

**BISHOP MCNAMARA
CATHOLIC HIGH SCHOOL**

**550 W. Brookmont Boulevard
Kankakee, Illinois 60901**

**CURRICULUM GUIDE
2010-2011**

INTRODUCTION

One of the most important decisions you make during your life is the course of study you pursue in high school. A wise selection of courses will broaden your opportunities for post high school education and will expand your vocational horizons. We urge you and your parents to read these course descriptions carefully and spend the time necessary to make wise choices.

It is the purpose of this guide to assist students in selecting the necessary and required courses for graduating from high school and for preparing themselves wisely for advancement toward their educational and vocational goals.

Students can receive considerable assistance from the school counselor and from the teachers in the various departments in making their course selections. The final responsibility for course selection, however, rests with the student (with the consent of his/her parents). **It is the responsibility of each student to keep count of his/her credits toward graduation and to be sure he/she is fulfilling all specific course requirements for graduation.** After the courses have been selected, the official registration form must be approved by the student's parents and finally by the student's counselor.

GENERAL INFORMATION

1. DEFINITION OF CREDIT

A. Academic credit is given for courses in a recognized academic discipline. Band, Art, Career Center and Religion, as well as the more obvious academic courses, are granted academic credit.

Academic credit is NOT granted for Driver Education.

B. ONE credit is given for a passing grade in a course meeting five (5) days a week for the FULL YEAR.

ONE-HALF credit is given for a passing grade in a course meeting five (5) days a week for ONE SEMESTER or 2-3 times per week all year.

C. Full year (one credit) courses can be either cumulative or non-cumulative in nature.

1.) Cumulative Credit is issued at the end of each semester. However, if a student fails the first semester and passes the second semester with a C- or above, then he/she will receive credit for both semesters.

2.) Non-Cumulative Credit is issued at the end of each semester. The only way to regain credit that has been lost by failure is to attend Summer School classes or to repeat the semester in the following year.

2. GRADUATION REQUIREMENTS

A. Twenty-three (23) credits are required for graduation. These credits must be earned in the following areas:

Religion	3.5credits
English.....	4 credits
Math	3 credits
Science.....	2 credits
Social Studies.....	2 credits
(includes American History)	
Mod. Language, Art, Vocational.....	2 credits
Electives	6.5 credits

B. 19 academic credits must be earned in Bishop McNamara Catholic H.S. courses. For students who have transferred in, 80% of credits earned while enrolled at BMCHS must be earned

GENERAL INFORMATION (continued)

in BMCHS courses.

- C. All Freshmen are required to take one (1) semester of Physical Education and one (1) semester of Health. Sophomores are required to take one (1) semester of Physical Education. Upper level Physical Education is an elective program with full academic status and students are strongly urged to take additional P.E. courses.
- D. Students must pass an exam on the United States Constitution and the Illinois State Constitution while enrolled in American History, or prior to graduation.
- E. Courses required for graduation must be taken at BMCHS. The only exception is a failure in a required course here, which may be made up in summer school or in the Continuing Education Division of Kankakee Community College.
- F. A graduation fee will be paid by all graduating Seniors before graduation.
- G. Each student is required to fulfill the fifteen (15) hours of SERVICE per year as outlined in the Curriculum Guide.
- H. Early graduation is not allowed.
- I. In keeping with the Mission Statement of Bishop McNamara, students will be required to attend a day of retreat during the school year. This retreat will be under the direction of the Campus Minister.

3. GRADE LEVEL CLASSIFICATION

- A. Students are classified as Freshmen, Sophomores, Juniors and Seniors - according to the year in which they are expected to graduate.

4. RANK-IN-CLASS

- A. Report cards are generated each nine-week period. While all grades are entered in letters, the following is the letter-number equivalent:
A=90-100 B=80-89 C=70-79 D=60-69
F=below 60 F-withdrew failing

GENERAL INFORMATION (continued)

- B. Using the 4.0 grade point scale, rank in class is determined by cumulative grade point average (GPA) at the END OF EACH SEMESTER. To determine GPA, grades are assigned quality points as follows: A=4.0, B=3.0, C=2.0, D=1.0. For Honors courses and AP courses, the quality points that correspond to the grades are weighted in the determination of the GPA. The quality points assigned to Honors/AP courses are: A=5.0, B=4.0, C=3.0, D=2.0.
- C. Independent study courses are not classified as Honors.

