age creative teams. There will be many opportunities for students to learn by doing, inquiring, and discovering.

PERFORMING ARTS (continued)

794 – TELEVISION PRODUCTION II

Prerequisite: Television Production I

**Visual, Performing and Applied Art Credit
.5 CREDIT**

Television Production II builds on techniques mastered in Television Production I and continues with a more rigorous production agenda. Multi-camera live studio television will be emphasized and on-location videotaping will be incorporated into productions. Students will also gain exposure to creative research, strategy development, advanced TV scripting, and storyboarding. Computer based post-production editing is emphasized. Other production components taught include: camcorder training, lighting, scripting, and set design. Projects for video announcements are an integral part of this class. These courses will also emphasize the importance of deadlines and encourage self-motivation and independent study skills.

795 – TELEVISION PRODUCTION III

Prerequisite: *Television Production II

Visual, Performing and Applied Art Credit

Grades 10-11-12 *with permission of instructor

.5 CREDIT

Television Production III continues to build on skills developed in Television Production I and II, and has the objective of encouraging students to develop mastery in television scripting, directing, producing, and editing. Student self-direction is essential since the class provides an integrated experience for a mixed group of students at a variety of ability levels. When possible and when placement is available, students with highly developed skills will be recommended for intern positions with commercial television producers, directors, or companies. Some students with specific individual interests in athletics, music, video announcements, or other school related activities may elect to focus on these areas while increasing their television production skills.

796 – TELEVISION PRODUCTION IV

Prerequisite: *Television Production III

797 – TELEVISION PRODUCTION V

Prerequisite: *Television Production IV

798 – TELEVISION PRODUCTION VI

Prerequisite: *Television Production V

Visual, Performing and Applied Art Credit

Grades 10-11-12 *with permission of instructor

.5 CREDIT

Television Production IV, V, and VI are an advanced sequence of courses that build on the foundation, knowledge and skills gained in Television Production I – III. Students learn new responsibilities related to planning, organizing, and executing projects and deadlines while participating on many shoots using mobile equipment and video announcement production.

PHYSICAL EDUCATION

Physical Education

Introduction to Team Sports

Grade 9

Introduction to Lifetime and Leisure Activities

Grade 9

Developmental Learning Program Physical Education

North Only

ELECTIVES:

Lifetime and Leisure Activities - Advanced

Lifeguard/Water Safety Instructor (WSI) Certification

Personal Fitness

Team Sports - Advanced

Weight/Strength Training

916 – INTRODUCTION TO TEAM SPORTS

Grade 9

1 CREDIT

This year long course offers students the opportunity to develop and improve skills and maintain an appropriate level of fitness through the enjoyment of participation in both indoor and outdoor team sports. Students learn the rules, skills, strategies, and etiquette appropriate for each activity. Activities may include; Soccer, Basketball, Football, Softball, Floor Hockey, Aquatics, Volleyball, Racquet Sports, cooperative games, and team building. A CPR unit will also be included and will allow students the opportunity to become certified by the American Heart Association.

917 – INTRODUCTION TO LIFETIME AND LEISURE ACTIVITIES

Grade 9

1 CREDIT

This year long course offers individual sports and fitness activities that can be used for recreation throughout life. Students will be better equipped to maintain a healthy lifestyle and develop stress reduction techniques. Students learn the rules, skills, strategies, and etiquette appropriate for each activity. Activities may include Yoga, Pilates, Aquatics, Badminton, Volleyball, Golf, Pickle Ball, racquet sports, various aerobic activities, cooperative activities, and strength training, including the use of the school fitness center. A CPR unit will also be included and will allow students the opportunity to become certified by the American Heart Association.

988 – DEVELOPMENTAL LEARNING PROGRAM NORTH

- PHYSICAL EDUCATION

Requirement: Prior approval of the instructor is required

Grade 9-10-11-12

1 CREDIT

This is a course for students who have been assessed as having special instructional needs in physical education. Gross motor movements are practiced through sports skills, games, and a strong emphasis on exercise and aerobic activities. Less competitive activities and evaluations are emphasized.

PHYSICAL EDUCATION (Continued)

ELECTIVE COURSES

904 – LIFETIME AND LEISURE ACTIVITIES - ADVANCED

.5 CREDIT

Students concentrate on developing fundamental skills to accelerated levels in lifetime activities. The classroom setting will have competitive and non-competitive situations with emphasis placed on strategy and rules in lifetime activities. The basic objectives of this course are individual improvement and development of individual skills. Activities may include: Racquet Sports, Golf, Aerobics, Volleyball, Weight Training, and various fitness activities.

905 – LIFE GUARD/WATER SAFETY INSTRUCTION (WSI) CERTIFICATION

.5 CREDIT

Requirement: Student must be 16 years of age by the end of the course (American Red Cross Standard)

This Physical Education elective course will follow the American Red Cross Life Guarding/WSI curriculum and, for students who wish to pay the fee, will provide Red Cross certification for Life Guarding, WSI, CPR/Professional Rescuer, and First Aid. Students will take a written as well as practical test in Life Guarding, WSI, Cardiopulmonary Resuscitation, and First Aid. Written parental permission is required for this class. Students wishing to purchase their textbook at the end of the course to use as a reference may do so as well.

907 – PERSONAL FITNESS

.5 CREDIT

The class is designed to emulate a health club atmosphere. Participation in leisure activities as well as exercising with resistance machines, treadmills, stationary bikes, elliptical riders, aerobic videos and related activities. Each student will gain knowledge of nutrition and its role in overall fitness, how to increase and maintain cardiovascular endurance, develop body awareness, increase strength and flexibility, and design a personal fitness program.

908 – TEAM SPORTS - ADVANCED

.5 CREDIT

Students concentrate on developing fundamental skills to accelerated levels in team sports. The classroom setting will be competitive situations with emphasis on strategy and rules in team sports. The basic keys of this course are sportsmanship and teamwork, with emphasis on improvement on individual skills. Activities may include: Flag Football, Soccer, Softball, Basketball, Volleyball, and Floor Hockey.

909 – WEIGHT/STRENGTH TRAINING AND CONDITIONING

.5 CREDIT

Students choose a personal exercise goal. Individuals will select the appropriate program intensity for him/her. Students may train for specific sports or related activities. A general lifting program is also available for the person seeking total fitness. Student's progress will be monitored regularly and adjustments made when necessary.

SCIENCE

Foundational Biological Science Courses

Biology
Honors Biology

Foundational Physical Science Courses

Chemistry
Honors Chemistry
Earth Science
Honors Earth Science
Physics
Honors Physics

Elective Biological Science Courses

AP Biology
AP Environmental Science
Applied Medical Research with Clinical Investigations (NORTH)
Investigations in Medicine (SOUTH)
Environmental Science
Microbiology
Physiology

Elective Physical Science Courses

Astronomy (NORTH)
Advanced Topics in Astronomy (NORTH)
AP Chemistry
Environmental Science
AP Environmental Science
AP Physics
Geology
Introduction to Organic Chemistry (**PILOT**)

REQUIREMENTS: Students are required to complete 3 credits in science
Students must take science in either 9th or 10th - 9th is strongly recommended
The required 3 credits must include:
1 CREDIT in Biology
1 CREDIT in either Chemistry or Physics
1 CREDIT in an additional Science course

RECOMMENDED: Students who plan a four-year college experience should take at least 1 more credit in foundational science courses

Recommended Honors Sequence

Honors Biology*
and/or
Honors Earth Science
Honors Chemistry
and/or
Honors Physics
Advanced Placement Courses
or
other electives

College Preparatory Sequence

Earth Science

Biology

Chemistry
and/or
Physics
Chemistry
or
Physics or
other elective options

AP Courses and Other Electives

AP Biology, AP Chemistry, AP Environmental Science, AP Physics, Astronomy, Advanced Topics in Astronomy, Applied Medical Research and Clinical Investigations, Environmental Science, Geology, Microbiology, Physiology, Robotics

Some horizontal movement across sequences is allowed and expected.

*Students should be enrolled in Honors Geometry or higher level math

FOUNDATIONAL COURSES**404 – HONORS BIOLOGY**

Recommendation for 9th grade: concurrent enrollment in
Honors Geometry

Students may receive credit for one Biology 404 *or* 405

Recommendation for 10th grade: Geometry CP or higher

Grades 9-10**1 CREDIT**

Honors Biology is a highly challenging course using Biological Sciences Curriculum Study materials in studying the diversity of living things and their dynamic process. Emphasis is placed upon understanding how living systems work. A biochemical approach is used to study cellular processes and systems of the body including human genetics. Laboratory exercises repeat landmark discoveries which shaped scientific thinking in the development of major theories (cell, germ, gene, evolution.) Students wanting a challenging science should elect 404 as it prepares for advanced study in biology, health, and the environment.

405 – BIOLOGY

Students may receive credit for one Biology 404 *or* 405

Grades 10-11-12 (primarily 10th)**1 CREDIT**

This is a lab-oriented overview of living processes, anatomy, classification, major theories (cell, germ, gene, evolution), similarities and diversity in life forms, heredity, the biological basis for behavior, and the relationships of living things with one another and the environment. College-bound students wishing a survey course in biological science will find this course stimulating and informative. There is an emphasis on cell biology and biochemistry of living things in this lab-oriented general overview of the general knowledge an educated person needs to understand the technological progress being made. This course is designed for the college-bound student, but does not reach the depth of Honors Biology.

407 – EARTH SCIENCE**Grade 9****1 CREDIT**

Earth Science is a lab-oriented, hands-on course that introduces students to the four main spheres of the Earth system: space (Earth environment), geosphere (solid Earth), hydrosphere (fluid Earth), atmosphere (gaseous/fluid Earth), and biosphere (living Earth). Students will study interactions between the four spheres, appreciate the amazing power of the natural world around them, and become scientifically informed citizens. Earth Science integrates concepts in Biology, Chemistry, and Physics, and teaches the essential and core content expectations that will be tested by all juniors on the Michigan Merit Exam.

