

Program of Studies

2005-2006



Grosse Pointe High Schools

2005-2006
HIGH SCHOOL PROGRAM OF STUDIES
FOR
GROSSE POINTE NORTH & GROSSE POINTE SOUTH
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IN-DISTRICT STUDENT TRANSFER POLICY

It is the desire of the board to limit the high school enrollment to no more than 1,500 students per school with the differential between the two high schools of not more than 300. Based on projections, transfers will be limited if the total population 9-12 (excluding special education) is greater than 1,500 and/or more than a difference of 300.

If enrollment must be limited, permission will first be granted to siblings of students already at the high school.

Except for Community School, transfer requests at the high school level will ordinarily only be considered for the beginning of the 9th grades and with the understanding that the students will stay at the high school throughout the high school years.

Transportation to and from the new school will be the responsibility of the parent or guardian.

The superintendent shall establish procedures for processing transfer requests. The procedures shall include an appeal process.

NON-DISCRIMINATION POLICY

The Grosse Pointe Public School System is committed to a policy of nondiscrimination in relation to race, color, religion, national origin (Title VI of the Civil Rights Act of 1964), sex (Title IX of the Educational Amendments of 1972), or handicap (Section 504 of the Rehabilitation Act of 1973). Policies GAAB and GAAC (August 10, 1992) and Grievance regulations are available for those who believe this policy has been abused.

Questions, requests for information, and/or complaints relating to a claim of discrimination in The Grosse Pointe Public School System should be addressed to Mr. Larry Lobert, Human Resources, 389 St. Clair, 432-3020.

Semesterization of Credit and Grades

Credit for all classes is posted on student's transcripts at the end of each semester. Students receive five 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 Systems (a semester course) will receive five credits after successfully completing the course. A student taking U.S. History (a year-long course) — will have five credits and a final semester grade posted to their transcript in January and five more credits and a second semester grade posted to their transcript in June. In determining the semester grade, each quarterly marking period counts as two-fifths, and the end-of-semester assessment counts as one-fifth 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 assigned the same teacher for the entire year, most often in the same class period.

Transition to Revised Grading Scale (IHA-R)

In seeking to maintain fairness and reasonableness in the district's grading process during the necessary transition to an improved mathematical scale that ranges from 4.33 through .49 (A+ through E), the district has implemented a grading conversion process. This conversion process should hold harmless all grades and related grade point averages that are earned prior to the start of the 2003-04 school year:

- All grades earned by GP North and South High School students prior to the start of the 2003-04 school year (August, 2003) are "frozen" (unchanged by the new grade value scale).
- All grades earned after the start of the 2003-04 school year are calculated using the new grade value scale.
- Students' Grade Point Averages (GPA) are calculated by applying the grade scale for each course grade that existed when the respective grades were earned. In other words, the "old" scale applies to grades earned prior to the start of the 2003-04 school year and the "new" scale applies to grades earned after the start of the 2003-04 school year. Thus, the cumulative GPA for the classes of 2004, 2005, and 2006 represents a blend of the two scales.
- The grades of incoming freshman and new students to the district will be calculated using the new grade scale.
- Grades earned in summer school, 2003 were calculated using the "old" grade scale.
- An explanation of the transition to a revised grading scale is included in the written Profile that is sent to colleges and other schools with students' transcripts and on report cards.

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 of a particular course may cause cancellation at one school, but students at North or South may take courses at either campus. When students elect to take courses 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.

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, or scheduling. In addition, 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.

THE GROSSE POINTE BOARD OF EDUCATION

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HIGH SCHOOL ADMINISTRATION

GROSSE POINTE NORTH HIGH SCHOOL
707 Vernier Road, G.P. Woods 48236
PHONE: 432-3200 FAX 432-3202

Mr. James Steeby, Principal NORTH, 432-3204
Mr. Chris Clark, Asst. Principal-Athletics, 432-3216
Mr. Tom Beach, Asst. Principal, 432-3213
Mr. Tom Teetaert, Asst. Principal, 432-3211

GROSSE POINTE SOUTH HIGH SCHOOL
11 Grosse Pointe Blvd., G.P. Farms 48236
PHONE: 432-3500 FAX 432-3502

Mr. Al Diver, Principal SOUTH, 432-3504
Mr. Matthew Outlaw, Asst. Principal-Athletics, 432-3540
Ms. Joan Murphy, Asst. Principal, 432-3513
Ms. Michele Yankee, Asst. Principal, 432-3511
Ms. Judith Oklowski, Community School, 432-3704

HIGH SCHOOL DEPARTMENT CHAIRS

ART	Mr. Ray Marchesi	All Schools (K-12)
BUSINESS ED.	Ms. Sharon Schmidt - North, 432-5656	Ms. Paulette Griesbaum - South 432-5398
ENGLISH	Mr. Kevin Cox - North, 432-5763	Mr. Mike Wasilewski - South, 432-3657
LIBRARY	Mrs. Karen Villegas - 432-4720	North and South (K-12)
LIFESKILLS/HEALTH	Mrs. Phyllis Henry - South, 432-3564	North and South (6-12)
MATHEMATICS	Ms. J. Roman/Mr. G. Johnson - North, 432-3311	Mr. Berschback/Mr. Underwood-South, 432-3642
MODERN AND CLASSICAL LANG.	Ms. Madeline Salonen, North, 432-3333	Mrs. Jan Hendrie South, 432-3677
MUSIC	Ms. Mary Jane Failla/Mr. Dean Doss	All Schools (K-12)
PHYSICAL ED.	Mrs. Ann Starinsky - North, 432-2225	North and South (9-12)
SCIENCE		Mr. James Adams - South, 432-3595
SOCIAL STUDIES	Ms. Terri Khouri - North, 432-4622	Mr. Brandon Sloan - South, 432-3611
TECH ED.	Mr. Ken Ginger - South, 432-5388	North and South (9-12)
COUNSELORS:	Mrs. Barbara Skelly - North (Chair), 432-3221	Mrs. Marsha Lynch - South (Chair), 432-3522
	Ms. Jennifer Clay - North, 432-3223	Mr. Eric Burson - South, 432-3524
	Ms. Milissa Pierce - North, 432-3226	Mrs. Frances Carnaghi - South, 432-3523
	Ms. Jill Davenport - North, 432-3225	Mr. Troy Glasser - South, 432-3521
	Mr. Brian White - North, 432-3222	Mrs. Anne Mabley - South, 432-3526

TEST OUT PROVISION

In December, 1993, state legislation was passed which amended the School Code to provide a "test out" option for high school students who wish to exhibit mastery of a course in which they are not already enrolled, without enrolling and actually taking the course. The test-out option does not apply to courses required by the state for high school graduation and courses which are lower in sequence to those already passed. A student may attempt a test-out in a course that he/she previously failed (or received a "Drop F") as long as he/she has not subsequently passed a course higher in sequence than the test-out course. Students who choose to "test out" must apply in writing on a Test-Out form application, with a signed parent/guardian consent, to the high school principal following the specific timeline established annually for this purpose. (Completed application forms for both year and semester course test-outs are usually submitted to the principal in February each year.) The application form is available to students in the high school counseling center.

A schedule for test-out assessments is given to the student by June 1 with early administration of assessments scheduled between June 15-30 and late administration, August 1-15. Results are reported in September through the high school counseling department.

Students may be required to demonstrate their mastery of a course in a number of ways including making oral presentations, presenting a collection of assigned work, doing a project, or preparing a report on independent research. In accordance with state law, credit toward graduation will be granted for a C+ or better in the mastery demonstration. However, testing out of a course is not the same thing as taking a course; no grade or honor points are earned. A "pass" grade will be noted on the student's transcript. If demonstrated mastery is not achieved, no record will be retained of a student's test-out attempt. Following state statute guidelines, students may attempt to earn test out credit for foreign languages not currently offered in The Grosse Pointe Public Schools. This option is limited to one foreign language test-out of a language not offered in the district's curriculum during a student's academic year and two foreign language test-outs for a language not offered in the district's curriculum during a student's high school career.

If a student who is preparing for a test-out wants a course syllabus, textbook or other course materials, he/she must request these materials from the department chair of the test-out subject as soon as possible after submitting an application.

PHYSICAL EDUCATION OPTION

North or South grade 10, 11 and 12 students who are listed on the player roster and participate in Michigan High School Athletic Association sports, or lacrosse, rowing, girls ice hockey, field hockey, cheerleading, dance team or sailing may "opt out" of physical education.

All Students in 10th, 11th and 12th grade must satisfy an additional Physical Education requirement in one of the following three ways:

- **Earn** ten additional credits of Physical Education;
- or*
- Participate in two seasons of **one or more** approved sports;
- or*
- **Earn** five additional credits of Physical Education and participate in one season of an approved sport.

PHYSICAL EDUCATION OPTION (continued)

Students who choose to participate in a sport rather than enroll in a physical education course will satisfy the requirement but will not earn credit or a grade.

A student who quits a sport **or is removed** before the end of the season will not satisfy the additional Physical Education requirement and will need to meet that requirement in some other manner.

Guidelines governing the "opt out" provision are available in the Counseling Center.

A student who quits an approved activity before the season is over (excluding injured students who are no longer able to compete) will not receive a final grade of "pass" and will be required to make up the physical education credit.

DUAL ENROLLMENT

Under Section 21b of the State school Aid Act and Public Act 160 of 1991, a student in grades 11 or 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 MEAP tests prior to applying for Dual Enrollment (Reading, Writing, Mathematics, Science and Social Studies) and has earned at least an endorsement (3) 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 MEAP 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.

STATE-ENDORSED TRANSCRIPTS

Students may earn state endorsements by passing the Michigan High School MEAP Test in one or more of the following areas: mathematics, science, reading, writing, and social studies.

A high school student who receives a Level 4 – Not Endorsed or a Level 3 – Endorsed at Basic Level on the MEAP HST in Reading, Writing, Math, Science, or Social Studies may appeal the score **ONLY IF** the student or his/her parent believes an error in scoring has occurred. The appeal must be filed in writing with the school principal (or designee) within 30 working days of the date that MEAP reports are mailed home. Forms may be obtained from the counseling office. The school principal (or designee) signs the form and sends it to the MEAP Office in Lansing. No appeals may be phoned in or faxed. Students awaiting the results of an appeal should retest if the opportunity to do so occurs during the waiting period. The results of an appeal may not be appealed. The State of Michigan no longer charges a fee for re-scoring a high school test.

MICHIGAN MERIT AWARD SCHOLARSHIP PROGRAM

The Michigan Merit Award Scholarship Program is a college finance program (Public Act 94, 1999) for Michigan high school seniors beginning with the Class of 2000. At stake is an award of a \$2,500 scholarship to an in-state post-secondary institution for students who either:

- a) take and pass the MEAP High School Tests in reading, writing, mathematics and science at Level I (Exceeded state standards) or Level II, (Met state standards) *or who*
- b) take all four MEAP High School Tests and pass in at least two, but not necessarily all four of the above high school MEAP tests and who also score in the top 25% on a nationally recognized college entrance exam such as the ACT or SAT (determined by Michigan Merit Award Board).

The Michigan Award may be used for tuition, fees, room and board, book, supplies, and transportation.

Eligibility rules include the caveat that the student must graduate from high school and must enroll in an approved postsecondary education institution. There is also a requirement that the student must not have been convicted of a felony involving an assault, physical injury, or death.

(Note: An award of \$1000 for students who meet the above criteria but attend an out-of-state school is currently suspended.)

ANNUAL NOTIFICATION OF PARENT AND STUDENT RIGHTS RELATED TO SCHOOL RECORDS

In accordance with the provisions of the Family Educational Rights and Privacy Act of 1974, eligible persons, i.e. students eighteen years of age or older or the parents of 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 JR) and accompanying GPPSS Administrative Regulations.

ANNUAL NOTIFICATION OF THE FAMILY PRIVACY ACT

In accordance with the provisions of the Family Privacy 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. 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.

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 is compiling 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.

PRESIDENT'S COUNCIL UNIVERSITY ADMISSION REQUIREMENTS

The state universities of Michigan have adopted specific admissions requirements for high school graduates who wish to enter any of the 15 public universities in the state. These universities have agreed that to be eligible for regular admission to a four-year degree program, a high school student must successfully complete the following:

Subject Area	Required	Recommended
English	4 years	
Mathematics	3 years including intermediate algebra	4 years
Science	2 years biological/physical sciences	3 years strongly recommended including: 1 year of biological science and 1 year of physical science and at least 1 year of a laboratory course
Social Studies	3 years	3 years including 1 year American History and
Foreign Language		1 year of World History strongly recommended 3 years strongly recommended
Fine and Performing Arts		2 years strongly recommended
Computer Literacy		1 year hands-on experience using computers strongly recommended

The state universities recognize that, for a variety of reasons, some students may not be able to complete all of the requirements. In such circumstances, students may still be considered for admission and, therefore, are encouraged to apply to the university of their choice.

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 their counseling office no later than the end of their junior year and pick up a copy of the booklet entitled “Making Sure You Are Eligible to Participate in College Sports”. This is an NCAA publication.

Students may register with the NCAA Eligibility Clearinghouse online at www.ncaa.org/eligibility/cbsa/. 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.

GRADUATION REQUIREMENTS AND RELATED RULES

Candidates for graduation must have earned a minimum of 210 credits/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 GP 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.

Graduation Requirements- ALL STUDENTS

RECOMMENDED FOR STUDENTS WHO PLAN FOUR-YEAR COLLEGE EXPERIENCE

ENGLISH	Credits	
Freshman English		10
10		
American Literature and Comp.	10	
Electives	<u>20</u>	
FOUR YEARS	40	
MODERN AND CLASSICAL LANGUAGE		
No requirement	-	
HEALTH EDUCATION		
	5	
MATHEMATICS		
TWO YEARS		20
PHYSICAL EDUCATION		
TWO YEARS		20
SCIENCE		
<u>Required: 1 course must be taken in grade 9</u>		
Biological Science	10	
Physical Science	<u>10</u>	
TWO YEARS	20	
SOCIAL STUDIES		
Civics <u>or</u>	10	
American Govt. <u>and</u>		
an Economics course		
U.S. History	10	
Global (World Hist. or Geog.)	<u>10</u>	
THREE YEARS	30	
FINE & PRACTICAL ARTS/VOC ED*		
Fine Arts course	5	
Practical Arts/Voc Ed	5	
Additional Fine Art/Voc Ed	<u>5</u>	
	15	
COMPUTER		
Computer Class or		
Computer Competency Demo	0-5	
TOTALS		
Required	150	
Elective	<u>60</u>	
CREDITS	210	

	Credits
Freshman English	
American Literature and Comp.	10
Electives	<u>20</u>
AT LEAST 4 YEARS	40
MODERN AND CLASSICAL LANGUAGE	
AT LEAST THREE YEARS of the same foreign language	30
HEALTH EDUCATION	
	5
MATHEMATICS	
Algebra	10
Geometry	10
Algebra II	10
Pre-calculus	<u>10</u>
AT LEAST FOUR YEARS	40
PHYSICAL EDUCATION	
TWO YEARS	20
SCIENCE	
<u>Required: 1 course must be taken in Grade 9</u>	
Biology, Earth or Physical Science	10
Chemistry	10
One other foundational course	<u>10</u>
AT LEAST THREE YEARS	30
SOCIAL STUDIES	
Civics <u>or</u>	10
American Govt. and	
an Economic course	
U.S. History	10
Global (World History. or Geog.)	<u>10</u>
AT LEAST THREE YEARS	30
FINE & PRACTICAL ARTS/VOC ED*	
Fine Arts course	5
Practical Arts/Voc Ed	5
Additional Fine Arts/Voc Ed	<u>5</u>
	15
COMPUTER	
Computer Competency Demo	0-5

*Requirements related to fine arts, practical arts, vocational education, computer competency on next page.

GRADUATION REQUIREMENTS (continued)

FINE ARTS means

- course in Art or
- Performing Arts course or
- Literature, Culture, and the Humanities*or
- Television Production

PRACTICAL ARTS & VOCATIONAL EDUCATION means

- Business Education course
- Lifeskills course except Health Education
- Technology Education course

*(10 credits) May count as 5 credits of Fine Arts and 5 credits of English (or 10 credits of English).