5. HONOR ROLL AND NATIONAL HONOR SOCIETY

Two Honor Rolls are printed at the end of each nine-week grading period. In order to achieve the "Gold" Honor Roll, a student must have a GPA of 3.50 or above. For the "Silver" Honor Roll, a student must have a GPA of 3.00-3.49. All credited classes are considered for Honor Roll status.

Those who remain on either Honor Roll for three (3) consecutive semesters and carry a cumulative grade-point-average of 3.5 or higher and have attained at least Junior status are eligible for selection into the National Honor Society.

6. MAKE-UP CREDITS FOR GRADUATION

In the event of failures, a student may earn credits to graduate with his/her class in the following ways:

- A. Repeat and pass the failed class.
- B. Take extra subjects at McNamara during grades 10,11 and 12
Six (6) academic credits is the normal required-course-load.
- C. Take summer school courses. (Maximum of one credit per summer.)
- D. Take continuing education courses at Kankakee Community College.
- E. Take correspondence courses through an approved institution.

7. SCHEDULE CHANGES

- A. **SELECT YOUR COURSES WITH CARE AND PLAN CAREFULLY.** We take your choices seriously and classes are formed, schedules created, and staff hired and assigned on

GENERAL INFORMATION (continued)

the basis of your registration. THAT IS WHY WE CANNOT ALLOW CHANGES AFTER THE REGISTRATION PROCESS IS COMPLETE.

- B. Mid-year course changes are limited to those that are Absolutely necessary due to: (1) Failures in full year courses, when recommended by the teacher; (2) Needs for graduation, as determined by the Counselor.
- C. Withdrawal from any course after the tenth (10th) class day of either semester will result in a grade of WF (withdrew failing) for the semester grade in that class. WF's are computed into GPA as 0 quality points, just the same as F's.

8. COLLEGE ADMISSION REQUIREMENTS

- A. Students planning to attend college should begin serious planning with parents, counselors, teachers, etc., early in the Junior year. Most colleges require a student to rank in the top half of his/her class, which means at least a B average.

Four Year College/High School Requirements:

English.....	4 years
Math (Algebra I, Geometry, Algebra II)	3 years
Social Studies.....	3 years
Science.....	3 years
Foreign Language, Music, Art or Vocational.....	2 years

- B. Standardized Testing:

- 1.) All Freshmen will take an EXPLORE test in the spring of the freshman year.
- 2.) All Sophomores will take the PLAN test in the spring of their sophomore year.
- 3.) Bishop McNamara Catholic H.S. offers all Juniors the PSAT/NMSQT during October of their junior year.
- 4.) The A.C.T. should be taken in the spring of the Junior year.
- 5.) The S.A.T. is required by some colleges and is usually taken at the end of the Junior year or early in the Senior year.
- 6.) All Seniors needing financial help to attend college should complete the FAFSA. Some colleges require completion of a CSS profile.

GENERAL INFORMATION (continued)

9. PERMANENT RECORD

A permanent record of all semester grades and college entrance test scores is maintained for each student. This record includes grades, grade point average, class rank, credit earned and attendance figures. When a student needs a copy of his/her permanent record for a college application, for transfer to another school, or for job references, he/she asks the REGISTRAR to prepare one for mailing. Such copies are called TRANSCRIPTS and are OFFICIAL documents, which are NEVER handled by students, graduates or parents. The first transcript for a student is supplied free of charge. Any additional copies cost \$2.00. After graduation there is a \$4.00 fee for each transcript.

10. COURSE SELECTION

1. Below the Course Title are numbers (9,10,11,12) indicating the grade level for students eligible to take the course. The length of the course (Full Year or One Semester), as well as the credit offered, is also indicated. Cumulative and Non-Cumulative courses are so indicated.
2. Pre-requisites for a course are mentioned in the course description.
3. "RECOMMENDATION NEEDED" following a course description means that approval is required by the student's current teacher from the department involved (or by the department chairperson, should the student not be taking a course currently in that department) - unless otherwise indicated.
4. Courses designated "HONORS" are courses of considerable difficulty and challenge. A great amount of content is included and it is presented within a short time span. Grades in these courses are given an extra quality point in computing a student's grade-point-average (GPA). Approval is always required for Honors courses. Independent study courses do not qualify for Honors status.
5. Courses designated "AP" are Advanced Placement Program courses. These courses are approved by the College Board and are taught at the high school level. This allows students to participate in a college-level course and possibly earn college credit while still in

GENERAL INFORMATION (continued)

high school. Students are given the opportunity to show mastery in college level courses by taking the “AP” exam in May of each school year. Grades in these courses are given an extra quality point in computing a student’s grade point average (GPA). AP exams require additional fees.