408 – HONORS EARTH SCIENCE

Requirement: Algebra I or Geometry

Grade 9**1 CREDIT**

Honors Earth Science is a highly challenging course designed for students continuing in honors science (including Advanced Placement) courses for four years. The content of this lab-oriented, hands-on course are the four main spheres of the Earth system: geosphere, hydrosphere, atmosphere, and biosphere. Through critical thinking and use of mathematical skills, students will study interactions between the four spheres, appreciate the amazing power of the natural world around them, and become scientifically informed citizens. Integrating concepts in Biology, Chemistry, and Physics, Honors Earth Science teaches students an in-depth understanding of the essential and core content expectations tested by all juniors on the Michigan Merit Exam.

SCIENCE (continued)

411 – HONORS CHEMISTRY

Prerequisite: Algebra I

Pre or Co-requisite: Algebra II CP or Honors Algebra II

Students may receive credit for one Chemistry: 411 *or* 412

Grades 10-11-12

1 CREDIT

The Honors Chemistry course is designed for college-bound students aiming for later advanced college experiences in science. Learners consider the underlying principles and theories of chemistry. Topics covered include, but are not limited to, qualitative and quantitative relationships involving atomic theory and structure, mole-mass relationships, chemical reaction types and stoichiometry, chemical bonding, molecular geometry, chemical equilibrium, acid-base models and pH, thermochemistry, chemical thermodynamics, kinetics and electrochemistry. Students approach Chemistry from a quantitative basis; the experimental basis of theories is stressed. Students may expect typical activities such as discussion sessions, demonstrations, and lab work carefully integrated with the other activities. Technology is used when applicable.

412 – CHEMISTRY

Pre or Co-requisite: Algebra I

Students may receive credit for one Chemistry: 411 *or* 412

Recommended: Enrollment in Algebra II

Grades 11-12

1 CREDIT

This Chemistry course is designed for students interested in chemistry but who may not be considering a career in the sciences. The same problem solving skills that are used in Algebra are implemented in this course. Typical activities are discussion sessions, demonstrations, lab work, problem solving, and projects. Students approach Chemistry from a quantitative basis; the experimental basis of theory is stressed. This Chemistry course is a college preparatory science offering (see also Honors Chemistry 411).

421 – HONORS PHYSICS

Prerequisite: Algebra I, II, and Geometry
(Pre-Calculus also preferred)

Students may receive credit for one Physics: 421 *or* 422

Math Related Credit

Grades 11-12

1 CREDIT

This course is designed for high ability math students who plan a career in engineering or the sciences and anticipate having to take a physics course in college. Students with a background in trigonometry will find problem-solving easier. Major topics include kinematics, dynamics, optics, waves, electricity and magnetism.

422 – PHYSICS

Prerequisite: Algebra I and Geometry

Students may receive credit for one Physics: 421 *or* 422

Math Related Credit

Grades 11-12

1 CREDIT

Physics is a general survey course for students who are interested in physics but do not plan a career in science or engineering. It is also directed to those students who may have to take physics or physical science in college. A background in trigonometry is not assumed. Major topics include kinematics, dynamics, optics, waves, electricity, and magnetism.

ELECTIVE COURSES - BIOLOGICAL SCIENCE

445 – AP BIOLOGY

Prerequisite: Honors Biology and Honors Chemistry

or

Honors Biology and approval of Department Chair and Counselor

Grades 11-12 (10th with approval of department chair)

1 CREDIT

The curriculum of AP Biology parallels that of a freshman level college biology course. The content is from three areas: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. The approach to learning concentrates on topics, concepts, and themes rather than memorization of facts. Lab work, much of which has been developed by the AP Biology Development Committee, is a significant form of assessment.

SCIENCE (continued)

450 – ENVIRONMENTAL SCIENCE

Prerequisite: Biology *or* Honors Biology

Grades 10-11-12

1 CREDIT

Environmental Science is a choice to be considered for the college-bound student who wants to complete a 40-50 credit science sequence. Students are introduced to complex environmental issues. This course will raise student awareness by investigating causes, effects, and devising solutions for today's and tomorrow's ecological dilemmas. Topics include ecosystems, wildlife, populations, pollution, energy concerns, land use, conservation, food additives, health, and career options. Activities include individual and group projects, field trips, lab work, technology applications, research, and collaborative discussions. Environmental science lends itself to be taken concurrently with other science electives.

451 – AP ENVIRONMENTAL SCIENCE

Prerequisite: One biological science, one physical science

Grades 11-12

1 CREDIT

Advanced Placement Environmental Science offers curriculum equivalent to a freshman level college course. Course contents include the study of ecological principles, human resources, environmental quality, and wilderness management. Emphasis is placed on gathering, analyzing and interpreting data through a variety of laboratory experiences. Activities include lectures and discussions, experimentation, field work, research and projects.

487 – INVESTIGATIONS IN MEDICINE

SOUTH

Prerequisite: Successful completion of Honors Biology and Honors Chemistry

Recommended: AP Biology *or* Physiology

Grade 11-12

.5 CREDIT

Investigations in Medicine provides students who are planning on furthering their education in the medical field an exposure to the internal workings of the hospital, patient care, as well as medical research and case studies. This semester class will coordinate the experiences students had or will have in the clinical rotations they are offered to participate in during the summer months.

491 – PHYSIOLOGY

Prerequisite: Successful completion (B or better) in Biology

Grades 10-11-12

.5 CREDIT

This is a basic course covering essential concepts of human physiology. The various topics include the study of cell biology and the integration of physiological body systems. The study of these components will involve an understanding of four major areas: organization of the body; skeletal movement and muscles; the nervous and sensory systems; and body maintenance-blood/cardiovascular system, respiratory system. This course deals specifically with human physiology, with its main purpose to increase your knowledge and understanding of how the human body works. The course is organized to progress from the cellular level, to integrated system functioning (e.g., cardiovascular, pulmonary, etc.) to the total body. Lab experiments in the course are related to physiology and therefore, provide the necessary background for understanding the chemical and physical phenomena that underlie the structure and function of the systems of the human body. Upon successful completion of this course you will come to appreciate yourself as a "wonderfully made being." This course will provide a solid foundation to build upon in the pre-medical and dental college curriculum.

492 – MICROBIOLOGY

Prerequisite: Successful completion (B or better) in Biology

Grades 10-11-12

.5 CREDIT

Microbiology is concerned with an in-depth examination of the microbial world. A basic background in chemistry may be helpful in understanding the concepts of microbiology; although chemistry is not a prerequisite to the course. This is a lab based class with studies in microscopy, morphology, growth and classification of microorganism; method of cultivation, isolation, and staining methods of microorganism; media preparation for microorganism; and microbial identification. Students will learn proper techniques used in microbiology lab in order to investigate, identify and classify microbes. This course will provide background for students interested in a pre-medical and dental college curriculum.

SCIENCE (continued)

493 – APPLIED MEDICAL RESEARCH WITH CLINICAL INVESTIGATIONS

NORTH

Prerequisite: Completion of Biology (B or better) and
Chemistry (Honors level preferred; B or better)

Recommended: AP Biology *or* Physiology

or

Microbiology **and** Physics

or

concurrent enrollment in Physics

Junior Status with instructor approval

Grade 12

1 CREDIT

Applied Medical Research with Clinical Investigations provides upperclassmen, who are strongly motivated to pursue a career in medicine, a broad exposure to clinical rounds and medical research. Shadowing experiences in clinical rounds at hospitals, doctor's offices, and at University research departments highlight the learning in the course. Class seminars, both didactic and collaborative, deepen understanding of pathophysiology and present challenging medical case studies. Students apply academic study to the problem-solving tasks associated with medical research – designing, implementing, and communication research projects through multimedia and final colloquium. Academic concepts are applied in clinical/research rounds, course studies, laboratory setting, student-initiated research, and case study analyses.

ELECTIVE COURSES - PHYSICAL SCIENCE

413 – AP CHEMISTRY

Prerequisite: C in Honors Chemistry

or

Department Chair and Counselor approval

Grade 11 or 12

1 CREDIT

Students prepare for the advanced placement (AP) test by enrolling in this college-level chemistry course. Success on the AP test and the advanced laboratory experiences may lead to second-year work in the college chemistry sequence while still freshmen or to immediate work in other fields where general chemistry is a prerequisite, or to savings of some college costs. In AP chemistry, basic concepts already studied are extended and new concepts contained within the AP curriculum are introduced. There is much opportunity for working in the laboratory.

415 – INTRODUCTION TO ORGANIC CHEMISTRY PILOT

Prerequisite: Chemistry or Honors Chemistry

Grade 11-12

1 CREDIT

Introduction to Organic Chemistry will focus on the fundamental structures of organic molecules and the methods used to study them. A basic understanding of the reactions and properties of organic molecules will be developed and applied to a real world understanding of the topic. Students will leave with a fundamental understanding of organic chemistry and will be prepared to succeed in an organic chemistry class at the university level.

423 – AP PHYSICS

Prerequisite: Honors Physics

Requirement: Concurrent enrollment in calculus

Math Related Credit

Grade 12

1 CREDIT

This course prepares students for the AP Physics C level Mechanics exam. Students will learn to apply the calculus to solve physics problems. Class activities will include demonstrations, lectures, labs, computer simulations, computer based labs, computer analysis of data, and an abundance of problems. In addition to a thorough preparation for the exam, students will also study other topics from introductory college physics.

SCIENCE (continued)

450 – ENVIRONMENTAL SCIENCE

Prerequisite: Biology *or* Honors Biology

Grades 10-11-12

1 CREDIT

Environmental Science is a choice to be considered for the college-bound student who wants to complete a 40-50 credit science sequence. Students are introduced to complex environmental issues. This course will raise student awareness by investigating causes, effects, and devising solutions for today's and tomorrow's ecological dilemmas. Topics include ecosystems, wildlife, populations, pollution, energy concerns, land use, conservation, food additives, health, and career options. Activities include individual and group projects, field trips, lab work, technology applications, research, and collaborative discussions. Environmental science lends itself to be taken concurrently with other science electives.