COMPUTER COMPETENCY

In addition to all other graduation requirements, students must demonstrate computer competency. All students must either take a computer course from those listed below or demonstrate their computer competency. They can demonstrate computer competency by completing a final assessment in a computer course listed below and earning a minimum grade of D- or passing level competency. GPHS courses acceptable for computer competency are:

371 Introduction to Computer Applications	717 Computer Graphics III
372 Computer Applications II	718 Computer Graphics IV
375 Beginning Computer Programming – BASIC	776 Music Through Technology
376 Advanced Programming I	860 Survey of Engineering Graphics
377 Advanced Programming II	861 Engineering Graphics I
378 AP Advanced Programming III	862 Engineering Graphics II
617 Keyboarding and Information Processing	865 Engineering Graphics III
612 Information Processing I	866 Engineering Graphics IV
613 Information Processing II	864 Computer Assisted Design (CAD) Engineering
618 Advanced Information Processing	867 Architecture I
715 Computer Graphics I	869 Architecture II
716 Computer Graphics II	880 Architecture III

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 multiplier of 1.1 in determining student grade point averages. These weighted grades will be reflected on student report cards for each marking period and for the final grades. No courses other than AP courses have weighted grades. Courses with a weighted grade include:

AP Advanced Programming III	AP Italian IV - Pilot
AP Biology	AP Latin IV
AP Calculus (AB and BC)	AP Macroeconomics
AP Chemistry II	AP Microeconomics
AP English: Language and Composition	AP Music Theory
AP English: Literature and Composition	AP Physics
AP Environmental Science	AP Psychology
AP European History	AP Spanish V
AP French V	AP U.S. Government and Politics
AP German IV	AP U.S. History

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 TIME OF SENIOR YEAR REGISTRATION 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 announced at commencement ceremonies as members of the Academic Hall of Fame for graduating with a cumulative GPA of 4.0 or higher.

Seniors who have achieved a 4-year grade point average (GPA) of between 3.0 and 3.49 as of the end of the first semester of their Senior Year, will have the words "Graduated With Honors" inscribed on the diploma.

Seniors with a cumulative grade point average of 3.5 and above at the end of the first semester will receive a diploma with the words "Graduated With 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 60 credits. Exception: Seniors enrolled in a co-op program may take 50 credits. At the end of each year, a student's transcript must show evidence of a minimum of 60 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 40 credits have been earned
11	At least 90 credits have been earned
12	At least 150 credits have been earned

CREDIT DESIGNATION

Units are printed on report cards and Credits are listed in the school district's curriculum guide. The equivalents are:

1.0 unit	=	10 credits	=	year course (two semesters)
.5 unit	=	5 credits	=	semester course
21.0 units	=	210 credits	=	graduation requirement

SUMMER SCHOOL OPPORTUNITIES

Numerous summer school opportunities are offered for academic credit, enrichment, skills strengthening, and technology. Among courses that have been offered in the past for summer learning:

- Freshman English
- Mathematics (Algebra and Geometry)
- Civics or American Government & Economics
- United States History
- American Literature
- Art
- Typing/Information Processing
- Writing
- Technology - Computers
- Music
- Modern and Classical Languages

Courses of Independent Studies are also available through summer school with approval by high school counselor and summer school principal. In addition the summer school cooperates with the Michigan Virtual High School to provide online courses.

In recent years the summer school program has changed significantly. Students may continue to make up a failing grade or improve a grade through summer school but may also take some classes for first time credit. Taking a class in summer school frees up time during the school year for other courses.

A summer school brochure is provided online to students and their families and members of the community in early spring. (www.gpschools.org) Brochures are also available in school offices, counseling centers, and Community Education offices at Barnes. Registration opens in late spring. Students are reminded to discuss summer school early with their counselor if they have any thoughts about enrolling.

The regular six week GPPSS summer school session will tentatively take place from July 5 - August 10, 2005

The mission of the Grosse Pointe Public School System, as a leader committed to the highest quality teaching, is to ensure that all our students learn and apply the knowledge, skills, and behaviors necessary to excel in their ever-changing world by concentrating the efforts of students, staff, parents, and community.

Approved by The Grosse Pointe Board of Education, May, 1997

The courses in this program of studies are a reflection of the school system's curriculum. The aim of all curriculum, K-12, is development of an educated person:

An EDUCATED PERSON, at the end of grade 12, by the quality standards of The Grosse Pointe Public School System, acquires and uses the capabilities to reason and solve problems and access and communicate information in and across the traditions of literature, mathematics, science, technology, geography, history, culture including languages, economics, politics, civics, fine arts, aesthetics, physical and mental health, and career and practical living with ethical, responsible behavior independently and in collaboration with others.

Approved by The Grosse Pointe Board of Education, December, 1992

ART

Survey of Art History
Concepts and Materials In Art
Ceramics I, II, III, IV, V, VI
Drawing and Painting I, II, III, IV
Computer Graphics I, II, III, IV
Communication Design I, II, III
Design With Fibers I, II
Design With Metals I, II, III, IV
Photography I, II, III
Figure Drawing I, II, III, IV
Design With Sculpture I, II, III, IV

700 - SURVEY OF ART HISTORY

Grades 9-10-11-12

5 CREDITS

This semester course is intended to give students an overview of art from ancient to modern times. The survey covers the fields of painting, sculpture, architecture, and decorative arts, showing them to be visible expressions of the eras that produced them. The course is lecture and discussion oriented, utilizing a textbook, films, slides, actual art work, field trips, visiting artists, and some hands-on studio experiences when possible. It fulfills the half-year fine arts requirement for graduation and can be excellent preparation for students planning to enter college.

701 - CONCEPTS AND MATERIALS IN ART

Grades 9-10-11-12

10 CREDITS

This course is designed to serve as a foundation for the study of art in high school and is usually a prerequisite for all other high school art courses. It is intended for all students, whether they are interested in art as a possible career or their formal experience in art will end with this single course. The essential components of good composition are stressed throughout the course as are thinking skills and problem solving. Students work in the areas of drawing, painting, ceramics or sculpture, mixed media, printmaking, and fibers or 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 middle or high school art teacher for a waiver of this introductory course.

705 - CERAMICS I

Prerequisite: Concepts and Materials in Art

706 - CERAMICS II

Prerequisite: Ceramics I

707 - CERAMICS III

Prerequisite: Ceramics II

708 - CERAMICS IV

Prerequisite: Ceramics III

709 - CERAMICS V

Prerequisite: Ceramics IV

710 - CERAMICS VI

Prerequisite: Ceramics V

ART (continued)

CERAMICS (continued)

Grades 9-10-11-12

Offered each semester

5 CREDITS

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 that reflect individual ideas and personality. Ceramics from art history 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 porcelain clay. They learn "Raku," the Japanese pottery technique that emphasizes spontaneity and "controlled accidents" in ceramic work, and gain experience with kiln loading and firing, using electricity, gas, sawdust, and wood. Advanced students develop work suitable for portfolio preparation.

711 - DRAWING and PAINTING I

Prerequisite: Concepts and Materials in Art

712 - DRAWING and PAINTING II

Prerequisite: Drawing and Painting I

713 - DRAWING and PAINTING III

Prerequisite: Drawing and Painting II

714 - DRAWING and PAINTING IV

Prerequisite: Drawing and Painting III

Grades 9-10-11-12

10 CREDITS

Students work on two dimensional surfaces with a variety of drawing and painting materials: pencil, charcoal, pastels, colored pencils, conte, crayon, India ink, colored inks, mixed media, water colors, and acrylics. Drawing and Painting I emphasizes observation and building drawing skills, but provides students with an opportunity for personal and creative statements.

In Drawing and Painting 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 application, scholarship application, job interview, and personal collection.

715 - COMPUTER GRAPHICS I

Prerequisite: Concepts and Materials in Art
or
approval of department chair

Grades 9-10-11-12

5 CREDITS

This semester course is intended for all students interested in doing artwork on computers. Computer literacy is helpful but not required. Draw-and-paint systems based on the IBM-PC will be explored. Students may also use word processing, presentation, and desktop publishing programs to combine their graphic images with text. Creating and importing images with the electronic scanner and the video or electronic camera will be introduced. Assignments will be given in drawing, basic composition, color, design, and text manipulation. Work is produced for exhibition or portfolio by either printing or photographing it.

ART (continued)

716 - COMPUTER GRAPHICS II

Prerequisite: Computer Graphics I
or
approval of department chair

717 - COMPUTER GRAPHICS III

Prerequisite: Computer Graphics II
or
approval of department chair

718 - COMPUTER GRAPHICS IV

Prerequisite: Computer Graphics III
or
approval of department chair

Grades 9-10-11-12

5 CREDITS

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 web page design. There may be time for independent study in areas of the student's choice.

720 - COMMUNICATION DESIGN I

Prerequisite: Concepts and Materials in Art
*Grade 9 must have approval of department chair

721 - COMMUNICATION DESIGN II

Prerequisite: Communication Design I

722 - COMMUNICATION DESIGN III

Prerequisite: Communication Design II

Grades 9 * -10-11-12

10 CREDITS

Students in Communication Design I gain a working knowledge of the principles of design and their application in two and three dimensional problems for the field of communication art and graphic design. Solving visual problems is an important part of this course. Students design a variety of pieces such as greeting cards, posters, CD covers, personal logos, packaging, and magazine ads. They use a variety of techniques and materials: colored inks, gouache, watercolor, commercial pressure lettering, acrylics, air brush, colored pencils, markers and mixed media. Students also incorporate computer graphics using the IBM-PC. Communication Design II and III students work on advanced problems, often on independent projects of their choice; excellence is emphasized. Advanced students are encouraged to organize portfolios of their best work for college/art school admission, scholarship application, or job interviews.

729 - DESIGN WITH FIBERS I

Prerequisite: Concepts and Materials in Art

730 - DESIGN WITH FIBERS II

Prerequisite: Design with Fibers I

Grades 9-10-11-12

5 CREDITS

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 and/or a basket of their design.

In Fibers II, students will build on their fiber knowledge and skills, by working on more advanced projects in fiber areas of their choice.

ART (continued)

733 - DESIGN WITH METALS I	Prerequisite: Concepts and Materials in Art
734 - DESIGN WITH METALS II	Prerequisite: Design with Metals I
735 - DESIGN WITH METALS III	Prerequisite: Design with Metals II
736 - DESIGN WITH METALS IV	Prerequisite: Design with Metals III

Grades 9-10-11-12

5 CREDITS

Art students who wish to explore metal design learn basic metal working techniques: sawing, filing, soldering, forming, shaping, and bending. They work with copper, brass, and silver, as well as with wood and stone. Projects 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 personal items that students may produce.

737 - PHOTOGRAPHY I	Requirement: 35-mm camera is mandatory
738 - PHOTOGRAPHY II	Prerequisite: Photography I
739 - PHOTOGRAPHY III	Prerequisite: Photography I and II

Grades 10-11-12

10 CREDITS

Photography I students learn the basic skills necessary to operate a camera, develop film, and to make 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 are given that will allow the student to explore a variety of ways in which to use equipment and materials in order to carry out their concepts. Students learn about the aesthetics of picture making and how various photographers have used photography as a means of creativity and expression.

Photography II students learn advanced technical camera and darkroom procedures as they develop their personal styles. These 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. Photography III students continue to develop portfolios of their best work with particular focus on imaginative personal statements and refined technique.

740 - FIGURE DRAWING I	Prerequisite: Concepts and Materials in Art
741 - FIGURE DRAWING II	Prerequisite: Figure Drawing I
742 - FIGURE DRAWING III	Prerequisite: Figure Drawing II
743 - FIGURE DRAWING IV	Prerequisite: Figure Drawing III

Grades 9-10-11-12

5 CREDITS

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, colored inks, and colored pencils as well as mixed media. Students work directly from models who are often members of the class. Slides are used as an aid in teaching proportion and anatomy.

Students see the way that different artists have drawn the figure and also see the way the figure is presented from 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.

ART (continued)

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

Grades 9-10-11-12

5 CREDITS

Students work in three-dimensional forms with 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. The history of sculpture and its impact are also studied. 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.

BUSINESS EDUCATION

Business Careers

Accounting I, II, III, IV

Business Administration

Business Co-op

Marketing Careers

Marketing I, II

Marketing III

Advertising

Sports and Entertainment Marketing

Marketing Co-op

Personal Business Applications

Business Law

Business Explorations

Small Business Entrepreneurship

Personal/Professional Use Skills

Information Processing I, II

Advanced Information Processing

Keyboarding and Information Processing

607 - ACCOUNTING I

Grades 10-11-12

5 CREDITS

Accounting is the language of business; Accounting I acquaints students with basic 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 business organized as a service business for a sole proprietorship. The learning goals are achieved through the completion of problems, business simulations, and computerized projects.

608 - ACCOUNTING II

Prerequisite: Accounting I

and

Recommendation of Accounting I Instructor

Grades 10 11-12

5 CREDITS

Accounting II continues the development gained in skills and knowledge gained 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, business simulations, and computerized projects.

609 - ACCOUNTING III

Prerequisite: Accounting II

and

Recommendation of Accounting II Instructor

Grades 11-12

5 CREDITS

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 on plant assets, and acquiring capital and paying dividends for a corporation. Learning is accomplished through completion of problems, simulations and computerized projects.

610 - ACCOUNTING IV

Prerequisite: Accounting III

and

Recommendation of Accounting III Instructor

Grades 11-12

5 CREDITS

A final semester in Accounting will allow this student who plans a career in business to discover specific topics related to corporation accounting. Students will acquire skills to account for different control systems used in accounting and 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 computer projects.

620 - BUSINESS ADMINISTRATION

Grades 11-12

5 CREDITS

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 own their own businesses someday 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 business issues. This course is organized to prepare students to assume the basic responsibilities of personal leadership and other traits which will ensure success in college and the workplace.

614 - BUSINESS CO-OP

Prerequisite: Completion of ONE:
Information Processing I, II,
Advanced Information Processing
or
Accounting I, II
or
Small Business and approval of dept. chair

Grade 12

10 CREDITS

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, et.); 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

Grades 9-10-11-12

5 CREDITS

This course includes basic concepts involved in the flow of goods and/or services from producers to consumers with emphasis on economics and entrepreneurship. Students learn marketing concepts through activities and projects related to economics, marketing, business fundamentals, communications, human relations and mathematics. 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

Grades 9-10-11-12

Requirement: Successful completion of Marketing I

5 CREDITS

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.

627 - MARKETING III

Grades 10-11-12

Requirement: Successful completion of Marketing II

5 CREDITS

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.

BUSINESS (continued)

628 - ADVERTISING

Grades 10-11-12

5 CREDITS

This course is designed to explore the basic 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

Grades 10-11-12

5 CREDITS

This course is designed to explore the basic concepts of Sports and Entertainment Marketing. Through activities, projects and presentations students will learn the working of professional, college, 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.

626 - MARKETING CO-OP

Recommended: Completion of or current enrollment in
Marketing I, Advertising,
or
Sports and Entertainment Marketing

Grade 12

10 CREDITS

An employer interviews and hires the student for a position approved by the teacher-coordinator. Students develop employment skills by performing tasks related to their career interest. Students are required to work an average of 15 hours per week at their places of employment. 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.

619 - BUSINESS LAW

Grades 10-11-12

5 CREDITS

Knowledge of business law is useful for all students because all students eventually assume roles as citizens, workers and consumers. The course is designed for those students interested in a career in business law. It provides fundamental instruction for students' preparation as consumers, as business owners, and management. Topics will include business ethics, legal obligations, awareness of current legal issues, and decision making.

600 - BUSINESS EXPLORATIONS

Grades 9-10

5 CREDITS

Students investigate the work of business and office technology careers. Typical activities include keeping accounts receivable and payable, verifying invoices, and writing business letters. A basic marketing project and a sales promotion campaign illustrate the wide variety of activities related to retailing. Career-related activities encourage decisions about business careers and related educational options.