6. Every student is required to take a minimum of 6 academic classes each semester.
7. All courses that are considered core-courses for NCAA athletic eligibility will be identified with an asterisk (*) preceding the course title.

COURSE OF STUDY—ALL GRADES

	Freshman	Sophomore	Junior	Senior
English	English I	English II	Amer. Lit Hon. Amer. Lit	English Lit Hon. Eng./AP
Mathematics	Pre-Algebra Algebra I Acc. Algebra I	Algebra I Geometry Hon. Geometry	Geometry Algebra II Adv. Alg. II	Transition Coll. Math Pre-Calculus Hon. Calculus/AP
Science	Phys Science Acc. Phy. Sci.	Biology Hon. Biology/AP	Chemistry Hon. Chem./AP	Physics or Physiology Hon. Physics/AP
Soc. Studies		World Hist./ Geog.	US History Hon. US History/AP	Econ/Gov/Psych Hon. Psych./AP
Religion	Christian Sex. Intro to Cath.	Old Testament	New Testament Church Celebrates	Christian Morality Hon. God in Lit. Christianity & Cinema World Religions
Foreign Language	French I Spanish I	French II Spanish II	Hon. French III Hon. Spanish III Spanish III	Hon. French IV/AP Spanish IV Hon. Span. IV/AP
Fine Arts	Fund. Of Art Band	Fund. Of Art Band	Comp. Graphics Band	Comp. Graphics Band
Business/ Vocational	Comp. Appl.		Accounting I Career Center*	Accounting I Career Center*
Physical Education	Health Phy. Educ.	Upper Level P.E.	Upper Level P.E.	Upper Level P.E.

*Junior/Senior level students are able to take vocational courses at the Kankakee Area Career Center. The courses available are:

Auto Tech.	Drafting/CAD
Business Tech./Management	Fire/Rescue
Child Development/Play School	Health Occupations
Collision Repair	Law Enforcement
Computer Tech	Precision Metalworking
Cosmetology	Pre-Engineering
	Welding Technology

ART

FUNDAMENTALS OF ART

723 Grade 9,10 One Semester
 Non-Cumulative 1/2 Credit

This first semester course is open to freshmen and sophomores (and with teacher approval, to juniors and seniors.) Throughout the semester, students will:

1. Manipulate a variety of art media, and organize images with the elements and principles of art .
2. Find meaning in art works through written analysis and evaluation
3. Recognize and identify the techniques and works of many famous artists

COMMUNICATING WITH ART

724 Grade 9,10 One Semester
 Non-Cumulative 1/2 Credit

This second semester course is open to freshmen and sophomores (and with teacher approval, to juniors and senior.) Throughout the semester, students will:

1. Communicate visually, using symbols and expressive qualities of artistic elements.
2. Create expressive works in the area of fine art and commercial art, understanding the difference between the two areas.
3. Examine and experience works related to various art careers.

PAINTING

725 Grades 11,12 One Semester
 Non-Cumulative 1/2 Credit

This class is open to juniors and seniors, and will focus on art media used for painting, including acrylics, oils, watercolors and pastels. Subject matter is assigned by theme, but is open for creative interpretation to painting students, who will choose their best work(s) for entry in the KCC Juried High School Art Exhibition in February-March.

*Any student taking this course as a second year of art must have passed his or her previous art course(s).

ART (continued)

PORTFOLIO BUILDING

726	Grades 11,12 Non-Cumulative	One Semester 1/2 Credit
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This course provides excellent opportunity for students to focus on the media of their choice, as they create successful works to be included in their final Portfolio Review. Portfolios will include self-evaluations for each work, and interviews will be required as part of the final grade. Students in this course will be required to enter a work in the KCC Juried High School Art Exhibition in February – March 2011, and is a great opportunity for any student planning to pursue a career in the arts.

* Any student taking this course as a second year of art must have passed his or her previous art course(s).