451 – AP ENVIRONMENTAL SCIENCE

Prerequisite: One biological science, one physical science

Grades 11-12

1 CREDIT

Advanced Placement Environmental Science offers curriculum equivalent to a freshman level college course. Course contents include the study of ecological principles, human resources, environmental quality, and wilderness management. Emphasis is placed on gathering, analyzing and interpreting data through a variety of laboratory experiences. Activities include lectures and discussions, experimentation, field work, research and projects.

486 – GEOLOGY

Grades 11-12 (10th graders with approval of Department Chair and Counselor)

1 CREDIT

In this course, students will develop and apply investigative techniques to explore the Earth's surface and interior processes. Students will consider geologic problems such as the dwindling of mineral resources, geologic hazards, erosional implications, and managing water resources. Hands-on activities, including virtual field trips, will deepen student understanding. This course will emphasize Michigan geology, and extend studies to the formation of natural wonders such as Niagara Falls, the Grand Canyon, Hawaiian volcanoes, and Yellowstone's geysers. Opportunities for students to grow in their understanding of general geologic processes and the techniques used to study them will be integrated throughout this course.

Note: Students wishing to take an optional exam may receive college credit with a passing grade on the exam.

494 – ASTRONOMY

NORTH

Prerequisite: 1 year of science

Requirement: Completion of Algebra I

Grades 10-11-12

.5 CREDIT

Astronomy is a course that presents a general inventory of the universe, from solar system bodies to galaxies. Students consider theories about the scale, content and motion of objects in space from both historical perspectives and through the use of current technologies. The course work involves field exercises, lab work and planetarium experiences.

499 – ADVANCED TOPICS IN ASTRONOMY

NORTH

Prerequisite: C in Astronomy

Grades 10-11-12

.5 CREDIT

This course emphasizes techniques of field observation, scientific research and planetarium production. It prepares students for a future career in any area of science research or an astronomy-related job. It also develops the skills necessary for a hobby of amateur astronomy. Students will learn how to operate telescopes and imaging systems. They will also conduct authentic research, and will work in a group to produce their own planetarium show.

SOCIAL STUDIES

REQUIRED COURSES

World History and Geography (1)
or
Honors World History and Geography (1)

U. S. History and Geography (1)
or
AP U. S. History (1)

Government (.5)
or
AP US Government and Politics (.5)

AND

Economics (.5)
or
AP Macroeconomics (.5)
or
AP Microeconomics (.5)

ELECTIVES

AP United States Government and Politics (.5)	American Legal System (.5)
AP European History (1)	Anthropology (.5)
AP Macroeconomics (.5)	Psychology (.5)
AP Microeconomics (.5)	Sociology (.5)
AP Psychology (.5)	

REQUIRED COURSES

511 – UNITED STATES HISTORY AND GEOGRAPHY

Grades 10-11-12

1 CREDIT

Beginning with the period of Industrialization, students will examine and analyze the history of the United States from the late nineteenth century to the present through a study of our politics, geography, culture, economy, and foreign policy. Students will develop numerous thinking, writing, communications, and technological skills through the use of primary and secondary sources.

512 – AP UNITED STATES HISTORY AND GEOGRAPHY

Grades 10-11-12

1 CREDIT

The Advanced Placement course in U.S. History makes demands on students' equivalent to those of an introductory college course. In addition to a thorough study of historical developments and facts, students examine their context and significance. Students read analytically and critically to evaluate historical evidence and interpretations, and to form conclusions on the basis of knowledgeable judgment. Students use college-level history books supplemented with monographs and primary sources, and are expected to engage in substantial independent reading and study. Students take the AP U.S. History College Board exam with the expectation of receiving college credit.

523 – ECONOMICS

Grades 10-11-12

.5 CREDIT

Economics examines the principles and problems of the free enterprise system. It gives students an understanding of the market economy: what it is, how it developed, and how it works. They examine the price system, principles of money and banking, and theories and practices of credit and marketing. Other topics include choices of business and other organizations, role of the government, other economic systems, international trade and globalization, and personal finance. The national income is analyzed.

572 – WORLD HISTORY AND GEOGRAPHY

Grades 9-10

1 CREDIT

World History and Geography takes a global and comparative approach to studying the world and its past to develop greater understanding of the development of worldwide events, processes, and interactions among the world's people, cultures, societies, and environment. The expectations are organized using both time and space to engage students in cross-temporal and cross-regional studies. Integrating geography and history, the content expectations are organized within historical eras and different geographic scales. That is, within each era students' work at three interconnected spatial scales: the global, interregional, and regional. Beyond comparing historical events and cultures across time and space, students are encouraged to compare their own values with those of other cultures, to investigate special topics of interest, to examine multiple and varied information sources, to seek multiple causes for events, to analyze and interpret ideas and events, and to develop conclusions of their own

573 – HONORS WORLD HISTORY AND GEOGRAPHY

1 CREDIT

Grade 9

Honors World History and Geography emphasizes a more in-depth development of topics (see World History) at a faster pace and with increased rigor in writing, use of primary source material, including research and analysis. This course is designed to be challenging to freshmen with a high interest in Social Studies who are likely to continue high school social studies at the Advanced Placement level.

SOCIAL STUDIES (continued)

574 – GOVERNMENT

Grades 10-11-12

.5 CREDIT

Students in American Government study federal, state, and local government as well as current issues with emphasis on the federal level. In addition to meeting part of the Social Studies graduation requirement, this course is designed for students who contemplate a career in law, public administration, business, or politics.

ELECTIVE COURSES

504 – AP EUROPEAN HISTORY

Comment: Prior completion of AP US History is recommended

Grades 11-12

1 CREDIT

The purpose of this course is to give select interested students the opportunity to study in depth some of the most significant developments and ideas in European history. Emphasis is given to questions in intellectual-cultural and social-economic history as well as the traditional political-diplomatic subjects. The course focuses primarily on the period from the Renaissance to the present (approx. 1450-1990). Students prepare to take the AP Test in European History with the expectation of receiving college credit.

522 – AP UNITED STATES GOVERNMENT AND POLITICS

Grades 11-12

.5 CREDIT

The AP course in American Government and Politics is designed to help students acquire a critical perspective on government and politics in the United States. The course develops the ability to analyze and interpret readings, data, and other sources of information dealing with the complexities of the American democratic system. Expectations and requirements are comparable to an introductory American Government college course. North HS requires a summer project.

525 – SOCIOLOGY

Grades 10-11-12

.5 CREDIT

Sociology appeals to students concerned about culture socialization, family, stratification, discrimination, poverty, marriage and divorce, child abuse and violence. Students explore these topics by means of class discussion, readings, guest speakers, films, role-playing, research group and individual projects.

526 – AP MICROECONOMICS

Math Related Credit

Grades 11-12

.5 CREDIT

AP Microeconomics is a college level economics course designed to give students a thorough understanding of the basic principles of economics--scarcity, opportunity costs and production possibilities, specialization, and comparative advantage. It also examines the nature and function of product markets--supply and demand, consumer demand, production costs and revenues, product pricing and outputs, competition, and efficiency. It also looks into the role of government in promoting greater efficiency and equity in the economy. Since sound economics is vital to democratic government and business success, this course is especially relevant to the needs of students who have a serious interest in the college study of government and business.

527 – AP MACROECONOMICS

Prerequisite: Successful completion of the
AP Microeconomics course *or* equivalent,
or
permission of the teacher.

**Math Related Credit
.5 CREDIT**

Grades 11-12

Macroeconomics AP is a college level economics course designed to give students a thorough knowledge and understanding of the economic principles that apply to the economy as a whole. The course stresses the study of national income and price determination, economic performance measures, economic growth, and international economics. The course syllabus is aligned with the course content designed by the College Board's Advanced Placement Program.

536 – AMERICAN LEGAL SYSTEM

Grades 11-12

.5 CREDIT

This course assists students approaching the age of adulthood in adjusting to their new rights and responsibilities. Critical thinking exercises are used to study individual roles, family responsibility, law, criminal and civil offenses and the workings of the U.S. legal system.

570 – AP PSYCHOLOGY

Grades 11-12

.5 CREDIT

Students will increase their understanding of the systematic and scientific study of human and animal behavior. Students will be exposed to the various psychological theories, facts, principles and phenomena associated with each of the major sub-fields within the discipline. The increased knowledge gained through psychological inquiry will assist students in developing their perceptions about the world around them, gaining insights into their own and other's behavior and increase their appreciation of the complexity of human behavior.

571 – PSYCHOLOGY

Grades 11-12

.5 CREDIT

Psychology is a course that helps students to better understand the inner workings of the human mind. An overview of the field of psychology is examined as well as the biological aspects and psychological development of humans. The shaping of personality as well as the study of emotion is explored. From a practical aspect, learning about stress and coping provide a student with invaluable information that can be used throughout the student's life.

576 – ANTHROPOLOGY

Grades 10-11-12

.5 CREDIT

Anthropology is designed to give students an understanding of what it means to be human:

- a. Man's earliest ancestors and their physical and cultural development;
- b. Man's primitive ancestors still living today and what they reveal about the origins of our modern behavior;
- c. Man's past civilizations as revealed through the techniques of archaeological field study and reconstruction; and
- d. Man's adaptation to cultural change.

WORLD LANGUAGES

Graduation Requirement is 2 credits earned in the same language series (i.e. Spanish I and Spanish II). It is recommended that students identify the World Language requirement (if any) of the college(s) where they plan on applying for admission.