601 - SMALL BUSINESS ENTREPRENEURSHIP

Grades 10-11-12

5 CREDITS

Small Business Operations is a practical program in which students experience the excitement and frustration of the independent business person. Instruction covers information pertaining to the many activities, problems, and decision-making challenges involved in starting and operating a small business. Students are confronted with a variety of decisions while establishing a simulated business. Students with business aspirations may find the course leads to employment in a small business area.

617 - KEYBOARDING AND INFORMATION PROCESSING

Grades 9-10

5 CREDITS

This course is designed for students who have not yet demonstrated mastery of keyboarding and information processing skills necessary for success in high school. It will provide those students, who need more instruction in keyboarding techniques, an opportunity to learn the keyboard using the touch method of typing. Accuracy and speed will be emphasized. It will also teach the student how to format many documents needed in high school, such as: letters, reports, memos, outlines, lists, tables, and spreadsheets.

612 - INFORMATION PROCESSING I

Grades 9-10-11-12

5 CREDITS

Students will access the computer network, enter data using the touch method of keyboarding, and apply their skill to format documents similar to those they will prepare for classes in high school and college (i.e. reports, bibliographies, endnotes, resumes, and cover letters). The creation and management of spreadsheets (Excel), databases (Access), presentation projects (Power Point), electronic mail, and Internet research is also included in Information Processing I.

613 - INFORMATION PROCESSING II

Prerequisite: Successful completion of Information Processing I
or
competency equivalent to Information Processing I

Grades 9-10-11-12

5 CREDITS

Students increase their speed and accuracy in using the keyboard and apply advanced computer functions to format complex documents, spreadsheets, and databases similar to those they will prepare for college classes and graduate/professional school courses. PowerPoint, resumes, and cover letters are also taught in Information Processing II.

618 - ADVANCED INFORMATION PROCESSING

Prerequisite: Successful completion of
Information Processing I and II

Grades 10-11-12

5 CREDITS

Students learn to create a reference manual while creating and formatting documents similar to those used both in high school and college classes. Students complete a simulation which will provide the opportunity to integrate word processing, spreadsheets, and database skills acquired in Information Processing I and II. Advanced Information Processing offers the additional advantage of exposing students to the type of documents encountered in the business world. It includes work with Publisher, PowerPoint and the digital camera.

ENGLISH

Graduation requirements: Students must earn 40 or more credits in English. Of these 40 credits, 10 credits must be earned in Freshman English (Traditional or Honors) and 10 credits 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 40 credits by earning 10 credits 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.

Highly Challenging College Prep Program

Freshman English Honors	(10 credits required)	9th
American Literature and Composition Honors	(10 credits required)	10th
Advanced Placement Language & Composition	(10 credits)	11th-12th
Advanced Placement Literature & Composition	(10 credits)	11th-12th

Additional Optional Electives also available. See list below.

Challenging College Prep Program

Freshman English (Traditional or Honors) (10 credits required) 9th
 American Lit. and Composition (Traditional or Honors) (10 credits required) 10th
 Choice of TWO of the following:
 Literature, Culture and the Humanities (10 credits) 11th-12th
 AP Lang. and Comp. (10 credits) 11th-12th
 British Literature and Composition (10 credits) 10th-12th
 AP Literature and Composition. (10 credits) 11th-12th
 Classics of World Literature (10 credits) 11th-12th

Additional Optional Electives also available. See list below.

Traditional College Prep Program

Freshman English (10 credits required) 9th
 American Literature and Composition (10 credits required) 10th-12th

Optional Elective courses for completing 40 hour 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 (10 credits) 10th-12th	Film Literature (5 credits) 10th-12th
Classics of World Literature (10 credits) 11th-12 th	Literature, Culture, and the Humanities (10 credits) 11th-12th
Creative Writing (5 credits) 9th-12 th	Journalism (10 credits) 9th-12th
Debate (5 credits) 9th-12th	Mythology (5 credits) 10th-12th
Explorations in Reading (5 credits) 10th-12th	Shakespeare (5 credits) 10th-12th
Expository Writing (5 credits) 10th-12th	
Speech (5 credits) 10th-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 credits), Expository Writing (5 credits), and Freshman English. Students considering playing Division I or II college-level sports should carefully plan courses with their counselors to ensure eligibility.

162 - AMERICAN LITERATURE AND COMPOSITION

Required Course
or
(American Literature and Composition Honors)

Grades 10-11-12

10 CREDITS

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)

Grades 10-11-12

10 CREDITS

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.

197 - AP ENGLISH: LANGUAGE AND COMPOSITION

Grades 11-12

10 CREDITS

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 impromptus, 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.

145 - AP ENGLISH: LITERATURE AND COMPOSITION

Grades 11-12

10 CREDITS

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.

164 - BRITISH LITERATURE AND COMPOSITION

Grades 10-11-12

10 CREDITS

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.

104 - CLASSICS OF WORLD LITERATURE

Grades 11-12

10 CREDITS

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.

123 - CREATIVE WRITING

Grades 9-10-11-12

5 CREDITS

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

Grades 10-11-12

5 CREDITS

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.

175 - DEBATE

Grades 9-10-11-12

5 CREDITS

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

177 - ADVANCED DEBATE II

Required: approval of debate teacher; credits not counted toward graduation requirements in English

Grades 10-11-12

5 CREDITS

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. Competition at a predetermined number of tournaments is encouraged.

112 - EXPLORATIONS IN READING

Grades 10-11-12

5 CREDITS

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.

122 - EXPOSITORY WRITING

Grades 10-11-12

5 CREDITS

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 and participate in oral presentations. Students learn term paper and research skills. Special emphasis is placed on developing critical thinking skills as they relate to class assignments.

117 - FILM LITERATURE

Grades 10-11-12

5 CREDITS

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.

101 - FRESHMAN ENGLISH

Required Course (or Freshman English Honors)

Grade 9

10 CREDITS

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 and/or Dracula by Stoker.

103 - FRESHMAN ENGLISH HONORS

Required Course (or Freshman English)

Grade 9

10 CREDITS

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.

106 - JOURNALISM

Journalism fulfills 1 year graduation requirement in English

Grades 9-10-11-12

10 CREDITS

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.

ENGLISH (continued)

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

10 CREDITS

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.

115 - MYTHOLOGY

Grades 10-11-12

5 CREDITS

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.

111 - READING WORKSHOP

Requirement: Teacher recommendation

or

students new to the district

Grades 10-11

5 CREDITS

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.

118 - SHAKESPEARE

Grades 11-12

5 CREDITS

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.

116 - SPEECH

Grades 10-11-12

5 CREDITS

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.

105 - LITERATURE, CULTURE, AND THE HUMANITIES

10 ENGLISH CREDITS

or

5 ENGLISH/ 5 FINE ARTS CREDITS

Grades 11-12

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.

INTERDEPARTMENTAL

CAREER DECISIONS

950 - CAREER DECISIONS

Grades 11-12

5 CREDITS

Career Decisions is designed to help students cope with change while they plan their futures. Students learn about new, emerging occupations and careers for the 21st century, the meaning of work and how to use the career search tools necessary for success, personal economics and money management, and values, beliefs, and ethical behaviors. The course is planned to prepare students to investigate the question of what to make of their lives. Students will leave the program with a personal resume. Career Decisions is taught by the Lifeskills Department at South and the Business Education Department at North. The course may be used to meet the 210 credit graduation requirement and may be used to fulfill a practical art requirement.

YEARBOOK PRODUCTION

172 - YEARBOOK PRODUCTION North

Grades 11-12

10 CREDITS

This course is designed to offer students the opportunity to learn the many aspects of the publishing process, from planning to distribution of the end product. Students are involved in class discussions, class designing, and individual instruction. Students assume responsibility for reporting and writing, computer designing using Yeartech Online, tracking production, and business tasks in the production of the end product-*Valhalla* or *Viewpoint*.

LIFESKILLS and HEALTH EDUCATION

PERSONAL LIVING

Child Development/Parenting
Effective Living
Fashions & Fabrics I, II, III, IV
Food for Fitness I
Food for Fitness II
Health Education
Living On Your Own
Interior Design/Housing

CAREERS

Art of Pastry and Dessert Preparation
Child Care Services
Child Care Services Co-op
Commercial Foods I, II (SOUTH)
Commercial Foods Co-op (SOUTH)
Medical Aides Co-op

800 - FOOD FOR FITNESS I

Grades 9-10-11-12

5 CREDITS

Students who are interested in improving and maintaining their personal health through good food are encouraged to take this course. Students assess their present lifestyle and eating patterns through computer analysis. They also gain an understanding of how physical fitness and nutrition are related. Through laboratory experiences, students prepare foods which promote a healthier life. Some topics to be studied are natural foods, dieting, weight control, and nutrition.

805 - FOOD FOR FITNESS II

Grades 10-11-12

Prerequisite: A grade of C or better in Food for Fitness I

5 CREDITS

This course is designed for the student who has mastered Foods for Fitness I. Students acquire and apply the skills learned in Food for Fitness at a more advanced level. Advanced nutrition as well as preparation techniques will be emphasized. Through laboratory experience, students will prepare foods which require higher skills in culinary arts, i.e., soups, stocks, yeast products, pastries, desserts, etc.

Prerequisite: A grade of C or better in Foods for Fitness I

or

teacher interview

815 - ART OF PASTRY AND DESSERT PREPARATION

Grades 9-10-11-12

5 CREDITS

This course will provide a continued experience in food preparation and food technique to follow Foods for Fitness I and II. Students will have hands-on learning experience in the preparation of pastry and desserts that will lead to job opportunities in local pastry shops, restaurants and bakeries.

LIFESKILLS AND HEALTH EDUCATION (continued)

801 - FASHION AND FABRICS I

802 - FASHION AND FABRICS II

Prerequisite: C or better in Fashions and Fabrics I
or
approval of department chair

803 - FASHION AND FABRICS III

Prerequisite: C or better in Fashions and Fabrics II
or
approval of department chair

804 - FASHION AND FABRICS IV

Prerequisite: C or better in Fashions and Fabrics III
or
approval of department chair

Grades 9-10-11-12

5 CREDITS

The Fashion and Fabrics classes are designed for the beginning as well as for the advanced students who desire to develop or improve clothing construction skills. Students will work independently on projects according to their ability levels to improve their personal and/or occupational competency skills. Students' projects will encompass a range of difficulty levels from items such as vests, pants, and skirts at the beginning level to prom attire and polar fleece jackets for more advanced students. In Fashion and Fabrics II and II students will have access to and be trained to use new computerized sewing and embroidery machines to enhance their hand made or purchased garments. Students can use purchased software designs and learn to digitize hand-created patterns through the use of scanning equipment. Students will also learn new construction techniques such as varied zipper applications, machine hem stitching, and different garment closures. Students in all levels will use new pattern-making software similar to that used by pattern companies' clothing designers. This software allows students to choose from a wide array of pattern choices and print patterns customized to their own body measurements. Students can also manipulate the computer templates to create new fashion designs.

811 - COMMERCIAL FOODS I

SOUTH 1 hour, for all year

10 CREDITS

812 - COMMERCIAL FOODS I

SOUTH 2 hours, for all year

20 CREDITS

Grades 10-11-12

This introductory course acquaints students with the many job opportunities available in the food service industry. With strong emphasis placed on the organization and operation of the food service facility, students acquire many of the skills in food preparation and customer service necessary for future careers. Commercial Foods I is a prerequisite for Commercial Foods II and Commercial Foods Co-op.

813 - COMMERCIAL FOODS II

SOUTH

Prerequisite: Commercial Foods I

Grades 11-12

10 CREDITS

This course is designed for students with a commitment to Food Service. Emphasis is placed on providing students with skills at or above 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 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

10 CREDITS

Students are employed a minimum of 15 hours a week in 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 as busboys or busgirls, waiters or waitresses, hosts or hostesses, salad or sandwich makers, or short-order cooks. With further training, students may qualify for hotel, motel, or restaurant management as well as other positions. Those who have previously taken Commercial Foods I begin occupational training immediately; others are placed when ready.

824 - INTERIOR DESIGN/HOUSING

Grades 10-11-12

5 CREDITS

Interior Design/Housing is concerned with the basic elements and principles of housing design, architectural styles, decoration of housing interiors, and home ownership options. By gaining a basic understanding of the design elements -- color selection, use of backgrounds, window treatments, floor coverings, period furniture, and accessories, as well as how to draw and evaluate floor plans -- students develop skills in designing and decorating homes and creating a comfortable living environment. Students who have a creative flair and a desire to pursue personal and career opportunities are encouraged to take this course.

825 - CHILD DEVELOPMENT/PARENTING

Recommended prerequisite for Child Care Services

Grades 10-11-12

5 CREDITS

This course is intended as a guidance course for future parents and to help those who are anticipating a career in which they will work with children. The physical, social, intellectual, and emotional development of children ages birth through six is studied in depth. Other topics of study include: age appropriate activity and toy selection, discipline strategies, birth defects and observation techniques. A new component of the program allows students the opportunity to "parent" an "infant simulator" for two days. The "Baby Think It Over Dolls" give students a realistic experience of life with an infant.

Students who experience success in the course have the opportunity during the second half of the course to observe children closely by taking part in a guided experience in a kindergarten of the Grosse Pointe Public School System, or in a nursery school or day care center in the area. A major purpose of the course is to aid students in gaining a deeper understanding of children, and, thus, indirectly, of themselves and others.

826 - LIVING ON YOUR OWN

Grades 11-12

5 CREDITS

Living On Your Own prepares students for the challenges and responsibilities of early adulthood. The course consists of two major areas of study: (1) consumerism and money management and (2) foods and nutrition. The money management units help students develop skills in earning, spending, and saving, e.g., renting an apartment and buying a car. The study of foods and nutrition helps students gain skills in purchasing and preparing food and in planning meals. The principles of microwave cooking and the use of the food processor are incorporated in the laboratory experiences. Students learn to select food to promote good health, weight control, and physical fitness.

827 - EFFECTIVE LIVING

Grades 11-12

5 CREDITS

Effective Living helps an individual develop an identity in today's world. Students gain insights that help them understand themselves and others. They also learn the importance of a wholesome personality: what it is, how it can be developed, and how it benefits both the individual and society. Students study personal values relating to sexuality, marriage readiness, conflict resolution and current social issues as they affect individuals and families. Parents who do not want their children to receive instruction in human sexuality should not approve this elective on the course selection form. Students may wish to combine this course with Living On Your Own.

LIFESKILLS AND HEALTH EDUCATION (continued)

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

10 CREDITS

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 or medical doctors' offices, with occupational therapists or in medical research. There are also positions and training available through Bon Secours and St. John Hospitals. 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.

837 - CHILD CARE SERVICES

2 hour block for year

Grades 11-12

20 CREDITS

Students interested in a practical course working weekly with children are encouraged to enroll in Child Care Services. The course is designed for students planning a career with children or related to children. It is recommended for college-bound students pursuing a degree in Early Childhood Education or for students seeking employment in the field of Child Care directly out of high school. Students observe and work with pre-school children in a laboratory nursery as well as plan and direct a variety of activities.

Career exploration in this course includes primarily the role of the child care aide but also explores Early Childhood Education, Child Psychology and Sociology, Physical/Psychological Therapy and other careers related to the special needs of children. As more families require day care each year, emphasis is given to care of children of working parents. How to start play groups and home day care centers which meet state licensing requirements will be discussed.

Successful completion of this course prepares students for work as classroom or Child Care Aides in private enterprise, in public schools, or as part of the Child Care Co-op program.

838 - CHILD CARE SERVICES

Prerequisite: Previously enrolled in Child Care Services.

CO-OP (A.M.)

If concurrently enrolled in Child Care Services,

839 - CHILD CARE SERVICES

the student must be 18 years old.

CO-OP (P.M.)

Grade 12

10 CREDITS

Cooperative Child Care Services is an on-the-job training program for students interested in a career in child care. They may serve as aides in day care centers, nursery schools, and school-age child care programs. Students are dismissed from school to work a minimum of 15 hours a week in the Grosse Pointe-Detroit area. The teacher-coordinator who supervises the students works with employers to improve students' personal and technical skills and to evaluate their work. Students may work in morning, afternoon or after school co-op jobs.