COMPUTER GRAPHICS

728	Grade 11,12 Cumulative	Full Year One Credit
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With a focus on commercial art, this course will introduce junior and senior students to photo manipulation, publishing, and graphics through the use of Adobe and other software. Included in this course will be activities in animation, web design and advertising. Students will create independent and complex designs, culminating in a portfolio of their work. Timelines and verbal/written critique will be an important part of the art process. Self-discipline and self motivation will be a must for success in this class, and entry in the KCC Juried High School Art Exhibition will be required.

BUSINESS EDUCATION

COMPUTER APPLICATIONS

615	Grade 9 Non-Cumulative	Full Year 1/2 Credit
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This course is designed to acclimate the students to computing by offering instruction and applications software (word processing, spreadsheet and database). The emphasis of this course is on concepts and problem solving using Microsoft Office (Word, Excel, PowerPoint and Access). No previous computer experience is

BUSINESS EDUCATION (continued)

business would encounter (invoices, receipts, memorandums, etc.) for a one-month period. The student will also be introduced to some computer scan sheets, as well as manual methods.

DRIVER EDUCATION

Driver Education

Grade 10, 11, 12

This course is composed of a **classroom** phase and a "**behind the wheel**" phase. A-Orland Driving School, Bradley-Bourbonnais High School and some public high schools in which the student resides provide the instruction. These courses are taught during the summer or in the evening. Registration is the responsibility of the student.

ENGLISH

*ENGLISH I

112	Grade 9 Non-Cumulative	Full Year One Credit
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English I provides an intensive study of grammar and composition. Heavy emphasis is placed on the basic writing skills including structure, grammar usage and punctuation. Students will experience a wide range of writing activities, including the basic essay and a research essay. Students also have a study skills unit to help them with the transition to high school. In addition, students will be introduced to literary analysis through the study of short stories, poetry, plays and the novel. Students will also study non-fiction for analysis relating to historical and current event issues. Technology will be used via student computers for writing, research and other activities related to grammar. Students will have a weekly vocabulary unit based on the work that is currently being studied. These lessons focus on skills to improve performance on college entrance exams. Students will experience a unit of library science which includes the use of databases and how to research authoritative websites.

ENGLISH (continued)

***ENGLISH II**

122	Grade 10 Non-Cumulative	Full Year One Credit
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English II offers a continuation of basic grammar skills, but adds an intense concentration on the most common grammatical situations that appear on the ACT and SAT. Students will review the elements of writing as a prelude to the writing of extensive, complex essays of varied styles. In addition, students will write essays with an emphasis on critical literary analysis based on the literary works studied including novels, plays, short stories and poetry. Students will also write a comprehensive research paper. Oral communication skills will be taught through the study of speech and will culminate in oral presentations. The sophomores will enter into the second level of a three year vocabulary program established to improve performance on the ACT and SAT. Technology will be used with student computers for writing, research, and group work. Students will use Wikis, Google Documents, and other internet based technology to enhance their writing and research experiences.

***HONORS AMERICAN LITERATURE**

132	Grade 11 Non-Cumulative	Full Year One Credit
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This course is offered to students who have demonstrated superiority in the writing process and in literary analysis during the first two years in the English program. Honors American Literature is a challenging, fast-paced course that will demand much more time, effort, and study than the other junior literature courses. Students will study in depth a large volume of novels, short stories, plays, non-fiction and poetry. Students will be involved in an intensive writing program which includes many critical and analytical papers. In addition, students will write a historical/literary research paper. Students will trace the development of American Literature from its earliest stages to the modern era. Students will also do oral presentations for various units of study. Students will enter the final year of the vocabulary program. Students will receive assistance in preparing for the ACT and SAT. **RECOMMENDATION NEEDED.**

ENGLISH (continued)

*AMERICAN LITERATURE

131	Grade 11, Non-Cumulative	Full Year One Credit
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American Literature is designed for the college-bound student. The course covers most of the same material as the honors section but at a slower pace. Students will study the development of American Literature from its earliest stages to the modern era. The course includes a thorough writing program of critical and analytical essays. Students also write a research paper relating to American Literature. Students will enter the third level of the vocabulary program. Students will receive assistance in preparing for the ACT and SAT.