FRENCH

French I, II, III, IV, V

AP French V

Honors French IV

GERMAN

German I, II, III, IV

AP German IV

ITALIAN

Italian I, II, III, IV

AP Italian IV

LATIN

Latin I, II, III, IV (SOUTH)

SPANISH

Spanish I, II, III, IV, V

Honors Spanish IV

AP Spanish V

201 – FRENCH I

1 CREDIT

This course is intended for students who are beginning the study of French in high school. Students are introduced to a rich variety of activities that develop the four communicative skills of speaking, listening, reading, and writing. Video and audio authentic materials and visuals assist each student's learning. Pair and group work provide students with multiple opportunities for language use. Students are introduced to the broad and various range of the Francophone culture.

203 – FRENCH II

Prerequisite: French I in high school/middle school

1 CREDIT

This course continues to provide students with a wide range of activities for developing and expanding vocabulary, conversation skills, and reading and writing abilities. Multi-media presentations that enhance listening comprehension are an integral part of the class. French II continues to open up to the student the varied cultures and customs of the French world.

206 – FRENCH III

Prerequisite: French II

Grades 10-11-12

1 CREDIT

At this level students continue to improve their language skills, while maintaining a focus on communication. Students enhance their understanding of grammatical structure and learn more sophisticated ways to express themselves. Textbooks are supplemented with a range of materials and activities, including magazine and on-line articles, videos, short stories and poetry, role-playing, games and mini-projects. Students rely less on the more controlled situations presented in textbooks and become increasingly confident in using the language in real life situations.

WORLD LANGUAGES (continued)

208 – FRENCH IV

Prerequisite: French III

210 – FRENCH V

Prerequisite: French IV or Honors French IV

Grades 11-12

1 CREDIT

French IV and V are rotating courses with rotating syllabi. Students electing French IV one year will have the opportunity to elect French V the following year. These offerings are not duplication, but present distinct course materials. French IV and V continue the activities of the preceding course with classes conducted primarily in French. Students will acquire and apply their proficiencies in the language while increasing their knowledge of French peoples. Students will demonstrate their competencies individually and collaboratively in a variety of classroom activities. The course includes a review of the structure of the language, a variety of cultural and literary readings, and multiple opportunities for oral and written expression. **These courses are not intended for AP preparation.**

205 – HONORS FRENCH IV

Prerequisite: French III

Grades 11-12

1 CREDIT

This course, along with French AP the following year, will prepare the students for the AP exam. They will have an opportunity to study the grammar, literature, and culture in greater depth. Knowledge and skills are demonstrated by reading and discussing literary works, listening to, viewing, and discussing videos, writing compositions and impromptu essays, and preparing and presenting oral reports.

204 – AP FRENCH V

Prerequisite: Honors French IV

Grades 11-12

1 CREDIT

This course provides students with the opportunity to study in greater depth the history, culture, literature, and language of the Francophone world and the application of such study to contemporary living. Students in this course read French literature as well as contemporary publications (newspaper, magazines) and write compositions in French. Preparation for the exam includes intense grammar review, listening comprehension practice through the use of authentic audio and video, and the refinement of their speaking skills through continual class practice, discussion and recordings. Students prepare for the Advanced Placement Exam for college placement and credit.

221 – GERMAN I

1 CREDIT

This course is communication-oriented to enable students who go to a German-speaking country to have the basics needed for everyday conversation. Videos and the internet will accompany the text to acquaint students with native speakers and culture. Students work individually, with partners, and in small groups to practice language skills. Role-playing will put learners in real situations and projects will reflect actual use of the language in daily life. The course focuses on active learning with lots of activities, games, multimedia presentations, and on-line learning that practices the skills necessary to master beginning level German.

222– GERMAN II

Prerequisite: German I

Grades 10-11-12

1 CREDIT

Students who have been successful in German I will continue to acquire and apply at a more advanced level the skills needed for communicating both orally and in writing. Videos, on-line exercises, songs, reading, writing, games, and small projects are all activities used to provide supplementary practice and application of skills and vocabulary being studied. Students learn a greater range of vocabulary and idioms for practical living and travel situations and become more proficient in writing. As students are exposed to German traditions and holidays, they develop an appreciation for various aspects of the culture of the German speaking countries.

WORLD LANGUAGES (continued)

225 – GERMAN III

Prerequisite: German II

Grades 11-12

1 CREDIT

Students continue to improve their language skills while maintaining a focus on communication. Students enhance their understanding of grammatical structures and learn more sophisticated ways to express themselves. Textbooks are supplemented with a range of materials and activities including magazine and on-line articles, videos, short stories and poetry, role-playing, games and mini-projects. Students rely less on the more controlled situations presented in textbooks and become increasingly confident in using the language in spontaneous real life situations.

227 – GERMAN IV

229 – AP GERMAN IV

Prerequisite: German III

Grades 11-12

1 CREDIT

At this level, students can choose to enroll in either German IV or German AP IV. While the work done in class is similar, the AP students have more extensive reading and writing assignments to prepare for the challenging AP exam. All students will hear and speak German almost exclusively. They will continue to build their vocabulary base and put it to use in meaningful communication. Students will also review and refine the grammar learned in German I, II, and III. They will read literary works and magazines, write essays and stories, use the language lab for a wide variety of listening and online activities, and prepare themselves to act and react in impromptu situations both orally and in writing.

211 – ITALIAN I

1 CREDIT

This course is for students who are beginning their study of Italian in high school. Students are introduced to a variety of activities to develop the four communicative skills of speaking, listening, reading, and writing. Authentic materials, videos, audio, Internet, and other technology-infused activities are used for students to further their language skills. Pair and group work provide students with multiple opportunities for language use. Students are introduced to the broad and various range of the Italian culture.

212 – ITALIAN II

Grades 10-11-12

Prerequisite: Italian I

1 CREDIT

This course continues to provide students with a wide range of activities for developing and expanding vocabulary, conversation skills, and reading and writing abilities. Textbooks are supplemented with a range of materials and activities including magazine and on-line articles, games, music, videos, and mini-projects. Italian II continues to open up to the student the varied cultures and customs of the Italian world.

213 – ITALIAN III

Grades 11-12

Prerequisite: Italian II

1 CREDIT

At this level students will continue to improve their communicative language skills while maintaining a focus on communication. Students enhance their understanding of grammatical structure and learn more sophisticated ways to express themselves. Textbooks are supplemented with a range of materials and activities including magazine and on-line articles, videos, short stories, games, and mini-projects. Students become increasingly confident in using the language in real life situations.

214 – ITALIAN IV

230 – AP ITALIAN IV

Grades 11-12

Prerequisite: Italian III

1 CREDIT

At this level, students can choose to enroll in either Italian IV or Italian AP IV. While the work done in class is similar, the AP students have more extensive reading, speaking, listening and writing assignments to prepare for the Advance Placement Exam. Students will hear and speak Italian almost exclusively. Students will also review and refine the grammar learned in Italian I, II, and III. They will read literary works as well as contemporary publications (newspaper, magazines) and write essays and stories. Students will improve listening comprehension through the use of authentic audio, on-line news, and movies, and the refinement of their speaking skills through continual class practice, discussions and recordings.

WORLD LANGUAGES (continued)

216 – LATIN I (SOUTH) 1 CREDIT

This course is intended for students who are beginning the study of Latin in high school. Students acquire and apply (at a beginning level) the skills of reading, writing, and speaking Latin. Students demonstrate these skills individually and collaboratively in a variety of activities. Students begin to recognize idioms used by Roman authors, grammatical structure and syntactical principles. Students begin to explore the culture, history, and mythology of Ancient Romans and Greeks as well as some original Latin texts.

217 – LATIN II (SOUTH) Prerequisite: Latin I 1 CREDIT

This course is intended for students who mastered the skills in Latin I. Students acquire and apply (at a more advanced level) the skills of reading, writing, and speaking Latin. They demonstrate these skills individually and collaboratively in a variety of classroom activities. Students continue to recognize idioms used by Roman authors, grammatical structure and syntactical principles. Students continue to explore the culture, history, and mythology of the Ancient Romans and Greeks, and selective samplings of Roman authors.

250 – LATIN III (SOUTH) Prerequisite: Latin II or equivalent 1 CREDIT

In this Latin course, students read selections from Vergil's *Aeneid* as well as selections from other authors such as Horace's *Odes*, Catullus' *Carmina*, Livy's *Ab Urbe Condita*, Cicero's *Orationes*, and various medieval and neo-Latin authors. Students concentrate on improving their knowledge of Latin vocabulary and advanced syntax. The historical, social and political relevance of these works is closely scrutinized. Emphasis is also placed on Latin prose composition skills as well as oral Latin fluency.

252 – LATIN IV (SOUTH) Prerequisite: Latin III or equivalent 1 CREDIT

In this Latin course, students will read course material which alternates between the Horace/Catullus cycle and the Vergil/Latin Literature cycle. In the Horace/Catullus cycle, students read selections from the *Odes* and *Carmina*, as well as selections from Cicero's *Orationes*. In the Vergil cycle, students read selections from various books of the *Aeneid*. Emphasis is placed on critical readings and thoughtful discussions of the text as well as an extensive review of all aspects of Latin grammar, vocabulary, cultural knowledge and prose composition.

231 – SPANISH I 1 CREDIT

This course is intended for students who are beginning the study of Spanish in high school. Students are introduced to a rich variety of activities that develop the four communicative skills of speaking, listening, reading, and writing. Authentic materials, including video and audio recordings, and other visuals assist each student's learning. Pair and group work provide students with multiple opportunities for language use. Students are introduced to the broad and various range of the Hispanic culture.

232 – SPANISH II Prerequisite: Spanish I in high school /middle school. 1 CREDIT

This course continues to provide students with a wide range of activities for developing and expanding vocabulary, conversation skills, and reading and writing abilities. The use of multi-media presentations and technology that enhance students learning are an important part of the class. Spanish II continues to open up to the student the wide and varied cultures and customs of the Hispanic world.