920 - HEALTH EDUCATION

COMMENT: Health Education is required.

WITH FAMILY PLANNING

Grades 9-10-11-12

5 CREDITS

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 on personal health, nutrition, physical fitness, family health, human growth/sexuality and development, and disease prevention and control. This version of the required Health Education course includes a short unit of approximately 3 days which expands the regular study of human sexuality to include information about family planning and contraception set within a framework of personal responsibility, self-respect, and the freedom to say no. Parents who do not want their children to receive instruction in this aspect of human sexuality may opt their students into an alternative learning experience during the short family planning unit.

MATHEMATICS

HIGH SCHOOL SEQUENCE

Students are required to complete two years (20 credits) in mathematics for high school graduation. However, most students take three or more years (30 + credits) of mathematics. It is recommended that students planning a college experience take 40 credits in mathematics.

Essentials of Mathematics Sequence

300 Pre-Algebra

301 Basic Algebra

303 Basic Geometry

306 Algebra I for Upperclassman

322 Algebra II

College Preparatory Math Sequence

307 Algebra I College Prep

316 Geometry College Prep

322 Algebra II *or* **334** Honors Algebra II

332 Advanced Math *or* **342** Pre-calculus *or* **345** Honors Pre-calculus

Accelerated Mathematics Sequence

330 Honors Accelerated Geometry

335 Honors Accelerated Algebra II

346 Honors Accelerated Pre-calculus

358 AP Calculus AB *or* **359** AP Calculus BC

Computer Courses

371 Introduction to Computer Applications

372 Computer Applications II

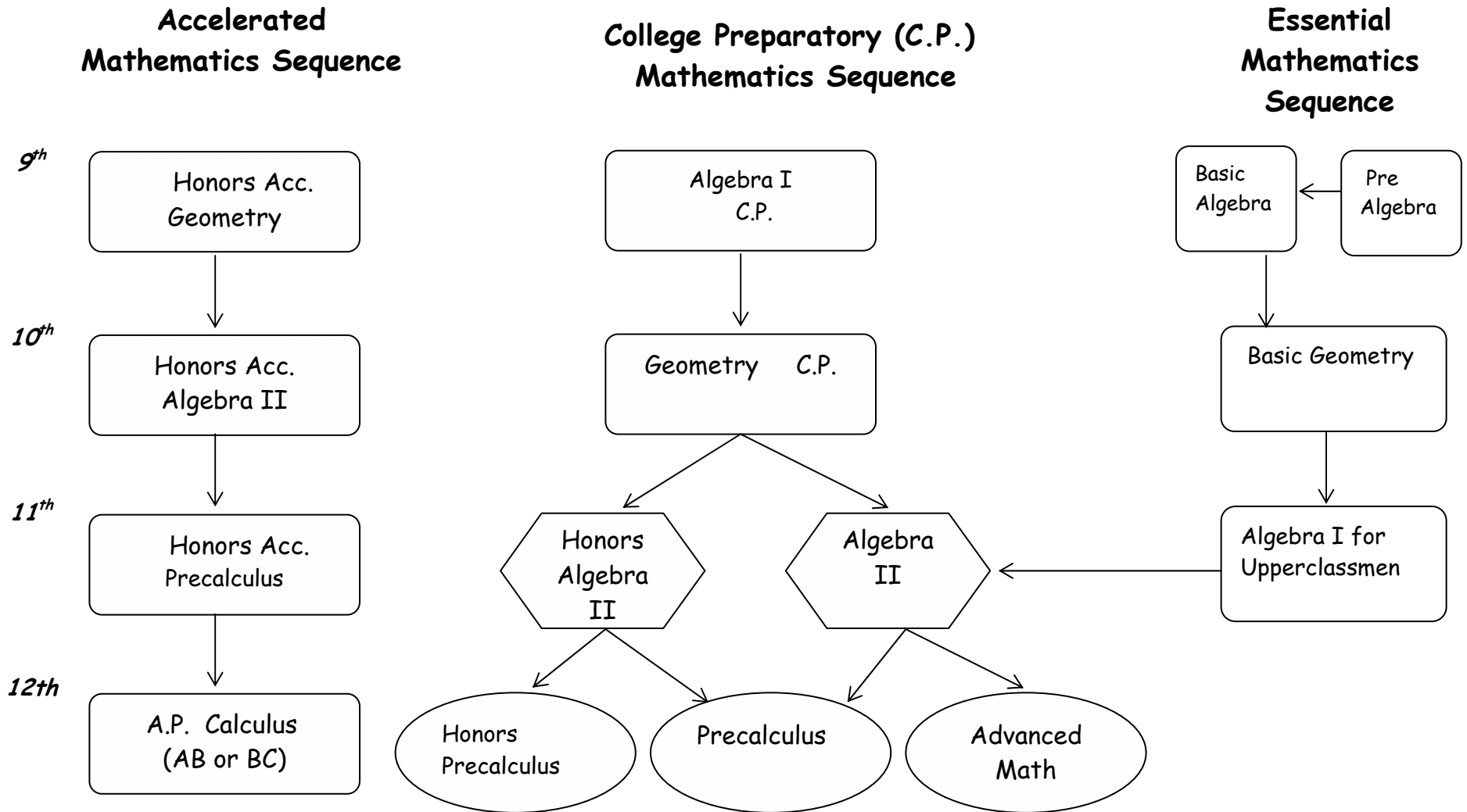
375 Beginning Computer Programming – BASIC

376 Advanced Computer Programming I

377 Advanced Computer Programming II

378 AP Advanced Computer Programming III

Math Flow Chart for High School 2004-2005



Non-sequential course: Advanced Placement Statistics: Prerequisite: Honors Algebra II

Note: Occasionally, "horizontal" movement on the chart may be recommended for a student with special needs, although the sequence of course topics remains the same.

ESSENTIALS OF MATHEMATICS SEQUENCE

The developmental Mathematics Sequence gives students exposure to and experience with the same concepts that are presented in the Foundations of Mathematics Sequence but at a slower pace.

300 - PRE-ALGEBRA

Requirement: Counselor Recommendation

10 CREDITS

This course is designed to precede Basic Algebra. The contents of the course are sequenced to provide a smooth path from arithmetic to algebra. Reading and problem solving are emphasized throughout. In addition, questions are chosen carefully to reinforce real-world situations, and challenge and enhance critical thinking skills. A scientific calculator is used throughout the course.

301 - BASIC ALGEBRA

Prerequisites: Mathematics 8 or Pre-Algebra

Requirement: Teacher recommendation

10 CREDITS

This course is designed to precede Basic Geometry. The contents of this course are sequenced to provide a smooth path from arithmetic to algebra, and from the visual world and arithmetic to geometry. Reading and problem solving are emphasized throughout. In addition, questions are chosen carefully to reinforce real-world situations, and challenge and enhance critical thinking skills. A scientific calculator is used throughout the course.

303 - BASIC GEOMETRY

Prerequisite: Basic Algebra

10 CREDITS

This course covers the major topics of plane geometry such as parallelism, congruency, similarity, area, and volume with an emphasis on insight rather than rigorous proof. Applications of various geometric concepts are stressed. Algebraic and computational skills are reviewed and reinforced throughout the course.

306 - ALGEBRA I FOR UPPERCLASSMEN

Prerequisites: Basic Algebra and Basic Geometry

10 CREDITS

This course is a traditional approach to the formal study of first year Algebra. The course addresses simplifying algebraic expressions, solving and graphing algebraic equalities and inequalities, applying the rules of exponents, factoring, simplifying rational expressions and solving rational equations, linear functions and graphs, solving systems of equations, simplifying radical expressions and solving radical equations, solving quadratic equations, being able to set up and solve word problems. Following this course, students should elect Algebra II for their fourth year of mathematics.

322 - ALGEBRA II

Prerequisite: Geometry College Preparatory

Requirement: Teacher recommendation

10 CREDITS

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.

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 COLLEGE PREPARATORY

Prerequisite: Mathematics 8, Pre-Algebra or their equivalent
Requirement: Teacher recommendation

10 CREDITS

This course is a traditional, approach to the formal study of first year Algebra. The course addresses simplifying algebraic expressions, solving and graphing algebraic equalities and inequalities, applying the rules of exponents, factoring, simplifying rational expressions and solving rational equations, linear functions and graphs, solving systems of equations, simplifying radical expressions and solving radical equations, solving quadratic equations, being able to set up and solve word problems.

316 – GEOMETRY COLLEGE PREPARATORY

Prerequisite: Algebra I College Preparatory
Requirement: Teacher recommendation

10 CREDITS

This course presents coordinates, transformations, measurement formulas, three-dimensional figures and proof writing. Geometry integrates standard approaches making use throughout of the algebra that students know. It presents the major ideas and examples of recent developments in geometry and its applications. A scientific calculator is used throughout the course.

322 - ALGEBRA II

Prerequisite: Geometry College Preparatory
or
Algebra I UP
Requirement: Teacher recommendation

10 CREDITS

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.

332 - ADVANCED MATHEMATICS

Prerequisite: Algebra II
Requirement: Teacher recommendation

10 CREDITS

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.

334 - HONORS ALGEBRA II

Prerequisite: Geometry College Preparatory
Recommendation: Grade of B or higher in Algebra 1 College Prep and Geometry College Prep.

10 CREDITS

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 based on these concepts. Students study logarithmic, trigonometric, polynomials, and other special functions both for their abstract properties and as tools for modeling real-world situations. Students are encouraged to discuss problems on several levels rather than from a one-dimensional approach. A graphing calculator is used throughout this course to enhance student learning.

MATHEMATICS (continued)

342 – PRE-CALCULUS

Prerequisite: Algebra II and/or Adv. Math
Requirement: Teacher recommendation

10 CREDITS

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.

345 - HONORS PRE-CALCULUS

Prerequisite: Honors Algebra II
Recommendation: Grade of B or higher
in Honors Algebra II

10 CREDITS

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. A graphing calculator is used throughout the course. 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.

ACCELERATED MATHEMATICS SEQUENCE

This series of accelerated courses allows exceptionally capable students the opportunity to earn college credit for high school mathematics upon successful completion of the Advanced Placement examination in Calculus. Topics in the courses are taught from a rigorous perspective and presented to develop the mathematical reasoning ability of students. A graphing calculator is used throughout.

330 - HONORS ACCELERATED GEOMETRY
Teacher Recommendation

Prerequisite: Honors Accelerated Algebra I Requirement:

10 CREDITS

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.

335 - HONORS ACCELERATED ALGEBRA II
Teacher recommendation

Prerequisite: Honors Accelerated Geometry Requirement:

10 CREDITS

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 based on these concepts. Students study logarithmic, trigonometric, polynomials, and other special functions both for their abstract properties and as tools for modeling real-world situations. A graphing calculator is used throughout this course to enhance student learning.

MATHEMATICS (continued)

346 - HONORS ACCELERATED PRE-CALCULUS

Prerequisite: Honors Accelerated Algebra II
Requirement: Teacher recommendation

10 CREDITS

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 - A.P. CALCULUS AB

Prerequisite: Honors Accelerated Pre-calculus

359 - A.P. CALCULUS BC

Requirement: Teacher Recommendation

10 CREDITS

AP Calculus contains topics comparable to a semester (AB) or first-year (BC) college course in calculus 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.

COMPUTER COURSES

371 - INTRODUCTION TO COMPUTER APPLICATIONS

5 CREDITS

This course will develop students' skills in word processing, database management, spreadsheets and charts. Students will use the Internet and software on the school system network. Based on student interest, other possible topics that can be covered include desktop publishing and use of CD ROMS for research.

372 – COMPUTER APPLICATIONS II

Prerequisite: Grade of B or better in Introduction to
Computer Applications
or
teacher recommendation.

5 CREDITS

This course will cover advanced skills in word processing, spreadsheets and graphs, database management, presentation software, desktop publishing, use of a scanner, use of a digital camera and computer graphics. Also covered will be web page design with HTML and web editors.

MATHEMATICS (continued)

375 - BEGINNING COMPUTER PROGRAMMING - BASIC

Prerequisite: Concurrent/previous enrollment in Algebra I
or
higher level Math course

5 CREDITS

BASIC Programming is the study of programming a computer in the BASIC language. The use of microcomputers develops the understanding that the computer is an electronic tool used to solve problems. Designed for students with no knowledge of programming, it provides students with enough background to take courses in any other computer language.

376 – ADVANCED PROGRAMMING I

Prerequisite: BASIC/formal course in programming.

5 CREDITS

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.

377 – ADVANCED PROGRAMMING II

Prerequisite: Advanced Programming I (C or better)

5 CREDITS

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.

378 – AP ADVANCED PROGRAMMING III

Prerequisite: Advanced Programming II (B- or better)

5 CREDITS

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.

Courses 371, 372, 375, 376 and 378 not counted toward graduation requirement in mathematics.

MODERN AND CLASSICAL LANGUAGES

At least 3 years of study of a foreign language are recommended for all high school students who are planning to go on to a four-year college experience.

FRENCH

French I	10 Credits
French II	10 Credits
French III	10 Credits
French IV	10 Credits
Honor French IV	10 Credits
French V	10 Credits
AP French V	10 Credits

GERMAN

German I	10 Credits
German II	10 Credits
German III	10 Credits
German IV	10 Credits
AP German IV	10 Credits

ITALIAN

Italian I	10 Credits
Italian II	10 Credits
Italian III	10 Credits
Italian IV	10 Credits
AP Italian IV	10 Credits

LATIN

Latin I	10 Credits
Latin II	10 Credits
Latin III	10 Credits
AP Latin IV	10 Credits

SPANISH

Spanish I	10 Credits
Spanish II	10 Credits
Spanish III	10 Credits
Spanish IV	10 Credits
Honors Spanish IV	10 Credits
Spanish V	10 Credits
AP Spanish V	10 Credits

MODERN AND CLASSICAL LANGUAGES (continued)

201 - FRENCH I

Grades 9-10-11-12

10 CREDITS

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 tapes, 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

Grades 9-10-11-12

10 CREDITS

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

10 CREDITS

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.

208 - FRENCH IV

Prerequisite: French III

210 - FRENCH V

Prerequisite: French IV or IV H

Grades 11-12

10 CREDITS

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 a duplication, but present distinct course materials. French IV and V continues 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

10 CREDITS

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: French IV or IV H

Grades 11-12

10 CREDITS

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 CDs, tapes and movies, 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.

MODERN AND CLASSICAL LANGUAGES (continued)

211 - ITALIAN I

Grades 9-10-11-12

10 CREDITS

This course is for students who are beginning their study of Italian. Throughout the year, students are introduced to a variety of activities that are instrumental and essential to developing the four communicative skills of speaking, listening, reading, and writing. Visual aids, audio tapes, and video lessons complement the development of these skills. Individual, partner, and group work provides opportunities for further use of the language. Students also are introduced to the rich culture and geography of Italy.

212 - ITALIAN II

Prerequisite: Italian I

Grades 10-11-12

10 CREDITS

This course is intended for students who mastered the skills of Italian I. The students will demonstrate the communicative skills of listening, speaking, reading, and writing to a higher degree through various classroom activities and short compositions. Students continue to explore the culture and geography of Italy.

213 - ITALIAN III

Prerequisite: Italian II

Grades 11-12

10 CREDITS

Students will continue to improve their communicative language skills while learning more advanced grammatical structure. The textbook is supplemented with a variety of materials and activities including on-line articles, poetry, short stories, videos, role-playing, and mini-projects. Students will enhance their conversational skills by writing and performing sketches and videos. Students become more confident in using the Italian language in real life situations. Students will also recognize and appreciate the contributions of Italian people as they explore the rich culture and the geography of Italy.

214 - ITALIAN IV

230 - AP ITALIAN IV

Prerequisite: Italian III

Grades 11-12

10 CREDITS

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 and writing assignments to prepare for the challenging AP exams. Students will also review and refine the grammar learned in Italian I, II, and III. They will read a variety of written works; use the language lab for listening and on line activities, and practice situations both orally and in writing.