*HONORS ENGLISH/AP

141	Grade 12 Non-Cumulative	Full Year One Credit
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This is an Advanced Placement course designed for students who have demonstrated superiority in the English program for the first three years. The course is an in-depth, fast-paced study of the major English authors and their works in a historic context. Special emphasis is placed on Chaucer, Elizabethan drama (Marlow and Shakespeare), Romantic and Victorian poetry, and the nineteenth century novel. Extensive writing is required. College credit may be received by scoring well on the Advanced Placement exam at the end of the course. Students are admitted by invitation only. **RECOMMENDATION NEEDED.**

*ENGLISH LITERATURE

140	Grade 12 Non-Cumulative	Full Year One Credit
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English Literature is a literary/historical survey and a college-prep composition course. Students study literature ranging from the Anglo Saxon Period to Modern Literature. Special emphasis includes Chaucer, Shakespeare, Swift, Romantic and Victorian Poets, the Victorian Novel, and Modern short stories and poetry. Critical and analytical papers and historical research are required. This is a required course for college-bound students.

MODERN LANGUAGES

*FRENCH I

810	Grade 9, 10, 11, 12 Cumulative	Full Year One Credit
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French I is devoted to basic training in the language. Students are encouraged to speak French daily to aid them in vocabulary development, syntax structure, and ease of using the language. Audio-visual aids, tapes, text and workbook are used to attain the goals of a firm foundation in listening, speaking, reading, and writing. French culture is intertwined in daily language lessons. As the laptop initiative is adopted at BMCHS, freshmen will have many opportunities to use their computer in French class.

*FRENCH II

820	Grade 10, 11, 12 Cumulative	Full Year One Credit
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Students expand reading, writing, speaking, and listening skills attained in French I. They learn more advanced grammar and read with greater understanding. Their conversation is developed to the intermediate level. Proficiency in these skills is demonstrated in tests, homework, and original skits and speeches. Tapes, text, workbook and French films are used to stimulate conversation and increase exposure to French culture.

*HONORS FRENCH III

830	Grade 11, 12 Cumulative	Full Year One Credit
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An advanced course designed to increase the student's proficiency in aural comprehension, speaking fluency, reading ability, and writing style. Students are introduced to advanced tenses and sentence structure, and learn about French civilization and history through topical readings. Proficiency in these skills is gained through textbook work, along with paragraph and journal writing, skits, and impromptu discussion. Students are expected to maintain a "B" average in the class. **A "B" AVERAGE IN FRENCH II AND RECOMMENDATION NEEDED.**

MODERN LANGUAGES (continued)

*HONORS FRENCH IV/AP

840	Grade 12 Cumulative	Full Year One Credit
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French IV is conducted almost entirely in French. Much attention is given to students' progress in spoken fluency and improved sentence structure in compositions. Several literary works are read and discussed for meaning and ideas. Students increase facility with the language while gaining appreciation for French culture, through exposure to and discussion of current events, topical articles, and films. In addition some students will prepare for and take the French Language Advanced Placement Exam in May. **A "B" IN FRENCH III AND RECOMMENDATION NEEDED.**

*FRENCH V

850	Grade 12 Cumulative	Full Year One Credit
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French V is designed as an independent seminar for students who have followed an accelerated sequence in French due to prior experience or special circumstances. The class meets weekly for 90 minute sessions outside of school hours. Students read a selection of literary works for discussion and keep a French journal which is analyzed weekly for progress in written fluency at an increasingly high level of sentence structure. Evaluation is ongoing based on preparation for class, effort and improvement. Topical readings, films, articles, and vocabulary banks are used for discussion and writing. **A "B" AVERAGE IN FRENCH IV AND RECOMMENDATION NEEDED.**

*SPANISH I

812	Grade 9, 10, 11 Cumulative	Full Year One Credit
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Spanish I is devoted to basic training in the language for those interested in developing the ability to converse, read, and write. Attention is focused on the acquisition of vocabulary. A foundation is laid in the mechanics needed for reading, writing, speaking, and listening in the target language. Cultural activities, centered on Hispanic America, enhance the language experience. A variety of technological tools are utilized to augment the comprehension of the Spanish language and culture.

MODERN LANGUAGES (continued)

***SPANISH II**

822	Grade 9, 10, 11, 12 Cumulative	Full Year One Credit
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This course is a continuation of Spanish I, with increasingly more challenging grammatical structures used in speaking, reading, and writing. Success in Spanish I is essential for this course. More classroom use of the language is required. Original skits and compositions aid the student in developing confidence and in showing competency in the language. Class participation, oral and written, solo and in groups, is necessary for all students. Cultural activities, centered on Spain, enhance the language experience. A variety of technological tools are utilized to augment the comprehension of the Spanish language and culture.