WORLD LANGUAGES (continued)

233 – SPANISH III

Prerequisite: Spanish II

1 CREDIT

At this level students continue to improve their language skills while maintaining a focus on communication. Students enhance their understanding of grammatical structure and learn more sophisticated ways to express themselves. Textbooks are supplemented with a range of materials and activities that may include magazine and on-line articles, videos, short stories and poetry, role-playing, games and mini-projects. Students rely less on the more controlled situations presented in textbooks and become increasingly confident in using the language in real life situations.

234 – SPANISH IV

Prerequisite: Spanish III

Grades 10-11-12

235 – SPANISH V

Prerequisite: Spanish IV

Grades 11-12

1 CREDIT

Spanish IV and V are rotating courses with rotating syllabi. Students electing Spanish IV one year will have the opportunity to elect Spanish V the following year. These offerings are not duplication, but present distinct course materials. Spanish IV and V continue the activities of the preceding course with classes conducted primarily in Spanish. Students will acquire and apply their proficiencies in the language while increasing their knowledge of Hispanic peoples. Students will demonstrate their competencies individually and collaboratively in a variety of classroom activities with a concentration on Spanish conversation. The course includes a review of the structure of the language, a variety of cultural and literary readings, and multiple opportunities for oral and written expression. These courses are not intended for AP preparation.

236 – HONORS SPANISH IV

Prerequisite: Spanish III

Grades 10-11-12

1 CREDIT

Honors Spanish IV, as a precursor to AP Spanish V or college coursework, will be conducted primarily in the target language with a focus on language acquisition and practice through the study of literature, grammar, vocabulary, and culture. This advanced level course requires students to be self-motivated and accountable for their own learning. Students will demonstrate and expand their knowledge and skills through discussions of literary works, formal and impromptu essays, oral assignments, presentations, and comprehension assessments. AP preparatory materials and activities will be integrated throughout the course.

238 – AP SPANISH V

Prerequisite: Spanish IV Honors

Grades 11-12

1 CREDIT

This course provides students with the opportunity to study in greater depth the history, culture, art, and language of the Hispanic world and its application to contemporary living. Students will read Hispanic literature as well as contemporary publications and write compositions in Spanish. Learners will accelerate their listening comprehension through the use of audio files and movies while refining their speaking skills through continual class practice, discussions and recordings. Students prepare for the Advanced Placement Exam for college placement and credit.

SPECIAL PROGRAMS

**INDEPENDENT STUDY
STUDENT CENTER
ENGLISH LANGUAGE LEARNER
CLASS TUTORIAL
CAREERS AND TECHNICAL PROGRAMS THROUGH OTHER AGENCIES**

934 – INDEPENDENT STUDY - FIRST SEMESTER **.5 CREDIT**

935 – INDEPENDENT STUDY - SECOND SEMESTER **.5 CREDIT**

Requirement: Teacher permission
Counselor support committee
or
Principal's designee approval

The purpose of an independent study is to provide the eligible student with an opportunity for study beyond the available curriculum. Therefore, the credit for independent study will normally be scheduled over and above the minimum credit base of 60 credits and shall not include credit for study in course work currently available in the school day. The independent study must be for original work not already done for a previous class or program. Independent Study may be elected for a semester at a time by a qualified student in any subject area. The student will be assigned to work in the supervising teacher's classroom and will make frequent progress reports to that teacher.

A student cannot be considered for the program until the following requirements have been met:

1. The teacher selected shall hold certification in the area of study.
2. The student must submit to the Independent Study Committee or Principal's designee a clear, concise statement of the topic to be studied along with a detailed description of the study and how it will be done.
3. A completed Independent Study Contract should be submitted to the Independent Study Committee or the Principal's designee. The contract must be completed and signed by the parent, the teacher, the counselor, and the student.
4. At the end of the semester, the student will present the results of the independent study. This presentation may be in the form of a formal paper, project etc.

954 – STUDENT CENTER – FIRST SEMESTER Requirement: Recommendation of Counselor
and approval of instructor

955 – STUDENT CENTER – SECOND SEMESTER Requirement: Recommendation of Counselor
and approval of instructor
.5 CREDIT

Student center is designed for the student who either demonstrates deficiencies in some academic areas or who needs support in organizational and self-monitoring skills. Support is provided by learning specialists, the reading specialist, general education teachers and classroom assistants. Specific criteria must be met to earn the .5 credit.

SPECIAL PROGRAMS (continued)

956 – ENGLISH LANGUAGE LEARNER

Requirement: Teacher approval

1 CREDIT

This course is designed for students who have limited English proficiency. English listening, speaking, reading and writing skills are developed. Up to 4 years (4 credits) of ELL may be taken. Ten credits of an ELL class may serve as a substitute for Freshman English. Other ELL credits can be taken as English electives.

Note: Foreign exchange students are not eligible to take this class. Newly arrived limited English proficient students (including those entering 12th grade) should expect to take at least two years to complete all graduation requirements.

961 – CLASS TUTORIAL – FIRST SEMESTER

962 – CLASS TUTORIAL – SECOND SEMESTER

NO CREDIT

A tutorial is a time for students to work on assignments and get assistance in specific subject areas. Students are assigned to a room where daily attendance is taken. Teachers provide tutoring services.

CAREERS AND TECHNICAL PROGRAMS THROUGH OTHER AGENCIES

Career and Technical Programs are available to Grosse Pointe Students through the Golightly Center, the Southeast and Southwest Macomb Area High School Consortiums, and other programs as needed beginning in grade 11. Enrollment is limited. See the counselor for more information.

GOLIGHTLY CAREER AND TECHNICAL CENTER PROGRAMS ARE AS FOLLOWS:

Trade & Industry	Business Services & Technology	Food Management, Production And Services
<ul style="list-style-type: none"> ◆ Agriscience (Horticulture/Floriculture) ◆ Automotive Body Repair ◆ Automotive ServiceTechnology ◆ Engineering Technology ◆ Computer-Aided Drafting ◆ Law Enforcement ◆ Mass Communications (Radio &TV) ◆ Welding and Cutting 	<ul style="list-style-type: none"> ◆ Academy of Finance ◆ Academy of Travel and Tourism ◆ Academy of Information Technology (AOIT) ◆ Call Center ◆ Computer Graphics/Publishing Technology (COMPUTEC) 	<ul style="list-style-type: none"> ◆ Baking and Pastry Arts ◆ Hospitality and Food Services ◆ Meat Cutting and Charcuterie

Golightly requires an overall GPA of 2.0 or better with a good attendance record as part of its admission requirements.

Students' updated Educational Development Plan (EDP) through Career Cruising needs to demonstrate the career pathway alignment with the requested vocational program application for Golightly and both the Southeast and Southwest consortium programs.

For these programs, students must provide their own transportation.

Enrollment is limited and not guaranteed. Please contact your counselor or the Grosse Pointe Public Schools' Transition Services located at North High School for additional information.

A **Career Technical Education Program Offerings** book is available upon request

SPECIAL PROGRAMS (Continued)

SOUTHEAST MACOMB CONSORTIUM CLASSES ARE AS FOLLOWS:

Course	Location
Accounting and Computing	Harper Woods, Lake Shore, Lakeview
Auto Body	Roseville
Automotive Service Technology	Lakeview, South Lake, East Detroit
Building Trades	Roseville
Cosmetology – class time 2-5:30 PM (extended summer hours)	See Southwest consortium list below.
Dental Assisting I & II	Lake Shore
Design Studio w/Interior Design & Catia Software	Lake Shore
Drafting/CAD	Harper Woods
Drafting & Design	Lakeview, Roseville
Electronics – Basic	Lakeview
Health Occupations & Pre-medical Careers	East Detroit, Lake Shore
Hospitality Services I	East Detroit
Hospitality Services*Pre-requisite requirement	South Lake
Hospitality Services I & II	Roseville
Law Enforcement I & II	East Detroit (I also in Southwest Consortium)
Marketing I & II	East Detroit, South Lake, Lake Shore
Manufacturing Technology / Machine Trades	East Detroit, Roseville
Retail Merchandising I & II	East Detroit, South Lake
Sports / Entertainment Marketing	Harper Woods
Television Production	Lake Shore
Trade and Industry Electronics	Lakeview

SOUTHWEST MACOMB CONSORTIUM CLASSES ARE AS FOLLOWS:

Course	Location
Accounting & Computer Training	Center Line, Van Dyke, Warren Woods
Automotive Technology	Fitzgerald High School, Van Dyke
Building Construction Technology	Fitzgerald High School, Van Dyke
Building Trades	Van Dyke
Cosmetology I & II Class time 2-5:30 PM (extended summer hours)	Warren Woods Tower HS and Wrn Wds Ed Ctr
Drafting/CAD	Center Line, Van Dyke
Emergency Medical Technician	Center Line
Foods/Hospitality	Warren Woods, Van Dyke
Health Information Services	Warren Woods Tower High School
Law Enforcement * Recommendations required	Center Line
Manufacturing Technology	Center Line, Van Dyke
Medical Office Assistant	Warren Woods Tower High School
Nursing	Warren Woods Tower High School
Pharmacy Technology	Fitzgerald High School
3-D Animation	Center Line High School
Visual Imaging/Graphics	Center Line

For consortium programs, students must provide their own transportation.

Enrollment is limited. Please contact your counselor or the Grosse Pointe Schools Transition Services Department located at North High School for additional information.

SPECIAL EDUCATION

An Individualized Educational Planning Team (IEPT) determines the programs and services for each student after considering the least restrictive environment in which the student will learn successfully. This means the student will be placed in a class that is appropriate to meet his or her unique needs. Options may include direct instruction in the special education classroom, teacher consultant support, regular education classroom, or collaborative teaching.