216 - LATIN I

Grades 9-10-11-12

10 CREDITS

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

Prerequisite: Latin I

Grades 9-10-11-12

10 CREDITS

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.

MODERN AND CLASSICAL LANGUAGES (continued)

250 - LATIN III

Prerequisite: Latin II or equivalent

Grades 11-12

10 CREDITS

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 *Abe 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.

251 - AP LATIN IV

Prerequisite: Latin III or equivalent

Grade 12

10 CREDITS

In this Latin course, students will read complete course syllabi appropriate to the particular Advanced Placement Exam. Course material 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*. Particular emphasis is placed on critical readings and thoughtful discussions of the text, as well as mastering essay skills essential to the Advanced Placement Exam.

221 - GERMAN I

Grades 9-10-11-12

10 CREDITS

This course is communication-oriented to enable students who go to a German-speaking country, to have the basics needed for everyday communication. A video series accompanying the text acquaints students with native speakers and culture. Students work individually and with partners or in small groups to practice language skills. The course employs a variety of instructional methods that focus on active learning.

222 - GERMAN II

Prerequisite: German I

Grades 10-11-12

10 CREDITS

Students who have been successful in German 1 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.

225 - GERMAN III

Prerequisite: German II

Grades 11-12

10 CREDITS

At this level 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

10 CREDITS

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.

MODERN AND CLASSICAL LANGUAGES (continued)

231 - SPANISH I

Grades 9-10-11-12

10 CREDITS

This course is intended for students who are beginning the study of Spanish. Students are introduced to a rich variety of activities that develop the four communicative skills of speaking, listening, reading, and writing. Video and audio tapes, 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 Hispanic culture.

232 - SPANISH II

Grades 9-10-11-12

Prerequisite: Spanish I in high school *or* middle school.

10 CREDITS

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. Spanish II continues to open up to the student the wide and varied cultures and customs of the Hispanic world.

233 - SPANISH III

Grades 10-11-12

Prerequisite: Spanish II

10 CREDITS

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.

234 - SPANISH IV

235 – SPANISH V

Grades 11-12

Prerequisite: Spanish III

Prerequisite: Spanish IV

10 CREDITS

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 a duplication, but present distinct course materials. Spanish IV and V continues 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. 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

Grades 11 – 12

Prerequisite: Spanish III

10 CREDITS

This course, along with Spanish 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.

238 - AP SPANISH V

Grade 11-12

Prerequisite: Spanish IV

10 CREDITS

This course provides students with the opportunity to study in greater depth the history, culture, literature, and language of the Hispanic world and the application of such study to contemporary living. Students in this course read Hispanic literature as well as contemporary publications (newspaper, magazines) and write compositions in Spanish. They accelerate the listening comprehension through the use of CDs, tapes, and movies, and refine their speaking skills through continual class practice and discussion and recordings. Students prepare for the Advanced Placement Exam for college placement and credit.

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 music teachers.

INSTRUMENTAL MUSIC

Concert Band	10 credits
Symphonic Band	10 credits
Concert Orchestra	10 credits
Symphony Orchestra	10 credits
Jazz Lab	10 credits

CHORAL MUSIC

Choir – Beginning - Soprano/Alto	10 credits
Choir – Beginning - Tenor/Bass	10 credits
Choir - Intermediate - Mixed	10 credits
Choir - Advanced Women's	10 credits
Choir - Advanced Mixed	10 credits

MUSIC APPRECIATION, THEORY AND TECHNOLOGY

Music Appreciation and Literature	5 credits
Music Theory I	5 credits
Music Theory II	5 credits
Music Theory III	5 credits
AP Music Theory IV	5 credits
Music Through Technology I	5 credits
Music Through Technology II	5 credits
Music Through Technology III	5 credits
Music Theatre/Play Production	5 credits

ACTING

Aspects of Acting	5 credits
Actors Workshop	5 credits

DANCE

Contemporary Dance I	5 credits
Contemporary Dance II	5 credits

INSTRUMENTAL MUSIC

752 - CONCERT BAND

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

Grades 9-10-11-12

10 CREDITS

Concert Band focuses on understanding the basic concepts of music theory that will be used in advanced high school music courses and meets the needs of students who have not yet mastered the skills necessary for Symphonic Band. Playing with mature tone and intonation are stressed, along with the concept of rhythmic subdivision and the ability to follow a conductor's beat. Enrollment is limited to: flute, clarinet, oboe, bassoon, saxophone, trumpet/cornet, French horn, baritone, trombone, tuba and percussion. 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.

754 - SYMPHONIC BAND

Requirement: Audition required

Grades 9-10-11-12

10 CREDITS

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. 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.

757 - CONCERT ORCHESTRA

Prerequisite: Previous training
Requirement: Approval of instructor

Grades 9-10-11-12

10 CREDITS

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. Students who participate in Full Orchestra rehearsals regularly may receive 5 hours of Independent Study credit. 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

Grades 9-10-11-12

10 CREDITS

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. Students who participate in Full Orchestra rehearsals regularly may receive 5 hours of Independent Study credit. Some uniform fees/costs will be requested. Scholarship funds may be provided to qualified applicants to help defray this expense.

PERFORMING ARTS (continued)

755 - JAZZ LAB

Requirement: Audition/Approval of instructor

or

5 Credits with prior approval of department chair*

Grades 9-10-11-12

10 CREDITS

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.

* *Permission to enroll for 5 credits (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**

Grades 9-10-11-12

10 CREDITS

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. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include fall Spaghetti dinner, Cabaret concert, Fall Follies, Holiday concerts, MSVMA festivals, Spring concert, 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. Scholarship funds may be provided to qualified applicants to help defray this expense.

767 - CHOIR - BEGINNING - TENOR AND BASS**

Grades 9-10-11-12

10 CREDITS

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. Students will be required to attend scheduled rehearsals and performances during the school year. (Typical performances may include fall Spaghetti dinner, Cabaret concert, Fall Follies, Holiday concerts, MSVMA festivals, Spring concert, 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. Scholarship funds may be provided to qualified applicants to help defray this expense.

**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.

PERFORMING ARTS (continued)

768 - CHOIR - INTERMEDIATE MIXED

Requirement: Audition

Grades 10-11-12

10 CREDITS

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, vocal jazz 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 fall Spaghetti dinner, Cabaret concert, 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 and 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.

769 - CHOIR – ADVANCED WOMEN’S

Requirement: Audition

Grades 10-11-12

10 CREDITS

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, vocal jazz 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 fall Spaghetti dinner, Cabaret concert, Fall Follies, Holiday concerts, MSVMA festivals, Spring concert, 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. Scholarship funds may be provided to qualified applicants to help defray this expense.

770 - CHOIR - ADVANCED MIXED

Requirement: Audition

Grades 11-12

10 CREDITS

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, vocal jazz 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 fall Spaghetti dinner, Cabaret concert, Fall Follies, Holiday concerts, MSVMA festivals, Spring concert, June Broadway 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 APPRECIATION, THEORY AND TECHNOLOGY

771 - MUSIC APPRECIATION & LITERATURE

Grades 9-10-11-12

5 CREDITS

Music Appreciation and Literature is designed to take the students at their present level of musical understanding and expose them to a wider variety of music. The essential purpose of this class is to offer each student the opportunity to experience music in its many forms. Students listen to a wide range of recorded music composed by musical masters and contemporary artists. They also experience live performances such as the Detroit Symphony Orchestra, Michigan Opera Theater, and Fisher Theater Productions.

PERFORMING ARTS (continued)

772 - MUSIC THEORY I

Requirement: Approval of instructor

Grades 9-10-11-12

5 CREDITS

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. Students may learn computer keyboard sequencing and music notation programs.

773 - MUSIC THEORY II

Prerequisite: Music Theory I or passing Level I on the Theory Placement exam.

Grades 9-10-11-12

5 CREDITS

Students will build on the skills acquired in Music Theory I. Students will analyze 16th and 17th century chorales and compose new chorales; will learn transposition, study chords in relationship to scales and keys. Students will sequence in VISION, study ear training using GUIDO and enter a 16 bar two part harmony chorale, in AB form, into FINALE. Students will sight sing using Sol-fege in their own clef and identify all forms of Major and minor scales.

774 - MUSIC THEORY III

Prerequisite: Music Theory II or pass Level II on the Theory Placement exam.

Grades 9-10-11-12

5 CREDITS

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

Grades 9-10-11-12

5 CREDITS

Students prepare to take the advanced placement test in Music Theory with the expectation of receiving college credit. Students analyze all chords in root position, plus all inversions - including 7th and pivot chords - and harmonize and compose using these chords. Students will enter a 24 bar original four-part harmony chorale - ABA form - into FINALE. Advanced ear training study will include identifying all chords and intervals.

776 - MUSIC THROUGH TECHNOLOGY I

Grades 9-10-11-12

5 CREDITS

Music Through Technology is designed to teach the basics of Musical Instrument Digital Interface (M.I.D.I.), including sequencing 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.

777 - MUSIC THROUGH TECHNOLOGY II

Prerequisite: Music Through Technology I

Grades 10-11-12

5 CREDITS

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

Grades 11-12

5 CREDITS

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.

PERFORMING ARTS (continued)

780 - MUSIC THEATRE/PLAY PRODUCTION

5 CREDITS

Grades 9-10-11-12

(10 credits for 2 consecutive semesters)

This course provides students with a working knowledge of the theatre and is designed for those who wish to study theatre from a production or directorial point of view. Through reading, research, and communication, students will study theatre/music theatre history. In addition, students will develop skills in set design & building, lighting design, sound design, publicity, costuming and stage managing, as well as an understanding of acting and music singing techniques. Participants in the class will attend various local and school productions and assist with productions within the school district. Students will be required to assist with district productions after school and evenings during the semester. This assistance could include painting, building sets, or working with lighting, costumes, and props.

ACTING

786 - ASPECTS OF ACTING

Grades 9-10-11-12

5 CREDITS

This course is designed to discover and expand performance skills at all levels; no acting experience is necessary. Script and character analysis, along with the study of acting technique, are used to enhance talent. Special emphasis is placed on movement, gesture, voice, and diction. In-class exercises and discussion, theatre games, and attendance at professional or local productions are used to achieve these goals. Scenes will be performed in class with the ultimate goal of performing for assemblies, special events, and possibly in one of the major school productions.

787 - ACTORS WORKSHOP

Requirement: Successful completion of Acting I
or
Teacher recommendation

Grades 10-11-12

5 CREDITS

This course is designed for the serious acting student, and is open to those who successfully complete Acting I and/or show sufficient promise or talent through audition with the instructor. It will provide an in-depth study into the craft of acting, play script analysis, and performance techniques designed to enhance both your talents and your understanding of the demanding work of today's professional actor. Students prepare a variety of scenes and monologues, experiment with directing and design techniques, attend local performances, and are encouraged to participate in school productions.

DANCE

788 - CONTEMPORARY DANCE I

Grades 9-10-11-12

5 CREDITS

This course is designed for students with little or no dance experience. Students learn dance techniques of classical ballet, jazz and tap while emphasizing dance history and the choreographers whose work is relevant to today's performances. They will attend a dance performance as well as discuss dance and its relationship to other fine and performing arts. This course culminates in a stage and/or studio dance concert.

789 - CONTEMPORARY DANCE II

Prerequisite: Contemporary Dance I
Requirement: Teacher recommendation

Grades 9-10-11-12

5 CREDITS

This class is designed for students who already possess a basis in ballet, jazz or tap and have demonstrated their skill/proficiency by auditioning for the instructor. It is a continuation and refinement of the knowledge and skills learned in Contemporary Dance I while developing student choreography and may collaborate with the high school musical or other performances. This course culminates in a stage and/or studio dance concert.

PHYSICAL EDUCATION

Physical Education

(10 Credits) Grade 9

Second year of physical education:

- Individual Sports & Lifetime Activities (5 Credits)
 - Lifeguard Training And CPR Certification (5 Credits)
 - Officiating (5 Credits)
 - Personal Fitness (5 Credits)
 - Team Sports (5 Credits)
 - Weight/Strength Training (5 Credits)
 - Developmental Learning (10 Credits) North
- Program Physical Education

901 - PHYSICAL EDUCATION

Required Course

Grade 9

10 CREDITS

Students work toward the development of strength, speed, endurance, and physical skills. They are required to participate in one aquatic unit of swimming. The remaining units are: track, softball, volleyball, tennis, pickleball, speed football, badminton, basketball, and an introduction to strength training. These offerings give students opportunities to participate in team sports, individual sports, and aquatics. Central to the purpose of the course is the development of awareness of physical fitness, sportsmanship, and good sports attitudes. Throughout each unit, students have an opportunity to compete based on their skill level. Appropriate health topics are integrated into the subject matter throughout the year, including CPR certification. Students also study fitness concepts; i.e. benefits of exercise, strength development, cardiovascular endurance, proper body weight and body composition, and stress management.

SECOND YEAR OF PHYSICAL EDUCATION: Students choose two of the following six courses:

904 - INDIVIDUAL SPORTS AND LIFETIME ACTIVITIES

5 CREDITS

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.

Units: Racquet Sports, Golf, Aerobics, Swimming, Track and Field, Weight Training and Fitness.

907 - PERSONAL FITNESS

5 CREDITS

The class is designed to emulate a health club atmosphere. Participation will include 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

5 CREDITS

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.

Units: Flag Football, Soccer, Softball, Basketball, Volleyball.

PHYSICAL EDUCATION (continued)

906 - OFFICIATING

5 CREDITS

This course is designed for those students interested in seeking future employment as an Official. There are many opportunities within our own community: Neighborhood Club, Youth Sports clinics. Students will gain knowledge of the rules and its proper application as it relates to the following sports: Basketball, Soccer, Softball and Volleyball. Students who satisfy the MHSAA requirements (18 years old) and successfully complete this course will receive certification. Students may also choose to seek additional certification in the areas of Ice Hockey, Field Hockey and Lacrosse.

909 - WEIGHT/STRENGTH TRAINING AND CONDITIONING

5 CREDITS

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.

905 - LIFE GUARD TRAINING AND CPR CERTIFICATION

5 CREDITS

Requirement: Student must be 15 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 curriculum and, for students who wish to pay the fee, will provide Red Cross certification for Life Guarding, CPR/Professional Rescuer, First Aid and Waterfront Life Guarding. Students will take a written as well as practical test on Life Guarding, Cardiopulmonary Resuscitation, and First Aid. Written parental permission is required for this class.

988 - DEVELOPMENTAL LEARNING PROGRAM - PHYSICAL EDUCATION

NORTH

Requirement: Prior approval of the department chair

Grades 9-10-11-12

10 CREDITS

Prior approval of the instructor is required.

SCIENCE

REQUIREMENTS: Students are required to complete 20 credits in science.
Grade 9 students must take a science course.
The required 20 credits must include:
10 credits in a foundational biological science and
10 credits in a foundational physical science.

RECOMMENDED: Students who plan a four-year college experience should take at least 10 more credits in foundational science courses.

Foundational Biological Science Courses

Honors Biology
Biology

Foundational Physical Science Courses

Earth Science
Honors Earth Science
Honors Chemistry
Chemistry
Honors Physics
Physics

Elective Biological Science Courses

AP Biology
Environmental Science
AP Environmental Science
Physiology
Microbiology

Elective Physical Science Courses

AP Chemistry
AP Physics
Environmental Science
AP Environmental Science
Geology
Astronomy (Taught in the Planetarium at North –
offered for both high schools)
Astronomy II

FOUNDATIONAL COURSES

407 - EARTH SCIENCE

Grade 9

10 CREDITS

Students will gain an understanding of the natural world around them. The four main fields of study will be astronomy, geology, meteorology and oceanography. Questions such as the origin of the universe, what causes our daily weather, how the oceans affect Grosse Pointe and how the earth's surface is always changing, are a few topics that will be discussed. All of the Michigan earth science state benchmarks will be addressed. Earth science will focus on hands-on activities. A study of the earth's systems is considered a core science and is important in future science courses.