***SPANISH III**

832	Grades 10, 11,12 Cumulative	Full Year One Credit
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Spanish III is the natural progression of Spanish I and II. Students will read more extensive materials for direct comprehension, write longer compositions, and extend their knowledge of grammar. Heavy emphasis is placed on listening skills and oral communication. Cultural activities, centered on Spanish artists, enhance the language experience. A variety of technological tools are utilized to augment the comprehension of the Spanish language and culture. Successful completion of Spanish II is mandatory.

***HONORS SPANISH III**

834	Grade 11, 12 Cumulative	Full Year One Credit
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Although Spanish III is a progression in the language study, the approach assumes complete mastery of skills learned in Spanish I and II. Students will read more extensive materials for direct comprehension, write longer and more complex compositions, and extend their knowledge of grammar. Students will need to rely heavily on prior knowledge in order to be successful at independent thought and study. Through conversational and writing patterns, students learn to speak and write the target language. In addition, the students are

MODERN LANGUAGES (continued)

introduced to the art of Spain and Latin America. Native literary readings are introduced at this level. A variety of technological tools are utilized to augment the comprehension of the Spanish language and culture. **Recommendation is needed and an A average in prior Spanish classes.**

*SPANISH IV

841	Grades 11,12 Cumulative	Full Year One Credit
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Spanish IV continues the knowledge of Spanish III. The course focuses on increasing perfection of Spanish grammar and higher level thinking skills in Spanish. Heavy emphasis is placed on oral and written communication in the target language. Cultural activities, centered on authentic Spanish literature, enhance the language experience. A variety of technological tools are utilized to augment the comprehension of the Spanish language and culture. Successful completion of Spanish III is mandatory.

*HONORS SPANISH IV/A.P.

842	Grade 11, 12 Cumulative	Full Year One Credit
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This course continues on the path to complete comprehension and perfection of the target language. The student will continue the building of vocabulary and the refinement of grammar skills. The course stresses oral skills, compositions, and grammar, emphasizing the use of Spanish for active, accurate and fluent communication. The student is required to use the language in the classroom. Students are expected to read, understand, and critically analyze works of major Hispanic writers. If the student wishes, the Spanish Advanced Placement Test will be available at the end of the second semester. **Successful completion of Spanish III Honors with a B average and teacher recommendation are needed .**

SPANISH V

852	Grade 12 Cumulative	Full Year One Credit
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Spanish V is offered on an independent study basis for the student who began study of the language in junior high school and has maintained excellent work during the four years here. The works of

MODERN LANGUAGES (continued)

such authors as Lorca, Una Muno, and Zorilla will be studied for their social and literary value. A contract will be entered into at the beginning of the year stipulating the requirements to be met. An "A" average must be maintained during the year.

Pre-requisites: Successful completion of 4 years of Spanish.

MATHEMATICS

RECOMMENDATION NEEDED.

PRE-ALGEBRA

310	Grade 9 Cumulative	Full Year One Credit
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This course focuses on the discovery of solutions and answers using observances and experiences of problem solving. Placement in this course is determined by the student's entrance test score. The course emphasizes the basic concepts of algebra and a wealth of practice problems designed to encourage the development of problem solving techniques and abstract thinking, particularly in regard to one and two variable equations. Topics covered include: operations with integers, rational numbers and real numbers; ratios and proportions, solving single variable equations and inequalities; graphing in the coordinate plane; an introduction to functions and two-variable equations; and an introduction to exponents and monomials.

*ALGEBRA I

314	Grade 9, 10 Cumulative	Full Year One Credit
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The goal of this course is to expose the student to standard algebraic skills. Topics covered will include solving linear equations, inequalities, and systems of equations, simplifying polynomials, factoring polynomials, and graphing various types of equations. The goal of this course is to expose the student to algebraic structure and to train the student in the computational and manipulative skills necessary in a college preparatory class. Placement in this course is determined by the entrance exam scores.

This course is a prerequisite for Geometry.