LEARNING RESOURCE CENTER (LRC)

940 – LEARNING SKILLS - SEMESTER ONE

Requirement: Enrollment through IEPT process
.5 CREDIT

941 – LEARNING SKILLS - SEMESTER TWO

Requirement: Enrollment through IEPT process
.5 CREDIT

This course is for those who have been scheduled into the LRC. The purpose of the program is to assist students who have been identified through an Individual Educational Planning Team (IEPT) to develop skills that are needed for school success. This program emphasizes study skills, reading, listening comprehension, writing, math computation and problem solving, and test preparation. Each student's needs are assessed and planned for when considering what services will be offered each year.

SECONDARY RESOURCE CENTER DIRECT TEACHING

**Direct teaching classes are offered at both high schools
when the need is identified through the IEPT process.**

Determination of specific courses for direct teaching are based on individual student IEPs and may vary from what is described here.

943 – SRC - EXPOSITORY WRITING Grades 10-11-12

Requirement: Enrollment through IEPT process
.5 CREDIT

SRC Writing Workshop provides instruction in expository writing on an individualized basis for SRC students with severe language deficits. Students learn to use several methods of explanation - comparison, cause and effect, reasons, classification, examples, and definition as they write many types of essays. Practical skills include letter-writing, note-taking, impromptu writing, proofing, and completing application forms. Students learn term paper and research skills. Emphasis is placed on English usage, syntax, punctuation, and vocabulary. Computers are utilized for instruction as well as word processing. Students learn to use one word processing program for completing and printing their essays and reports.

944 – SRC - AMERICAN LITERATURE

Requirement: Enrollment through IEPT process

Grades 10-11-12

1 CREDIT

This course presents the study of American literature through its major periods. Students read and analyze novels and short stories. Course work emphasizes exposure to American literature, improving reading, vocabulary, and comprehension as well as writing skills. Adapted versions on an appropriate reading level will be used for SRC students with severe language deficits. Students read works by F. Scott Fitzgerald, O' Henry, Edgar Allen Poe, Mark Twain, Stephen Crane, Arthur Miller, J. D. Salinger and John Steinbeck.

945 - SRC - READINGS IN CURRENT LITERATURE

Requirement: Enrollment through IEPT process

Grades 10-11-12

.5 CREDIT

In this course SRC students with severe language deficits will read and listen to current literature including some from popular culture. Students examine their own views and those of their peers as they react to fiction and nonfiction (biography, drama, mystery, science fiction, poetry, and short story). Class discussion will be used to help develop self-awareness and improve peer relationships.

946 – SRC - UNITED STATES HISTORY

Requirement: Enrollment through IEPT process

Grades 10-11-12

1 CREDIT

SRC United States History allows students with severely limited skills an opportunity to be presented basic concepts in U.S. History. Concepts will be presented at an appropriate grade level. The major themes covered will include: exploration and colonization, our new nation, the growth of our nation, foreign policy, and social and cultural trends. Student activities will include: acquiring information through reading, listening and observing, reading maps, communicating orally and in writing, and relating current events to history.

SPECIAL EDUCATION (continued)

ADJUSTED LEARNING PROGRAM... OFFERED AT NORTH ONLY

<u>COURSES</u>		<u>CREDITS PER YEAR</u>	<u>GRADES</u>
181 – ALP ENGLISH	Year	1	9 - 12
183 – ALP SCHOOL STUDY	Semester	.5	9 - 12
184 – ALP CONTEMPORARY LIVING	Semester	.5	9 - 12
186 – ALP SOCIAL STUDIES	Year	1	9 - 12
187 – ALP U.S. HISTORY	Year	1	9 - 12
188 – FUNCTIONAL MATH	Semester	.5	9 - 12
189 – FUNCTIONAL MATH	Year	1	9 - 12
190 – ALP CIVICS	Year	1	9 - 12
193 – ALP SCIENCE	Year	1	9 - 12
925 – ALP HEALTH	Semester	.5	9 - 12
680 – ALP PRE-VOCATIONAL TRAINING	Semester	.5	9 - 12
681 – ALP PRE-VOCATIONAL TRAINING	Year	1	9 - 12
682 – ALP IN-SCHOOL WORK EXPERIENCE	Semester	.5	10-12
683 – ALP IN-SCHOOL WORK EXPERIENCE	Year	1	10-12
684 - ALP WORK STUDY	Year	1	12
686 - ALP COMMUNITY BASED WORK	Semester	.5	11-12
981 – ALP INDEPENDENT STUDY	Semester	.5	9 - 12
982 – ALP INDEPENDENT STUDY	Year	1	9 - 12
985 – ALP COMPUTER	Semester	.5	9 - 12

The Adjusted Learning Program is a course of study offered to students with special needs. It gives students the opportunity to develop those attitudes, abilities, and work habits essential to success in employment and in life. This program combines academic and vocational experience. Whenever possible, practical work experiences are provided both in school and in the community. The purpose of these courses is to assist students who have been identified through an Individual Educational Planning Team (IEPT). Courses will be offered on a rotating basis.

DEVELOPMENTAL LEARNING COURSES OFFERED AT NORTH ONLY

All of the following courses are two semesters:

630	DLP MATH	9 – 12
631	DLP LANGUAGE ARTS	9 – 12
633	DLP WORK STUDY	9 – 12
634	DLP COMM. BASED WORK	9 – 12
808	DLP COMMERCIAL FOODS I	9 – 12
988	DLP/ALP PHYSICAL EDUCATION	9 – 12
989	DLP MUSIC	9 – 12
990	DLP IN SCHOOL WORK EXPERIENCE	9 – 12
991	DLP PRE-VOCATIONAL	9 – 12
992	DLP INDEPENDENT LIVING SKILLS	9 – 12
993	DLP PERSONAL CARE	9 – 12
994	DLP STUDY	9 – 12
995	DLP WORK EXP	9 – 12

The Development Learning Program is offered to students with special education needs. The curriculum is designed to develop independent living skills, functional skills in math and reading, pre-vocational and vocational skills. When appropriate students participate in work experiences either in school or in the community. The purpose of this program is to assist students who have been identified through an Individual Educational Planning Team (IEPT)

Adjusted Studies Program

Students taking courses in this program are scheduled after an individualized education program is developed through the IEPT process.

020	GEOGRAPHY/WORLD AFFAIRS	(year)
021	GENERAL MATH	(year)
022	PRE-ALGEBRA	(year)
023	DEVELOPMENTAL ALGEBRA	(year)
024	DEVELOPMENTAL GEOMETRY	(year)
025	LANGUAGE LIT. & COMP	(year)
026	EXPOSITORY WRITING	(semester)
027	READING WORKSHOP	(semester)
028	EXPLORATIONS IN READING	(semester)
029	CIVICS	(year)
030	WORLD HISTORY	(year)
031	EARTH SCIENCE	(year)
032	BIO-LIFE SCIENCE	(year)
033	HEALTH	(semester)
034	COMPUTER APPLICATIONS	(semester)
035	STUDY SKILLS	(semester)
036	EFFECTIVE LIVING	(semester)
037	MYTHOLOGY	(year)
038	VOCATIONAL EXPERIENCE	(semester)
039	COPING SKILLS	(year)
040	STUDY SKILLS	(year)
066	US HISTORY	(year)
047	BASIC ALGEBRA	(year)
987	GEOMETRY	(year)

Independent Learning Options

The Opportunity Center is an off campus instruction program for post high school students, ages 18-26 who have Individualized Education Plans, or Transition Plans which reflect needs identified by the student's Educational Team. The students travel to the Opportunity Center which is located in the community, and participate in a variety of activities which revolve around independent living skills and work skills. These activities may be located at the Opportunity Center or in other natural community settings which are supervised by Grosse Pointe Public Schools staff. The curriculum focuses on life skills, employability skills, vocational skills and community based work experiences.

All courses are two semesters and one credit.

041	ILO READING CONCEPTS	
042	ILO MATH CONCEPTS	
043	ILO STUDY SKILLS	
053	ILO COMM. WORK EXPERIENCE	
054	ILO RESOURCE CENTER	
055	ILO PHYSICAL FITNESS	
056	ILO MUSIC CONCEPTS	
058	ILO MUSIC CONCEPTS	(SEMESTER)
059	ILO PHYSICAL FITNESS	
060	ILO STUDY SKILLS	
079	ILO INDEPENDENT LIVING SKILLS	
082	ILO IN SCHOOL WORK EXPERIENCE	
085	ILO WORK STUDY	

INDEX 2013-2014 GROSSE POINTE HIGH SCHOOLS PROGRAM OF STUDIES

P = Prerequisite for enrollment

R = Requirement for enrollment

ART			CR	GRADES		
	700	SRVY ART HIST	.5	9	-	12
	701	CONC & MAT	1	9	-	12
	704	ART NOW	.5	11	-	12
P	705	CERAMICS I	.5	9	-	12
P	706	CERAMICS II	.5	9	-	12
P	707	CERAMICS III	.5	9	-	12
P	708	CERAMICS IV	.5	9	-	12
P	709	CERAMICS V	.5	9	-	12
P	710	CERAMICS VI	.5	9	-	12
P	711	DRAW & PTG I	1	9	-	12
P	712	DRAW & PTG II	1	9	-	12
P	713	DRAW & PTG III	1	9	-	12
P	714	DRAW & PTG IV	1	9	-	12
P	715	COMP GRAPH I	.5	9	-	12
P	716	COMP GRAPH II	.5	9	-	12
P	717	COMP GRAPH III	.5	9	-	12
P	718	COMP GRAPH IV	.5	9	-	12
P	720	COM DESIGN I	1	10	-	12
P	721	COM DESIGN II	1	10	-	12
P	722	COM DESIGN III	1	10	-	12
P	729	DSGN W/FIBERS I	.5	9	-	12
P	730	DSGN W/FIBERS II	.5	9	-	12
P	733	DSGN W/METALS I	.5	9	-	12
P	734	DSGN W/METALS II	.5	9	-	12
P	735	DSGN W/METALS III	.5	9	-	12
P	736	DSGN W/METALS IV	.5	9	-	12
R	737	PHOTO I (SLR Camera)	1	10	-	12
P	738	PHOTO II	1	10	-	12
P	740	FIG DRAW I	.5	9	-	12
P	741	FIG DRAW II	.5	9	-	12
P	742	FIG DRW III	.5	9	-	12
P	743	FIG DRW IV	.5	9	-	12
P	744	AP STUDIO ART: DRAWING	1	11	-	12
P	745	AP STUDIO ART: 2-D COMM DSGN	1	11	-	12
P	746	AP STUDIO ART: 2-D PHOTO DSG	1	11	-	12
P	747	AP STUDIO ART: 3-D DESIGN	1	11	-	12
P	749	DSGN W/SCUPL I	.5	9	-	12
P	750	DSGN W/SCULP II	.5	9	-	12
P	756	DSGN W/SCULP III	.5	9	-	12
P	758	DSGN W/SCULP IV	.5	9	-	12