408 - HONORS EARTH SCIENCE

Requirement Algebra I or Geometry

Grade 9

10 CREDITS

Honors earth science is a highly challenging course designed for students who will continue in honors science classes for four years. The content will focus on geology, astronomy, meteorology and oceanography. Students will focus on using mathematic skills involved in problem solving. The scientific method will be used to deduce conclusions. A study of the earth's systems is considered a core science and is important in future science courses.

405 - BIOLOGY

Students may receive credit for 1 Biology 404/405/406

Grades 10-11-12 (primarily 10th)

10 CREDITS

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.

404 - HONORS BIOLOGY

Recommendation for 9th grade enrollment to concurrently take Honors Accelerated Geometry
Students may receive credit for 1 Biology 404/405/406
Recommendation for 10th grade:
Geometry C.P. or higher math

Grades 9-10 (primarily 10th)

10 CREDITS

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.

FOUNDATIONAL COURSES (continued)

412 - CHEMISTRY

Prerequisite: C in Algebra I College Preparatory
Students may receive credit for one chemistry: 411 or 412
Recommended: Enrollment in Algebra II

Grades 11-12

10 CREDITS

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, 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).

411 - HONORS CHEMISTRY

Prerequisite: B in Algebra I College Preparatory
Requirement: Enrollment in Algebra II
or
Honors Algebra II
Students may receive credit for one chemistry: 411 or 412

Grades 10-11-12 (primarily 11th)

10 CREDITS

The Honors Chemistry course is designed for college-bound students aiming for later advanced college experiences in science. The 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.

422 - PHYSICS

Prerequisite: Algebra I and II, Geometry
Students may receive credit for one physics class: 421 or 422

Grades 11-12

10 CREDITS

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.

421 - HONORS PHYSICS

Prerequisite: Algebra I and II, Geometry,
and Advanced Mathematics
(PreCalculus also preferred)
Students may receive credit for one physics class: 421 or 422

Grades 11-12

10 CREDITS

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.

ELECTIVE COURSES - BIOLOGICAL SCIENCE

445 - AP BIOLOGY

Prerequisite: Honors Biology 404 and Honors Chemistry 411
or
Honors Biology and approval of department chair

Grades 11-12

10 CREDITS

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.

ELECTIVE COURSES (continued)

450 - ENVIRONMENTAL SCIENCE

Prerequisite: Biology 405 *or* Honors Biology 404

Grades 10-11-12

10 CREDITS

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

10 CREDITS

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.

491 - PHYSIOLOGY

Prerequisite: Biology

Offered first semester - See Microbiology

Grades 11-12

5 CREDITS

Physiology is a semester course for students wishing to prepare for careers in medical and related fields. This second course in biology is limited to the functions of body systems, organs, tissues, and cells. It is not intended to replace Chemistry or Physics.

492 - MICROBIOLOGY

Prerequisite: Biology

Offered second semester - See Physiology

Grades 11-12

5 CREDITS

Microbiology is for students who wish to prepare for careers in medical and related fields. This is a lab-oriented course covering a variety of the basic techniques of a microbiologist. They may wish to combine this course with Physiology in a one-year sequence. Students who intend to go into demanding medical careers should seriously consider Physics and Chemistry as well as the Physiology and Microbiology courses.

ELECTIVE COURSES - PHYSICAL SCIENCE

413 - AP CHEMISTRY

Prerequisite: C in Honors Chemistry 411

or

department chair approval

Requirement: Concurrent enrollment in Honors Physics

or

Physics

Grade 11 or 12

10 CREDITS

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, e.g. structure is studied from atomic models through applications with coordinator compounds. There is much opportunity for working in the laboratory.

ELECTIVE COURSES (continued)

423 - AP PHYSICS

Prerequisite: Honors Physics
Requirement: Concurrent enrollment in calculus

Grade 12

10 CREDITS

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.

450 - ENVIRONMENTAL SCIENCE

Prerequisite: Biology 405 *or* Honors Biology 404

Grades 10-11-12

10 CREDITS

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

10 CREDITS

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

10 CREDITS

This is a college level course which uses investigative techniques to study the Earth's surface and interior processes. Problems such as: dwindling energy and mineral resources, management of water resources, assessment of natural hazards like volcanoes, earthquakes and landslides, erosion implications and land use planning will be investigated. Field trips will be offered. Emphasis is placed on Michigan geology. Geology offers another choice for the serious science- oriented student.

494 - ASTRONOMY

NORTH

Prerequisite: A year of science
Requirement: Completion of Algebra I

Grades 10-11-12

5 CREDITS

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 - ASTRONOMY II

NORTH

Prerequisite: C in Introduction to Astronomy

Grades 10-11-12

5 CREDITS

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

CORE CURRICULUM OPTIONS

In addition to the options listed below, test-out options and additional acceleration are available. Students must take Civics or U.S. Government; no test-out is possible.

HIGHLY CHALLENGING

Freshman: Civics

World History

Sophomore: AP United States History

World History

Junior: AP United States Government

AP United States History

AP Macroeconomics

AP Microeconomics

AP European History

Senior: AP United States Government

AP United States History

AP Macroeconomics

AP Microeconomics

AP European History

TRADITIONAL

Freshmen: Civics

Sophomore: Geography and World Affairs

World History

Junior: United States History, AP courses

Senior: Select from electives including AP Courses

ELECTIVES

American Government

American Legal System

Anthropology

Civics

Consumer Economics

Economics

Psychology

Sociology

AP European History

AP Macroeconomics

AP Microeconomics

AP Psychology

AP U.S. Government and Politics

AP U.S. History

SOCIAL STUDIES

REQUIRED: Thirty or more credits in high school Social Studies which must include one option from each of the three groups I, II, III listed below:

GROUP I

Government Courses

(one selection required)

Civics (10)

or American Government (5) **AND** Economics (5)

or AP United States Government and Politics (5)

AND AP Microeconomics (5) **or** AP Macroeconomics (5)

or AP United States Government and Politics (5)

AND Economics (5)

GROUP II

United States History Courses

(one selection required)

United States History (10)

or AP United States History (10 Credits)

GROUP III

Global Education Courses

(one selection required)

Geography and World Affairs (10)

or World History (10)

ELECTIVES

AP United States Government and Politics (5)

AP European History (10)

AP Macroeconomics (5)

AP Microeconomics (5)

AP Psychology (5)

American Government (5)

American Legal System (5)

Anthropology (5)

Consumer Economics (5)

Economics (5)

Psychology (5)

Sociology (5)

GROUP I COURSE

501 - CIVICS

Grades 9-10

10 CREDITS

Through the study of problems and issues confronting government, and an introduction to the fundamentals of economics, Civics promotes an awareness of the citizen's role in a democratic society. Students study the nature of government, the foundations of American government, political processes, Congress, the Presidency, Federal courts, State and local government, and economics. Civics also provides an excellent foundation for other social studies courses.

GROUP II COURSES

511 - UNITED STATES HISTORY

Grades 10-11-12

10 CREDITS

1ST Semester – Beginning with the period of Reconstruction (1866), students will examine and analyze the history of the United States from the mid-nineteenth century to its present role as a world power through a study of our politics, culture, economy, and foreign policy.

2nd Semester - The course will encompass a series of units that focus on major themes, issues, and concepts of the American experience. Possible examples might include:

- a. The transition of America from an agrarian to a commercial and industrial society.
- b. The struggle to achieve the rights of the individual in America.
- c. The social and cultural evolution of American Society.

Students will develop numerous thinking, writing, and communications skills including, but not limited to, using primary sources and analyzing a variety of written selections.

512 - AP UNITED STATES HISTORY

Grades 10-11-12 (primarily 11th)

10 CREDITS

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. They learn to read historical material analytically and critically, to evaluate historical evidence and interpretations, and to form conclusions on the basis of informed judgment. Students use college-level history books supplemented with monographs and original sources. In effect, they learn on a college level. Students take the U.S. History A. P. test with the expectation of receiving college credit.

GROUP III COURSES

503 - GEOGRAPHY AND WORLD AFFAIRS

Grades 9-10-11-12 (primarily 10th)

10 CREDITS

This course explores the relationship of humans to the environment. Physical geography is used as the foundation for exploration of various regions of the world. Present political, economic, and social conditions are studied as well as the historical background of the regions.

572 - WORLD HISTORY

Grades 9-10-11-12 (primarily 10th)

10 CREDITS

This course enables students to examine issues and trends in major areas of world civilization beginning with the emergence of human societies and extending until the present day. Emphasis is on a global perspective with attention given to non-Western as well as to Western cultures. The course will incorporate the 5 Themes of Geography (location, place, movement, environmental interactions and region) and their impact on world history. 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 develop conclusions of their own.

ELECTIVE COURSES

522 - AP UNITED STATES GOVERNMENT AND POLITICS

Comment: Meets part of the graduation requirement for students who have not completed Civics.

Grades 11-12

5 CREDITS

The A.P. 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.

504 - AP EUROPEAN HISTORY

(It is helpful for students to complete AP United States History in Grade 11.)

Grades 11-12

10 CREDITS

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.

526 - AP MICROECONOMICS

Comment: Meets part of the graduation requirement in Social Studies for those who have not completed Civics.

Grades 11-12

5 CREDITS

A.P. 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.

SOCIAL STUDIES (continued)

527 - AP MACROECONOMICS

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

Comment: Meets part of the graduation requirement in Social Studies for those who have not completed Civics.

Grades 11-12

5 CREDITS

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.

521 - AMERICAN GOVERNMENT

Comment: Meets part of the graduation requirement for students who have not completed Civics.

Grades 11-12

5 CREDITS

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.

536 - AMERICAN LEGAL SYSTEM

Grades 11-12

5 CREDITS

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.

576 - ANTHROPOLOGY

Grades 10-11-12

5 CREDITS

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.

524 - CONSUMER ECONOMICS

Comment: Meets part of the graduation requirement for those who have not completed Civics.

Grades 10-11-12

5 CREDITS

This course is intended for students interested in a practical understanding of economics. It focuses on consumer education and the kind of problems students face as they enter the world of work and accept the responsibility of a full-time job. Every effort is made to introduce principles of economics and theoretical aspects in a practical context. Typical units include fundamentals of the free enterprise system, knowledge and skills in purchasing, financial and credit services, budgeting, insurance, contract law, housing. It helps students be better informed about earning, saving and spending.

SOCIAL STUDIES (continued)

523 - ECONOMICS

Comment: Meets part of the graduation requirement for those who have not completed Civics.

Grades 11-12

5 CREDITS

Economics examines the principles and problems of the free enterprise system. It gives students an understanding of the American economy: what it is, how it developed, and how it works. Students study patterns of production, exchange, distribution, and consumption in the American economy. They examine the price system, principles of money and banking, and theories and practices of credit and marketing. Other topics include information and mechanization in industry and agriculture, big business and labor, foreign trade, investment, taxation, and other economic systems. The national income is analyzed.

571 - PSYCHOLOGY

Grades 11-12

5 CREDITS

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.

570 - AP PSYCHOLOGY

Grades 11-12

5 CREDITS

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.

525 - SOCIOLOGY

Grades 10-11-12

5 CREDITS

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.

TECHNOLOGY EDUCATION

PERSONAL/INDUSTRIAL

Architecture I

Architecture II

Architecture III

Automotive Technology (NORTH)

Construction Technology (SOUTH)

Engineering Graphics I

Engineering Graphics II

Engineering Graphics III

Engineering Graphics IV

Introduction to Basic Car Care (NORTH)

Small Engine Repair (SOUTH)

Survey of Engineering Graphics

CAREER

Automotive, Vocational (NORTH)

Computer Aided Drafting (CAD) Engineering

Technology Applications

Trade and Industry Co-op

852 - SMALL ENGINE REPAIR

SOUTH

Grades 9-10-11-12

5 CREDITS

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. Students are encouraged, but not required, to bring in their own engines for disassembly, repair, and reassembly.

859 - TECHNOLOGY APPLICATIONS

Grades 9-10

5 CREDITS

This course introduces students to new technologies. Students are involved in class projects using computer applications. Projects are designed to teach students how to solve technology related problems through practical, hands-on activities.

TECHNOLOGY EDUCATION (continued)

860 - ENGINEERING GRAPHICS, SURVEY OF

Grades 9-10-11-12

5 CREDITS

Survey of Engineering Graphics is a semester course which offers a brief introduction to the world of design. The class will cover the basics of mechanical and architectural drafting. Students will learn to express design ideas using the universal language of lines, symbols and numbers. Students will use traditional drawing methods as well as powerful CAD (Computer Aided Design) systems.

861 - ENGINEERING GRAPHICS I

(Not for those who have completed 860)

Grades 9-10-11-12

10 CREDITS

Engineering Graphics I is designed for students whose career interest may include design, engineering and manufacturing. Students will study the design process using a universal graphics language. Instruction will include use of drawing instruments, geometric construction, multiview projection, pictorial drawing, and architectural design. Over 70% of the time will be spent using CADKEY 3D solids modeling software.

862 - ENGINEERING GRAPHICS II

Prerequisite: Engineering Graphics I or Survey of Engineering Graphics

Grades 10-11-12

10 CREDITS

Engineering Graphics II is an advanced course in graphics communications. 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. CADKEY 3D Solids Modeling software will be the basic tool for the class. This class will provide preparation for future engineering studies.

864 - CAD ENGINEERING

Requirement: Course is not for students who have or will be taking 860, 861, or 862

Grades 11-12

5 CREDITS

Computer-Aided-Drafting (CAD) is available for students who have a career interest in engineering or technical drafting and design. The CAD classroom will be used to teach basic drafting principles using CADKEY 3D Solids Modeling software. Architectural CAD will be covered briefly as students design kitchens and houses using ChiefArchitect. The class assumes no prior knowledge of drafting or computer graphics.

865 - ENGINEERING GRAPHICS III

Prerequisite:
Engineering Graphics I *or* Survey of Engineering Graphics

866 - ENGINEERING GRAPHICS IV

Grades 10-11-12

10 CREDITS

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 CADKEY and Rhino 3D, 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, Surfcam, CNC mill and lathe, and possibly rapid prototyping.

867 - ARCHITECTURE I

869 - ARCHITECTURE II

Prerequisite: Architecture I

880 - ARCHITECTURE III

Prerequisite: Architecture II

Grades 10-11-12

10 CREDITS

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.

TECHNOLOGY EDUCATION (continued)

871 - AUTOMOTIVE TECHNOLOGY

NORTH

Grades 10-11-12

10 CREDITS

Automotive Technology is designed to familiarize students with the various components of the automobile from a consumer's point of view. They study operation, maintenance and diagnostic procedures. Students gain hands-on experience by using a variety of service equipment. Students can provide automobiles for application of techniques required to diagnose and repair malfunctions.

872 - AUTOMOTIVES, VOCATIONAL

NORTH

Prerequisite: Automotive Technology

Requirement: Approval of department chair

THIS COURSE IS TAUGHT IN A 2 HOUR BLOCK.

Grades 11-12

20 CREDITS

This course is for students with a career goal in auto mechanics. Knowledge and skill developed in Automotive Technology are enhanced with more complex problem-solving and skill development. The program provides specialized training in the use of service information, diagnostic procedures, tools, and equipment. Students develop independence through successful problem-solving and learn the basic concepts and the complex techniques needed for employment in this field. Students can provide vehicles for application of techniques required to diagnose and repair malfunctions. This course is coordinated with Trade and Industry Co-op, in which enrollment is recommended.

875 - CONSTRUCTION TECHNOLOGY

SOUTH

Grades 10-11-12

10 CREDITS

Construction Technology is a practical, hands-on class which introduces students to some of the tools, materials and techniques used in the residential building industry. Using lectures, demonstrations, videos, job-site visits, and presentations by experienced tradesmen, students are given a good foundation of knowledge. After each new topic is introduced, students will apply their understanding in the lab. Student teams will build a structure which incorporates the following skills: layout and measurement, block and brick laying, floor framing, wall framing, door and window installation, roof framing, siding and shingling, wiring, plumbing, insulating, dry walling, finish trimming, and stair-building. In all areas, safe and proper tool use is stressed. Anyone who plans on owning a house someday will benefit from things learned in class. In addition, local building companies have been eager to hire students who have good carpentry skills and who have been recommended by the instructor. This course is coordinated with Trade and Industry Co-op, in which enrollment is recommended.

873 - INTRODUCTION TO BASIC CAR CARE

NORTH

Course is not for students who have completed 871 Auto Tech.

Grades 10-11-12

5 CREDITS

Basic Car Care is a course for any student who would like to learn about basic automotive maintenance without the in-depth technical information associated with the Automotives class. Many hands-on experiences are used in such areas as cleaning, waxing, fluid level inspections, and emergency road service procedures. All areas covered will pertain to what can be done with your car on your driveway or in an emergency situation.

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: Automotive Technology, Construction Technology, Engineering Graphics, Small Engine Repair, Survey of Engineering Graphics, Computer Aided Drafting or Technology Applications.

Grade 12

10 CREDITS

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.

TELEVISION PRODUCTION

Television Production I	5 credits
Television Production II	5 credits
Television Production III	5 credits
Television Production IV	5 credits
Television Production V	5 credits
Television Production VI	5 credits

793 - TELEVISION PRODUCTION I

Grades 9-10-11-12

5 CREDITS

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. Networking with local community resources and experts is encouraged.

794 - TELEVISION PRODUCTION II

Prerequisite: Television Production I

Grades 9-10-11-12

5 CREDITS

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. Post-production editing is taught as well as all other production components, i.e. 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

Grades 10-11-12 *With permission of instructor

5 CREDITS

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

Grades 10-11-12 *With permission of instructor

5 CREDITS

Television Production IV, V and VI is 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 (students have the opportunity to participate on many shoots using mobile equipment and video announcements). Advanced students also learn the complex operations of running the school cable television station.



COMMUNITY SCHOOL

Grosse Pointe Community School is one of the educational options for high school students from either Grosse Pointe South or Grosse Pointe North High Schools. Community School offers the student a program within a small school setting which is tailored to the non-traditional learner. By providing affective and personal support to students, Community School allows an opportunity for students to make specific and positive changes in their lives. Classes are hands-on and project-based. In addition, there are ample opportunities for students to work in small groups and to share their learning with one another. Community internships are available. Given the small size of community school, some courses may not have sufficient enrollment and may have to be cancelled.

101	Freshman English	10 Credits
104	Classics Of World Literature	10 Credits
112	Explorations In Reading	5 Credits
115	Mythology	5 Credits
116	Speech	5 Credits
117	Film Literature	5 Credits
122	Expository Writing	5 Credits
123	Creative Writing	5 Credits
162	American Literature And Composition	10 Credits
301	Basic Algebra	10 Credits
303	Basic Geometry	10 Credits
306	Algebra I UP	10 Credits
307	Algebra I College Preparatory	10 Credits
316	Geometry College Preparatory	10 Credits
322	Algebra II	10 Credits
407	Earth Science	10 Credits
450	Environmental Science	10 Credits
501	Civics	10 Credits
503	Geography And World Affairs	10 Credits
511	United States History	10 Credits
524	Consumer Economics	5 Credits
525	Sociology	5 Credits
612	Information Processing I	5 Credits
613	Information Processing II	5 Credits
629	Sports And Entertainment Marketing	5 Credits
701	Concepts And Materials In Art	10 Credits
737	Photography I	10 Credits
738	Photography II	10 Credits
786	Aspects of Acting	5 Credits
787	Actors Workshop	5 Credits
827	Effective Living	5 Credits
901	Physical Education	10 Credits
904	Individual Sports And Lifetime Activities	5 Credits
907	Personal Fitness	5 Credits
909	Strength Training And Conditioning	5 Credits
920	Health Education	5 Credits
930	Community Internship	5 Credits

SPECIAL PROGRAMS

**STUDENT CENTER
CLASS TUTORIALS
ENGLISH AS A SECOND LANGUAGE
INDEPENDENT STUDY
LIBRARY SERVICES I, II
CAREERS AND TECHNICAL PROGRAMS THROUGH OTHER AGENCIES**

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

Grades 9-10-11-12

5 CREDITS

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 five credits.

051 - LIBRARY SERVICES I

Requirement: Approval of the library media specialist

Grades 10-11-12

5 CREDITS

This course is designed for students interested in acquiring entry level skills in library work. Students become familiar with basic library organization, established shelving rules, online reference sources, and the computer catalog. Library service students will assist other students and staff with library requests. Library service students will be trained to circulate materials using the computer system operated by the schools and the Grosse Pointe Public Library.

052 - LIBRARY SERVICES II

Requirement: Successful completion Library Services I
and
approval of the library media specialist

Grades 10-11-12

5 CREDITS

This course is designed for students interested in acquiring advanced level skills in library work. Students will continue to assist in the computerized circulation of materials and help other students and staff with library requests. In addition, they will work under the close supervision of the librarian on special projects involving library organization, collection management, audiovisual service and computer maintenance. Basic computer skills are desirable.

Independent Study

934 - INDEPENDENT STUDY - FIRST SEMESTER

5 CREDITS

935 - INDEPENDENT STUDY - SECOND SEMESTER

5 CREDITS

Requirement: Teacher permission
Counselor support
Committee or principal's designee approval

Grades 9-10-11-12

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.

961 - CLASS TUTORIAL – FIRST SEMESTER

962 - CLASS TUTORIAL – SECOND SEMESTER

Grades 9-10-11-12

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.

973 - ENGLISH AS A SECOND LANGUAGE

Requirement: Teacher approval

Grades 9-10-11-12

10 CREDITS

This course is designed for students who have limited English proficiency. English listening, speaking, reading and writing skills are developed. Up to 4 years (40 credits) of ESL may be taken. Ten credits of an ESL class may serve as a substitute for Freshman English. Other ESL 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.

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
◆ Agriscience (Horticulture/Floriculture)	◆ Academy of Finance	◆ Advanced Kitchen
◆ Automotive Body Repair	◆ Academy of Information Technology (AOIT)	◆ Baking and Pastry Arts
◆ Automotive Technology	◆ Academy of Travel and Tourism	◆ Beginning Kitchen
◆ Biomedical Engineering Technology	◆ Call Center	◆ Beginning Dining Room
◆ Computer-Aided Drafting	◆ Computer Graphics/Publishing Technology (COMPUTEC)	◆ Garde Manger
◆ Electronics/Communications		◆ Gourmet Dining Room
◆ Law Enforcement		◆ Gourmet Kitchen
◆ Machine Shop		◆ Meat Cutting and Charcuterie
◆ Mass Communications		◆ Pantry
◆ Welding and Cutting		◆ Short-Order Cooking

For these programs, students must provide their own transportation.

Enrollment is limited. Please contact your counselor or the Grosse Pointe 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
Auto Mechanics	Lakeview, South Lake, East Detroit
Accounting and Computing	Harper Woods
Building Trades	Roseville
Business Management Technology	Lake Shore
Cisco Computer Networking	South Lake
Cosmetology	Virginia Farrell
Dental Occupations	Lake Shore
Drafting/CAD	Harper Woods
Drafting & Design	Lake Shore, Roseville
Health Occupations	East Detroit, Lake Shore
Hospitality Services	East Detroit
Hospitality Services	South Lake
Hospitality Services	Roseville
Marketing I/II	East Detroit, South Lake, Lake Shore
Manufacturing Technology / Machine Trades,	East Detroit, Roseville
Retail Merchandising	Lake Shore
Trade and Industry Electronics	Lakeview
Trade and Industry Graphic Arts	South Lake

SOUTHWEST MACOMB CONSORTIUM CLASSES ARE AS FOLLOWS:

Course	Location
Accounting & Computer Training	Centerline, Van Dyke, Warren Woods
Allied Health Technology	Warren Woods
Automotive Technology	Fitzgerald High School, Van Dyke
Building Construction Technology	Fitzgerald High School, Van Dyke
Building Maintenance	Fitzgerald High School
Building Trades	Van Dyke
Cosmetology	Warren Woods
Drafting/CAD	Centerline, Van Dyke
Electronics	Warren Woods
Foods/Hospitality	Warren Woods, Van Dyke
Landscape/Floral Design	Warren Woods
Manufacturing Technology	Centerline, Van Dyke
Nail Technician	Warren Woods
Small Engine Vehicle Repair	Centerline
Visual Imaging/Graphics	Centerline

For these 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. A Career Technical Education - Program Offerings book is available upon request.

INDEX 2005-2006 GROSSE POINTE HIGH SCHOOLS PROGRAM OF STUDIES

P..Prerequisite for enrollment

R..Requirement for enrollment

ART			CR	GRADES
	700	SRVY ART HIST 05	5	9 - 12
	701	CONC & MAT 10	10	9 - 12
P	705	CERAMICS I 05	5	9 - 12
P	706	CERAMICS II 05	5	9 - 12
P	707	CERAMICS III 05	5	9 - 12
P	708	CERAMICS IV 05	5	9 - 12
P	709	CERAMICS V 05	5	9 - 12
P	710	CERAMICS VI 05	5	9 - 12
P	711	DRAW & PTG I 10	10	9 - 12
P	712	DRAW & PTG II 10	10	9 - 12
P	713	DRAW & PTG III 10	10	9 - 12
P	714	DRAW & PTG IV 10	10	9 - 12
P	715	COMP GRAPH I 05	5	9 - 12
P	716	COMP GRAPH II 05	5	10 - 12
P	717	COMP GRAPH III 05	5	10 - 12
P	718	COMP GRAPH IV 05	5	10 - 12
P	720	COM DESIGN I 10	10	9 - 12
P	721	COM DESIGN II 10	10	9 - 12
P	722	COM DESIGN III 10	10	9 - 12
P	729	DSGN W/FIBERS I 05	5	9 - 12
P	730	DSGN W/FIBERS II 05	5	9 - 12
P	733	DSGN W/METALS I 05	5	9 - 12
P	734	DSGN W/METALS II 05	5	9 - 12
P	735	DSGN W/METALS III 05	5	9 - 12
P	736	DSGN W/METALS IV 05	5	9 - 12
R	737	PHOTO I 10 (35 mm camera)	10	10 - 12
P	738	PHOTO II 10	10	10 - 12
P	739	PHOTO III 10	10	10 - 12
P	740	FIG DRAW I 05	5	9 - 12
P	741	FIG DRAW II 05	5	9 - 12
P	742	FIG DRW III 05	5	9 - 12
P	743	FIG DRW IV 05	5	9 - 12
P	749	DSGN W/SCUPL I 05	5	9 - 12
P	750	DSGN W/SCUPL II 05	5	9 - 12
P	756	DSGN W/SCUPL III 05	5	9 - 12
P	758	DSGN W/SCUPL IV 05	5	9 - 12

BUSINESS EDUCATION			CR	GRADES
	607	ACCTNG I 05	5	10 - 12
P	608	ACCTNG II 05	5	10 - 12
P	609	ACCTNG III 05	5	11 - 12
P	610	ACCTNG IV 05	5	11 - 12
	620	BUS ADMIN 10	5	11 - 12
P	614	BUS COOP 10	10	12
	615	MARKETING I 05	5	9 - 12
R	616	MARKTNG II 05	5	9 - 12
R	627	MARKETING III 05	5	10 - 12
	628	ADVERTISING 05	5	10 - 12
	629	SPORTS&ENT MKTG 05	5	10 - 12
	626	MKTG COOP 10	10	12
	619	BUS LAW 05	5	10 - 12
	600	BUS EXPL 05	5	9 - 10
	601	SMALL BUS 05	5	10 - 12
	612	INFO PROC I 05	5	9 - 12
P	613	INFO PROC II 05	5	9 - 12
	617	KEY& INFO PROC 05	5	9 - 10
P	618	ADV INFO PROC 05	5	10 - 12

ENGLISH			CR	GRADES
R	162	AM LIT & COMP 10	10	10 - 12
	163	AM LIT HNR 10	10	10 - 12
	197	AP ENG LANG & COMP 10	10	11 - 12
R	145	AP ENG LIT & COMP 10	10	11 - 12
	164	BRIT LIT & COMP 10	10	10 - 12
	104	CLASSICS WLD LIT 10	10	11 - 12
	123	CR WRTG 05	5	9 - 12
R	124	ADV CR WRTG 05	5	10 - 12
	175	DEBATE 05	5	9 - 12
R	176	ADV DEBATE I 05	5	10 - 12
R	177	ADV DEBATE II 05	5	10 - 12
	112	EXPL IN RDG 05	5	10 - 12
	122	EXPOS WRTG 05	5	10 - 12
	117	FILM LIT 05	5	10 - 12
	101	FRESH ENGLISH 10	10	9
	103	FRESH ENG HON 10	10	9

ENGLISH (CONTINUED)			CR	GRADES
	106	JOURNALISM 10	10	9 - 12
PR	107	ADV JRL I 10	10	10 - 12
PR	108	ADV JRL II 10	10	10 - 12
PR	109	ADV JRL III 10	10	10 - 12
	115	MYTHOLOGY 05	5	10 - 12
R	111	READ WRKSP 05	5	10 - 11
	118	SHAKESPEARE 05	5	11 - 12
	116	SPEECH I 05	5	10 - 12
	105	LIT/CULTURE & HUM 10	10	11 - 12

INTER-DEPARTMENTAL			CR	GRADES
	950	CAREER DECISIONS 05	5	11 - 12
	172	YEARBOOK PROD (NORTH)	10	9 - 12

LIFESKILLS & HEALTH ED			CR	GRADES
	800	FOOD FOR FIT 05	5	9 - 12
P	805	FOOD FOR FIT II 05	5	10 - 12
	801	FASH & FAB I 05	5	9 - 12
P	802	FASH & FAB II 05	5	9 - 12
P	803	FASH & FAB III 05	5	9 - 12
P	804	FASH & FAB IV 05	5	9 - 12
	811	COM'L FDS I 10	10	10 - 12
	812	COM'L FDS I 20	20	10 - 12
P	813	COM'L FDS II 10	10	11 - 12
P	814	COM'L FDS CO-OP 10	10	12
P	815	ART OF PASTRY AND DESSERT	5	9 - 12
	824	I/DES/HOUS 05	5	10 - 12
	825	CH DEV PAR 05	5	10 - 12
	826	LIVING ON YOUR OWN 05	5	11 - 12
	827	EFFECTIVE LIVING 05	5	11 - 12
P	831	MED AD AM 10	10	12
P	834	MED AD PM 10	10	12
	837	CHLD CARE 20	20	11 - 12
P	838	CH CR CP AM 10	10	12
P	839	CH CR CP PM 10	10	12
R	920	HEALTH ED FP 05	5	9 - 12

MATHEMATICS			CR	GRADES
ESSENTIALS OF MATHEMATICS SEQUENCE				
R	300	PREALGEBRA 10	10	
PR	301	BASIC ALG 10	10	
P	303	BASIC GEOMETRY 10	10	
P	306	ALG I UP 10	10	
PR	322	ALGEBRA II 10	10	
COLLEGE PREP MATHEMATICS SEQUENCE				
PR	307	ALG 1 CP 10	10	
PR	316	GEOMETRY-COLL PREP 10	10	
PR	322	ALGEBRA II 10	10	
PR	332	ADV MATH 10	10	
PR	334	HON ALG II 10	10	
PR	342	PRECALCULUS 10	10	
PR	345	HONORS PRE-CALC 10	10	
ACCELERATED MATHEMATICS SEQUENCE				
PR	330	HON ACC GEO 10	10	
PR	335	HON ACC ALG II 10	10	
PR	346	HON ACC PRECALC 10	10	
PR	358	AP CALCULUS AB 10	10	
PR	359	AP CALCULUS BC 10	10	

COMPUTER COURSES			CR	GRADES
	371	COMP APP I 05	5	
P	372	COMP APP II 05	5	
P	375	BASIC COMP PROG 05	5	
P	376	ADV PROG I 05	5	
P	377	ADV PROG II 05	5	
P	378	AP ADV PROG III 05	5	