BUSINESS AND TECHNOLOGY EDUCATION			CR	GRADES		
	600	BUS EXPL	.5	9	-	10
	601	SMALL BUS	.5	10	-	12
	607	ACCTNG I	.5	9	-	12
P	608	ACCTNG II	.5	9	-	12
P	609	ACCTNG III	.5	10	-	12
P	610	ACCTNG IV	.5	10	-	12
	611	HONORS ACCTNG (NORTH) (PILOT)	1	10	-	12
P	614	BUS COOP/INTERN	1			12
	615	MARKETING I	.5	9	-	12
P	616	MARKETING II	.5	10	-	12
	619	BUS LAW	.5	10	-	12
P	626	MKTG COO/INTERN	1			12
P	627	MARKETING III	.5	10	-	12
	628	ADVERTISING	.5	10	-	12
	629	SPORTS&ENT MKTG	.5	10	-	12
	643	BUS MANAGEMENT	.5	11	-	12
	644	BUS FINANCE	.5	11	-	12
COMPUTER COURSES						
	612	INFO PROC-DIG TECH I	.5	9	-	12
P	613	INFO PROC-DIG TECH II	.5	9	-	12
P	617	KEY& INFO PROC	.5	9	-	10
TECHNOLOGY EDUCATION COURSES						
	852	SM ENG RP (SOUTH)	.5	9	-	12
	861	ENG GRPH I (SOUTH)	1	9	-	12
P	862	ENG GRPH II (SOUTH)	1	10	-	12
P	865	ENG GRAPHICS III (SOUTH)	1	11	-	12
P	866	ENG GRAPHICS IV (SOUTH)	1	11	-	12
P	867	ARCHITECTURE I (SOUTH)	1	9	-	12
	868	SURVEY OF CAD (SOUTH)	.5	9	-	12
P	869	ARCHITECTURE II (SOUTH)	1	10	-	12
R	876	TRD & IND CP 1	1			12
P	880	ARCHITECTURE III (SOUTH)	1	10	-	12

ENGLISH			CR	GRADES	
P	101	FRESH ENGLISH	1	9	
	103	FRESH ENG HON	1	9	
	104	CLASSICS WLD LIT	1	11	- 12
	105	LIT/CULTURE & HUM	1	11	- 12
	106	JOURNALISM	1	9	- 12
PR	107	ADV JRL I	1	10	- 12
PR	108	ADV JRL II	1	10	- 12
PR	109	ADV JRL III	1	10	- 12
	110	RDG & WRTG THRU ATHL (SOUTH) (PILOT)	.5	10	- 12
R	111	READ WRKSP	.5	10	- 11
	112	EXPL IN RDG	.5	10	- 12
	113	HONORS JOURNALISM	1	9	- 12
	114	ENG: FRESH ASSIST	1	9	
	115	MYTHOLOGY	.5	10	- 12
	116	SPEECH	.5	10	- 12
	117	FILM LIT	.5	10	- 12
	118	SHAKESPEARE	.5	11	- 12
	120	STRAT FOR RDG & WRTG (SOUTH) (PILOT)	1	9	
	122	EXPOS WRTG	.5	10	- 12
R	123	CR WRTG	.5	9	- 12
R	124	ADV CR WRTG	.5	10	- 12
R	145	AP ENG LIT & COMP	1	11	- 12
R	162	AM LIT & COMP	1	10	- 12
R	163	AM LIT HNR	1	10	- 12
	164	BRIT LIT & COMP	1	10	- 12
	172	YEARBOOK JRNL (NORTH)	1	10	- 12
	173	PIC LIT	.5	11	- 12
R	174	POW OF LANG	1	11	
R	175	DEBATE	.5	9	- 12
R	176	ADV DEBATE I	.5	10	- 12
R	177	ADV DEBATE II	.5	10	- 12
P	191	THEORY OF LEARNING	.5	9	- 12
	197	AP ENG LANG & COMP	1	11	- 12

INTER DEPARTMENTAL			CR	GRADES	
P	1	BEGINNING PROGRAMMING	.5	9	- 12
P	2	ADV PROG I	.5	9	- 12
P	3	ADV PROG II	.5	9	- 12
P	4	AP ADV PROG III	.5	9	- 12
	12	COMPUTER APPLICATIONS	.5	9	- 12
	16	DIGITAL SEMINAR (NORTH) (PILOT)	.5	9	- 12

LIFESKILLS AND HEALTH			CR	GRADES	
	800	FOOD FOR FIT I	.5	9	- 12
P	801	FASH & FAB I	.5	9	- 12
P	802	FASH & FAB II	.5	9	- 12
P	803	FASH & FAB III	.5	9	- 12
P	804	FASH & FAB IV	.5	9	- 12
P	805	FOOD FOR FIT II	.5	10	- 12
	811	COM'L FDS I (SOUTH)	1	9	- 12
	812	COM'L FDS I (SOUTH)	2	9	- 12
P	813	COM'L FDS II (SOUTH)	1	11	- 12
P	814	COM'L FDS CO-OP (SOUTH)	1		12
	815	ART OF PASTRY AND DESSERT	.5	9	- 12
	824	I/DES/HOUS	.5	9	- 12
	825	CH DEV PAR	.5	9	- 12
	826	LIVING ON YOUR OWN I	.5	11	- 12
P	828	LIVING ON YOUR OWN II	.5	11	- 12
P	831	MED AD AM	1		12
P	834	MED AD PM	1		12
HEALTH					
R	920	HEALTH ED FP	.5	9	- 12

MATHEMATICS			CR	GRADES	
ESSENTIALS OF MATHEMATICS SEQUENCE					
PR	310	ALGEBRA SUPPORT	.5-1	9	- 12
P	318	ALGEBRA I	1	9	- 12
P	319	ALGEBRA II	1	9	- 12
PR	332	ADVANCED MATHEMATICS	1	9	- 12
PR	339	GEOMETRY SUP	.5-1	9	- 12
P	350	GEOMETRY	1	9	- 12
COLLEGE PREPARATORY SEQUENCE					
PR	307	ALGEBRA I CP	1	9	- 12
PR	316	GEOMETRY CP	1	9	- 12
PR	322	ALGEBRA II CP	1	9	- 12
P	327	STATISTICS	.5	9	- 12
PR	342	PRE-CALCULUS	1	9	- 12
P	360	INTRO TO CALCULUS	.5	9	- 12
HONORS MATHEMATICS SEQUENCE					
PR	330	HONORS ACC GEOMETRY	1	9	- 12
PR	335	HON ALGEBRA II	1	9	- 12
PR	346	HON ACC PRE-CALCULLUS	1	9	- 12
PR	358	AP CALCULUS AB	1	9	- 12
PR	359	AP CALCULUS BC	1	9	- 12

PERFORMING ARTS			CR	GRADES
INSTRUMENTAL MUSIC				
P	752	CONCERT BAND WW	1	9 - 12
R	753	SYMPH ORCH	1	9 - 12
R	754	SYMPH BAND	1	9 - 12
R	755	JAZZ LAB	1	9 - 12
PR	757	CONCERT ORCH	1	9 - 12
CHORAL MUSIC				
	766	CHOIR-BEG SPRNO/ALTO	1	9 - 12
	767	CHOIR-BEG TENOR & BASS	1	9 - 12
R	768	CHOIR-INTERMEDIATE MIXED	1	10 - 12
R	769	CHOIR-ADVANCED WOMEN	1	10 - 12
R	770	CHOIR-ADVANCED MIXED	1	11 - 12
MUSIC THEORY AND TECHNOLOGY				
	772	MUSIC TH I	.5	9 - 12
P	773	MUSIC TH II	.5	9 - 12
P	774	MUSIC TH III	.5	9 - 12
P	775	MUS TH IV	.5	9 - 12
	776	MUSIC TECH I	.5	9 - 12
P	777	MUSIC TECH II	.5	10 - 12
P	779	MUSIC TECH III	.5	11 - 12
PIANO				
	781	PIANO 1	.5	9 - 12
ACTING				
	786	ASPECTS OF ACTING	.5	9 - 12
R	787	ACTORS WORKSHOP	.5	9 - 12
TELEVISION PRODUCTION				
	793	TV PROD I	.5	9 - 12
P	794	TV PROD II	.5	9 - 12
P	795	TV PROD III	.5	10 - 12
P	796	TV PROD IV	.5	10 - 12
P	797	TV PROD V	.5	10 - 12
P	798	TV PROD VI	.5	10 - 12

PHYSICAL EDUCATION			CR	GRADES
	916	INTRO TO TEAM SPORTS	1	9
	917	INTR TO LIFETIME AND LESIURE	1	9
R	988	DEV LRNG PE (NORTH)	1	9 - 12
ELECTIVE COURSES				
	904	LIFETIME AND LEISURE - ADV	.5	9 - 12
R	905	Lifeguard and WSI Certification	.5	9 - 12
	907	PERSONAL FITNESS	.5	9 - 12
	908	TEAM SPORTS - ADV	.5	9 - 12
	909	WGHT/STRNGTH TRNG	.5	9 - 12