MODERN AND CLASSICAL LANGUAGES			CR	GRADES
	201	FRENCH I 10	10	9 - 12
P	203	FRENCH II 10	10	9 - 12
P	206	FRENCH III 10	10	10 - 12
P	208	FRENCH IV 10	10	11 - 12
P	205	HONORS FRENCH IV 10	10	11 - 12
P	210	FRENCH V 10	10	11 - 12
P	204	FRENCH V AP 10	10	11 - 12

MODERN AND CLASSICAL LANGUAGES (CONT'D)			CR	GRADES
	211	ITALIAN I 10	10	9 - 12
P	212	ITALIAN II 10	10	10 - 12
P	213	ITALIAN III 10	10	11 - 12
P	214	ITALIAN IV 10	10	11 - 12
	216	LATIN I 10	10	9 - 12
P	217	LATIN II 10	10	9 - 12
P	250	LATIN III 10	10	11 - 12
P	251	LATIN IV AP 10	10	12
	221	GERMAN I 10	10	9 - 12
P	222	GERMAN II 10	10	10 - 12
P	225	GERMAN III 10	10	11 - 12
P	227	GERMAN IV 10	10	11 - 12
P	229	GERMAN IV AP 10	10	11 - 12
	231	SPANISH I 10	10	9 - 12
P	232	SPANISH II 10	10	9 - 12
P	233	SPANISH III 10	10	10 - 12
P	234	SPANISH IV 10	10	11 - 12
P	236	SPAN IV HONOR 10	10	11 - 12
P	235	SPANISH V 10	10	11 - 12
P	238	SPAN V AP 10	10	11 - 12

PERFORMING ARTS				
INSTRUMENTAL MUSIC			CR	GRADES
P	752	CONCERT BAND WW 10	10	9 - 12
R	754	SYMPH BAND 10	10	9 - 12
PR	757	CONCERT ORCH 10	10	9 - 12
R	753	SYMPH ORCH 10	10	9 - 12
R	755	JAZZ LAB 10	10	9 - 12
CHORAL MUSIC			CR	GRADES
	766	CHOIR-BEG SPRNO/ALTO 10	10	9 - 12
	767	CHOIR-BEG TENOR & BASS 10	10	9 - 12
R	768	CHOIR-INTERMEDIATE MIXED 10	10	10 - 12
R	769	CHOIR-ADVANCED WOMEN	10	10 - 12
R	770	CHOIR-ADVANCED MIXED	10	11 - 12
MUSIC APPRECIATION, THEORY & TECHNOLOGY			CR	GRADES
	771	MUS APP&LIT 05	5	9 - 12
R	772	MUSIC TH I 05	5	9 - 12
P	773	MUSIC TH II 05	5	9 - 12
P	774	MUSIC TH III 05	5	9 - 12
P	775	MUS TH IV AP 05	5	9 - 12
	776	MUSIC TECH I 05	5	9 - 12
P	777	MUSIC TECH II 05	5	10 - 12
P	779	MUSIC TECH III 05	5	11 - 12
	780	MUS/THTR/PLAY PROD 05	5	9 - 12

ACTING			CR	GRADES
	786	ASPECTS OF ACTING 05	5	9 - 12
R	787	ACTORS WORKSHOP 05	5	10 - 12
DANCE				
	788	CONT DANCE I 05	5	9 - 12
PR	789	CONT DANCE II 05	5	9 - 12

PHYSICAL EDUCATION			CR	GRADES
	901	PHY ED 9 10	10	9 - 12
	904	IND SPORTS & LFTME ACTV	5	9 - 12
R	905	LFGRD TRNG/CPR CERT 05	5	9 - 12
	906	OFFICIATING 05	5	9 - 12
	907	PERSONAL FITNESS 05	5	9 - 12
	908	TEAM SPORTS 05	5	9 - 12
	909	WGHT/STRNGTH TRNG 05	5	9 - 12
R	988	DEV LRNG PE 10 (NORTH)	10	9 - 12

SCIENCE				
FOUNDATIONAL COURSES			CR	GRADES
	407	EARTH SCIENCE 10	10	9 - 12
R	408	HONORS EARTH SCIENCE 1	10	9 - 12
	404	HONOR BIO 10	10	9 - 10
	405	BIOLOGY 10	10	10 - 12
PR	411	HON CHEM 10	10	10 - 12
P	412	CHEMISTRY 10	10	11 - 12
P	421	HON PHYSIC 10	10	11 - 12
P	422	PHYSICS 10	10	11 - 12
ELECTIVE COURSES-BIOLOGICAL SCIENCE			CR	GRADES
P	445	AP BIOLOGY 10	10	11 - 12
P	450	ENVIR SCI 10	10	10 - 12
P	451	AP ENVIR SCI 10	10	11 - 12
P	491	PHYSIOLOGY 05	5	11 - 12
P	492	MICRO BIOL 05	5	11 - 12
ELECTIVE COURSES - PHYSICAL SCIENCE			CR	GRADES
PR	413	AP CHEM 10	10	11 - 12
PR	423	AP PHYSICS 10	10	12
P	450	ENVIR SCI 10	10	10 - 12
P	451	AP ENVIR SCI 10	10	11 - 12
	486	GEOLOGY 10	10	11 - 12
PR	494	ASTRONOMY 05 (NORTH)	5	10 - 12
P	499	ASTRONOMY II 05 (NORTH)	5	10 - 12

SOCIAL STUDIES					
GROUP I - GOV'T STUDIES (1 SELECTION REQUIRED)				CR	GRADES
	501	CIVICS 10		10	9 - 10
	521	AM GOVT 05		5	11 - 12
	522	AP US GOVT & POL 05		5	11 - 12
	523	ECON 05		5	11 - 12
	526	AP MIC ECON 05		5	11 - 12
P	527	AP MA ECO 05		5	11 - 12
GROUP II - U S STUDIES (1 SELECTION REQ)				CR	GRADES
	511	U S HIST 10		10	10 - 12
	512	AP US HIST 10		10	10 - 12
GROUP III - GLOBAL STUDIES (1 SELECTION REQ)				CR	GRADES
	503	GEO & WLD AF 10		10	9 - 12
	572	WORLD HIST 10		10	9 - 12
ELECTIVE COURSES				CR	GRADES
	504	AP EUR HIST 10		10	11 - 12
	521	AM GOVT 05		5	11 - 12
	522	AP US GOVT & POL 05		5	11 - 12
	523	ECON 05		5	11 - 12
	524	CONS ECON 05		5	10 - 12
	525	SOCIOLOGY 05		5	10 - 12
	526	AP MIC ECON 05		5	11 - 12
P	527	AP MA ECO 05		5	11 - 12
	536	AM LEG SYS 05		5	11 - 12
	571	PSYCHOLOGY 05		5	11 - 12
	570	AP PSYCHOLOGY 05		5	11 - 12
	576	ANTHROPOLOGY 05		5	10 - 12

TECHNOLOGY EDUCATION					
				CR	GRADES
	852	SM ENG RP 05		5	9 - 12
	859	TECH APPL 05		5	9 - 10
	860	SURV ENG GR 05		5	9 - 12
	861	ENG GRPH I 10		10	9 - 12
P	862	ENG GRPH II 10		10	10 - 12
P	865	ENG GRAPHICS III		10	10 - 12
P	866	ENG GRAPHICS IV		10	10 - 12
R	864	CAD ENG 05		5	11 - 12
P	867	ARCHITECTURE I 10		10	10 - 12
P	869	ARCHITECTURE II 10		10	10 - 12
P	880	ARCHITECTURE III (PILOT) 10		10	10 - 12
	871	AUTO TECH 10 (N)		10	10 - 12
PR	872	AUTO VOC 20 (N)		20	11 - 12
R	875	CONS TECH 10 (S)		10	10 - 12
	873	BASIC CAR CARE 05 (N)		5	10 - 12
R	876	TRD&IND CP 10		10	12

TELEVISION PRODUCTION				CR	GRADES
	793	TV PROD I 05		5	9 - 12
P	794	TV PROD II 05		5	9 - 12
P	795	TV PROD III 05		5	10 - 12
P	796	TV PROD IV 05		5	10 - 12
P	797	TV PROD V 05		5	10 - 12
P	798	TV PROD VI 05		5	10 - 12

SPECIAL EDUCATION				CR	GRADES
SECONDARY RESOURCE CENTER (SRC)					
R	940	LRN SKILLS 05 S1		5	9 - 12
R	941	LRN SKILLS 05 S2		5	9 - 12

SRC DIRECT TEACHING				CR	GRADES
PR	072	SRC READ WKSHP 05		5	9 - 12
PR	533	SRC LANGUAGE ARTS		10	9 - 12
PR	545	SRC SOC STUDIES		10	9 - 12
PR	943	SRC EXPOS WRTNG 05		5	10 - 12
PR	944	SRC-AM LIT 10		10	10 - 12
PR	945	SRC-CUR LIT 05		5	10 - 12
PR	946	SRC-US HIST 10		10	10 - 12
PR	947	SRC WRLD HIST 10		10	9 - 12
PR	948	SRC-CONS ECON 05		5	9 - 12
PR	949	SRC-WORK SKILLS 05		5	9 - 12
PR	972	SRC ENG 05		5	9 - 12

ADJUSTED LEARNING PROG-NORTH ONLY				CR	GRADES
R	181	ALP ENG 10		10	9 - 12
R	183	ALP SCH ST 05		5	9 - 12
R	184	ALP CONT LVG 05		5	9 - 12
R	186	ALP SOC ST 10		10	9 - 12
R	187	ALP USHIST 10		10	9 - 12
R	188	ALP MATH FUND 05		5	9 - 12
R	189	ALP MATH FUND 10		10	9 - 12
R	190	ALP CIVICS 10		10	9 - 12
R	193	ALP SCIENCE 10		10	9 - 12
R	680	ALP PRE VOC 05		5	9 - 12
R	681	ALP PRE VOC 10		10	9 - 12
R	682	ALP SCHWK 05		5	9 - 12
R	683	ALP/WORKEK 10		10	9 - 12
R	684	ALP COOPWK 10		10	9 - 12
R	686	ALP COMBAS 05		5	9 - 12
R	925	ALP HEALTH 05		5	9 - 12
R	981	ALP INDSTD 05		5	9 - 12
R	982	ALP INDSTD 10		10	9 - 12
R	985	ALP COMPWD 05		5	9 - 12

DEVELOPMENTAL LEARNING COURSES - NORTH ONLY			CR	GRADES
R	630	DLP FN MTH 10	10	9 - 12
R	631	DLP LN ART 10	10	9 - 12
R	633	DLP COOPWK 10	10	9 - 12
R	634	DLP COMMWK 10	10	9 - 12
R	808	DLP COMFD I 05	5	9 - 12
R	988	DLP/ALP PHYSICAL EDUCATION	5	9 - 12
R	989	DLP MUSIC 05	5	9 - 12
R	990	DLP WORK EXP 20	20	9 - 12
R	991	DLP PREVOC 10	10	9 - 12
R	992	DLP INDLIV 10	10	9 - 12
R	993	DLP PERSCR 10	10	9 - 12
R	994	DLP STUDY 10	10	9 - 12
R	995	DLP WORK EXP 10	10	9 - 12

INDEPENDENT LEARNING OPTIONS (ILO) SOUTH			CR	GRADES
	041	ILO RDG CNCPTS 10	10	
	042	ILO MATH CNCPTS 10	10	
	043	ILO STDY SKLS 10	10	
	053	ILO COMM WORK EXP 10	10	
	054	ILO RSRCE ROOM 10	10	
	055	ILO PHYS FITNESS 10	10	
	056	ILO MUSIC CNCPTS 10	10	
	058	ILO MUSIC CNCPTS 05	5	
	059	ILO PHYS FITNESS 05	5	
	060	ILO STUDY SKLS 05	5	
	079	ILO INDEP LVG 10	10	
	085	ILO WORK STUDY 05	5	

ADJUSTED STUDIES PROGRAM			CR	GRADES
R	020	ASP GEOG & WRLD AFF 10	10	9 - 12
R	021	ASP GEN MATH 10	10	9 - 12
R	022	ASP PRE-ALG 10	10	9 - 12
R	023	ASP DEV ALG 10	10	9 - 12
R	024	ASP DEV GEOM 10	10	9 - 12
R	025	ASP LANG LIT & COMP 10	10	9 - 12
R	026	ASP EXPOS WRTNG 05	5	9 - 12
R	027	ASP RDG WKSHP 05	5	9 - 12
R	028	ASP EXPL IN READING 05	5	9 - 12
R	029	ASP CIVICS 10	10	9 - 12
R	030	ASP WRLD HIST 10	10	9 - 12
R	031	ASP EARTH/PHYS SCI 10	10	9 - 12
R	032	ASP BIO LIFE SCI 10	10	9 - 12
R	033	ASP HEALTH 05	5	9 - 12
R	034	ASP COMPUTER APPS 05	5	9 - 12
R	035	ASP STUDY SKILLS 05	5	9 - 12
R	036	ASP EFFECTIVE LIVING 05	5	9 - 12
R	037	ASP MYTHOLOGY 05	5	9 - 12
R	038	ASP VOC EXP 05	5	9 - 12
R	039	ASP COPING SKLS 10	10	9 - 10
R	040	ASP STUDY SKILLS 10	10	9 - 10
R	047	ASP BASIC ALG 10	10	9 - 10
R	066	ASP US HISTORY 10	10	9 - 12
R	987	ASP GEOMETRY 10	10	10 - 12
R	990	ASP CAREER AWARE 5	5	9 - 12

SPECIAL PROGRAMS			CR	GRADES
R	051	LIB SVCS I 05	5	10 - 12
R	052	LIB SVCS II 05	5	10 - 12
R	934	IND STUDY S1 05	5	9 - 12
R	935	IND STUDY S2 05	5	9 - 12
R	954	STUDENT CENTER S1 05	5	9 - 12
R	955	STUDENT CENTER S2 05	5	9 - 12
	961	CLASS TUTORIAL S1	0	9 - 12
	962	CLASS TUTORIAL S2	0	9 - 12
R	973	ENGLISH AS A SEC LANG 10	10	9 - 12

	COMMUNITY SCHOOL	CR	GRADES
101	FRESH ENGLISH 10	10	9 - 12
104	CLASSICS OF WORLD LIT	10	9 - 12
112	EXPL IN RDG 05	5	9 - 12
115	MYTHOLOGY 05	5	9 - 12
116	SPEECH 05	5	9 - 12
117	FILM LIT 05	5	9 - 12
122	EXPOSITORY WRITING 05	5	9 - 12
123	CR WRTG 05	5	9 - 12
162	AM LIT & COMP 10	10	9 - 12
301	BASIC ALG 10	10	9 - 12
306	ALG I UP 10	10	9 - 12
307	ALGEBRA I 10	10	9 - 12
322	ALGEBRA II 10	10	9 - 12
303	BASIC GEOMETRY 10	10	9 - 12
316	GEOMETRY-COLL PREP 10	10	9 - 12
407	EARTH SCIENCE 10	10	9 - 12
450	ENVIR SCI 10	10	9 - 12
501	CIVICS 10	10	9 - 12
503	GEO & WORLD AFFAIRS 10	10	9 - 12
511	U S HIST 10	10	9 - 12
524	CONSUMER ECON 05	5	9 - 12
525	SOCIOLOGY 05	5	9 - 12
612	INFO PROC I 05	5	9 - 12
613	INFO PROC II 05	5	9 - 12
629	SPORTS & ENT MRKTG 05	5	9 - 12
701	CONC & MAT 10	10	9 - 12
737	PHOTO I 10	10	9 - 12
738	PHOTO II 10	10	9 - 12
786	ASPECTS OF ACTING 05	5	9 - 12
787	ACTORS' WORKSHOP 05	5	9 - 12
827	EFFECTIVE LIVING 05	5	9 - 12
901	PHY ED 9 10	10	9 - 12
904	IND SPORTS & LFTM ACT 05	5	9 - 12
907	PERSONAL FITNESS 05	5	9 - 12
909	STRNGTH TRNG & COND 05	5	9 - 12
920	HEALTH ED 05	5	9 - 12
930	COMMUNITY INTERNSHIP 05	5	9 - 12