SCIENCE			CR	GRADES
FOUNDATIONAL COURSES				
R	404	HONOR BIO	1	9 - 10
	405	BIOLOGY	1	9 - 12
	407	EARTH SCIENCE	1	9
R	408	HON EARTH SCIENCE	1	9
P	411	HON CHEM	1	11 - 12
P	412	CHEMISTRY	1	10 - 12
P	421	HON PHYSIC	1	11 - 12
P	422	PHYSICS	1	11 - 12
ELECTIVE COURSES-BIOLOGICAL SCIENCE				
P	445	AP BIOLOGY	1	11 - 12
P	450	ENVIR SCI	1	10 - 12
P	451	AP ENVIR SCI	1	11 - 12
P	487	INVESTIGATIONS IN MED (SOUTH)	.5	11 - 12
P	491	PHYSIOLOGY	.5	10 - 12
P	492	MICRO BIOL	.5	10 - 12
PR	493	APPL MED RESEARCH (NORTH)	1	12
ELECTIVE COURSES - PHYSICAL SCIENCE				
PR	413	AP CHEM	1	11 - 12
PR	423	AP PHYSICS	1	12
P	450	ENVIR SCI	1	10 - 12
P	451	AP ENVIR SCI	1	11 - 12
	486	GEOLOGY	1	11 - 12
PR	494	ASTRONOMY (NORTH)	.5	10 - 12
P	499	ADV TOPICS IN ASTR (NORTH)	.5	10 - 12

SOCIAL STUDIES			CR	GRADES
REQUIRED COURSES				
	511	U S HIST & GEO	1	10 - 12
	512	AP US HIST	1	10 - 12
	523	ECON	.5	11 - 12
	572	WORLD HIST & GEO	1	9 - 10
	573	HONORS WORLD HISTORY & GEO	1	9
	574	GOVT	.5	10 - 12
ELECTIVE COURSES				
	504	AP EUR HIST	1	11 - 12
	522	AP US GOVT & POL	.5	11 - 12
	525	SOCIOLOGY	.5	10 - 12
	526	AP MIC ECON	.5	11 - 12
P	527	AP MA ECO	.5	11 - 12
	536	AM LEG SYS	.5	11 - 12
	570	AP PSYCHOLOGY	.5	11 - 12
	571	PSYCHOLOGY	.5	11 - 12
	576	ANTHROPOLOGY	.5	10 - 12

WORLD LANGUAGES			CR	GRADES		
	201	FRENCH I	1	9	-	12
P	203	FRENCH II	1	9	-	12
P	206	FRENCH III	1	10	-	12
P	208	FRENCH IV	1	11	-	12
P	210	FRENCH V	1	11	-	12
P	205	HONORS FRENCH IV	1	11	-	12
P	204	FRENCH V AP	1	11	-	12
	221	GERMAN I	1	9	-	12
P	222	GERMAN II	1	10	-	12
P	225	GERMAN III	1	11	-	12
P	227	GERMAN IV	1	11	-	12
P	229	GERMAN IV AP	1	11	-	12
	211	ITALIAN I	1	9	-	12
P	212	ITALIAN II	1	10	-	12
P	213	ITALIAN III	1	11	-	12
P	214	ITALIAN IV	1	11	-	12
P	230	ITALIAN IV AP	1	11	-	12
	216	LATIN I (SOUTH)	1	9	-	12
P	217	LATIN II (SOUTH)	1	10	-	12
P	250	LATIN III (SOUTH)	1	11	-	12
P	252	LATIN IV (SOUTH)	1	11	-	12
	231	SPANISH I	1	9	-	12
P	232	SPANISH II	1	9	-	12
P	233	SPANISH III	1	9	-	12
P	234	SPANISH IV	1	10	-	12
P	235	SPANISH V	1	11	-	12
P	236	SPAN IV HONOR	1	10	-	12
P	238	SPAN V AP	1	11	-	12

SPECIAL EDUCATION			CR	GRADES		
SECONDARY RESOURCE CENTER						
R	940	LRN SKILS S1	.5	9	-	12
R	941	LRN SKILS S2	.5	9	-	12
SRC DIRECT TEACHING						
PR	72	SRC READ WKSHP	.5	9	-	12
PR	533	SRC LANGUAGE ARTS	1	9	-	12
PR	545	SRC SOC STUDIES	1	9	-	12
PR	943	SRC EXPOS WRTNG	.5	10	-	12
PR	944	SRC-AM LIT	1	10	-	12
PR	945	SRC-CUR LIT	.5	10	-	12
PR	946	SRC-US HIST	1	10	-	12
PR	947	SRC WRLD HIST	1	9	-	12
PR	948	SRC-CONS ECON	.5	9	-	12
PR	949	SRC-WORK SKILLS	.5	9	-	12
PR	972	SRC ENG	.5	9	-	12
ADJUSTED LEARNING PROG-NORTH ONLY						
R	181	ALP ENG	1	9	-	12
R	183	ALP SCH ST	.5	9	-	12
R	184	ALP CONT LVG	.5	9	-	12
R	186	ALP SOC ST	1	9	-	12
R	187	ALP USHIST	1	9	-	12
R	188	ALP MATH FUND	.5	9	-	12
R	189	ALP MATH FUND	1	9	-	12
R	190	ALP CIVICS	1	9	-	12
R	193	ALP SCIENCE	1	9	-	12
R	680	ALP PRE VOC	.5	9	-	12
R	681	ALP PRE VOC	1	9	-	12
R	682	ALP SCHWK	.5	10	-	12
R	683	ALP/WORKEX	1	10	-	12
R	684	ALP WORK STUDY	1			12
R	686	ALP COMBAS	.5	11	-	12
R	925	ALP HEALTH	.5	9	-	12
R	981	ALP INDSTD	.5	9	-	12
R	982	ALP INDSTD	1	9	-	12
R	985	ALP COMPWD	.5	9	-	12

SPECIAL PROGRAMS			CR	GRADES		
R	934	IND STUDY S1	.5	9	-	12
R	935	IND STUDY S2	.5	9	-	12
R	954	STUDENT CENTER S1	.5	9	-	12
R	955	STUDENT CENTER S2	.5	9	-	12
R	956	ENG AS A SECOND LANG	1	9	-	12
	961	CLASS TUTORIAL S1	0	9	-	12
	962	CLASS TUTORIAL S2	0	9	-	12

SPECIAL EDUCATION (CONTINUED)			CR	GRADES		
DEVELOPMENTAL LEARNING COURSES - NORTH ONLY						
R	630	DLP FN MTH	1	9	-	12
R	631	DLP LN ART	1	9	-	12
R	633	DLP COOPWK	1	9	-	12
R	634	DLP COMMWK	1	9	-	12
R	808	DLP COMFD I	.5	9	-	12
R	988	DLP/ALP PHYSICAL EDUCATION	.5	9	-	12
R	989	DLP MUSIC	.5	9	-	12
R	990	DLP WORK EXP	2	9	-	12
R	991	DLP PREVOC	1	9	-	12
R	992	DLP INDLIV	1	9	-	12
R	993	DLP PERSCR	1	9	-	12
R	994	DLP STUDY	1	9	-	12
R	995	DLP WORK EXP	1	9	-	12
ADJUSTED STUDIES PROGRAM						
R	20	ASP GEOG & WRLD AFF	1	9	-	12
R	21	ASP GEN MATH	1	9	-	12
R	22	ASP PRE-ALG	1	9	-	12
R	23	ASP DEV ALG	1	9	-	12
R	24	ASP DEV GEOM	1	9	-	12
R	25	ASP LANG LIT & COMP	1	9	-	12
R	26	ASP EXPOS WRTNG	.5	9	-	12
R	27	ASP RDG WKSHP	.5	9	-	12
R	28	ASP EXPL IN READING	.5	9	-	12
R	29	ASP CIVICS	1	9	-	12
R	30	ASP WRLD HIST	1	9	-	12
R	31	ASP ERTH/PHYS SCI	1	9	-	12
R	32	ASP BIO LIFE SCI	1	9	-	12
R	33	ASP HEALTH	.5	9	-	12
R	34	ASP COMPUTER APPS	.5	9	-	12
R	35	ASP STUDY SKILLS	.5	9	-	12
R	36	ASP EFFECTIVE LIVING	.5	9	-	12
R	37	ASP MYTHOLOGY	.5	9	-	12
R	38	ASP VOC EXP	.5	9	-	12
R	39	ASP COPING SKLS	1	9	-	10
R	40	ASP STUDY SKILLS	1	9	-	10
R	47	ASP BASIC ALG	1	9	-	10
R	66	ASP US HISTORY	1	9	-	12
R	987	ASP GEOMETRY	1	10	-	12
R	990	ASP CAREER AWARE	.5	9	-	12

SPECIAL EDUCATION (CONTINUED)			CR	GRADES		
INDEPENDENT LEARNING OPTIONS - SOUTH ONLY						
R	41	ILO RDG CNCPTS	1	9	-	12
R	42	ILO MATH CNCPTS	1	9	-	12
R	43	ILO STDY SKLS	1	9	-	12
R	53	ILO COMM WORK EXP	1	9	-	12
R	54	ILO RSRCE ROOM	1	9	-	12
R	55	ILO PHYS FITNESS	1	9	-	12
R	56	ILO MUSIC CNCPTS	1	9	-	12
R	58	ILO MUSIC CNCPTS	.5	9	-	12
R	59	ILO PHYS FITNESS	.5	9	-	12
R	60	ILO STUDY SKLS	.5	9	-	12
R	75	ILO FOODS	1	9	-	12
R	78	ILO CAREER DESCIONS	1	9	-	12
R	81	ILO PRE-VOC	.5	9	-	12
R	79	ILO INDEP LVG	1	9	-	12
R	82	ILO IN-SCHL WK EXP	1	9	-	12
R	85	ILO WORK STUDY	.5	9	-	12

Notes