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MATHEMATICS (continued)

*ACCELERATED ALGEBRA I

316	Grade 9 Cumulative	Full Year One Credit
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This is a special section of Algebra I for those students whose entrance test scores indicate an above-average aptitude for mathematics. The course will cover, in greater depth and at a faster pace, the same topics as Algebra I, as well as radical expressions and quadratic equations. Technology will be used in specific topics of Algebra including data entry, linear regression, and statistics. Problem solving skills will be stressed. **RECOMMENDATION NEEDED.**

This course is a prerequisite for Honors Geometry.

*GEOMETRY

320	Grade 10, 11, 12 Cumulative	Full Year One Credit
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Algebra I or Accelerated Algebra I is a prerequisite.

This is a course in modern geometry designed to enable the student to develop an understanding of deductive and inductive proof and an ability to apply them to geometric problems and practical situations. Topics studied include congruent triangles, parallel and perpendicular lines, similar polygons, right triangles and the Pythagorean property, circles, and the areas of plane figures.

This course is a prerequisite for Algebra II or Advanced Algebra II.

*HONORS GEOMETRY

321	Grade 10 Cumulative	Full Year One Credit
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Accelerated Algebra I or Algebra I with teacher recommendation is a prerequisite.

This course is provided for those students who have shown exceptional proficiency in mathematics. The course includes all topics taught in Geometry, but the content is pursued in more depth. Additional topics such as surface area and volume of solids will be included. **RECOMMENDATION NEEDED.**

This course is a prerequisite for Honors Algebra II & Trigonometry.

MATHEMATICS (continued)

*ALGEBRA II

330	Grade 11, 12 Cumulative	Full Year One Credit
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Geometry is a prerequisite.

This course is designed to strengthen Algebra I skills while advancing to new topics. The introduction and use of a graphing calculator is incorporated into the curriculum as well. Topics to be covered will include equations and inequalities, graphing linear equations and inequalities, systems, polynomials and polynomial functions, complex numbers, and quadratics. A TI-83 plus or TI-84 plus graphing calculator is required. **RECOMMENDATION NEEDED.**

A passing grade in this course is a prerequisite for Transition to College Mathematics.

*ADVANCED ALGEBRA II

331	Grade 11, 12 Cumulative	Full Year One Credit
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Geometry or Honors Geometry is a prerequisite.

Advanced Algebra II is designed for students who have demonstrated ability and interest in mathematics. A strong background and mastery of Algebra I skills are essential. Students should have good study habits and welcome challenge. The course will review Algebra I topics, and then more traditional college algebra topics. Topics covered include but are not limited to matrix algebra, complex numbers, and functions (including polynomial, rational, logarithmic and exponential). Problem solving skills will be stressed. A TI-83 plus or TI-84 plus graphing calculator is required. **RECOMMENDATION NEEDED.**

A passing grade in this course is a prerequisite for Pre-Calculus.

*HONORS ALGEBRA II & TRIGONOMETRY

332	Grade 11 Cumulative	Full Year One Credit
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Honors Geometry is a prerequisite.

Honors Algebra II & Trigonometry is designed for those students who have demonstrated exceptional ability and interest in mathematics and for those students who desire a strong mathematics background for college or future study. The course will cover, in greater depth and at a

MATHEMATICS (continued)

faster pace, the same topics as Advanced Algebra II, as well as topics in trigonometry and trigonometric functions. Problem solving skills will be stressed. A TI-83 plus or TI-84 plus graphing calculator is required.

RECOMMENDATION NEEDED.

This course is a prerequisite for Honors Calculus/AP

*PRE-CALCULUS

340	Grade 12	Full Year
	Cumulative	One Credit

Advanced Algebra II or Honors Algebra II & Trigonometry is a prerequisite.

This course extends the study of Advanced Algebra II. Topics include an in-depth study of algebraic, exponential, logarithmic, and trigonometric functions and their graphs. This course is designed to prepare students for a college calculus course.

RECOMMENDATION NEEDED.

*HONORS CALCULUS/AP

341	Grade 12	Full Year
	Cumulative	One Credit

Honors Algebra II & Trigonometry is a prerequisite.

This course is equivalent to a first semester college Calculus course. It is designed to prepare students to take the Calculus AP Exam in May. It requires a solid background in advanced algebra. Some time is spent reexamining topics such as equation solving, functions and their graphs, polynomial and rational functions, exponential, logarithmic, and trigonometric functions. Other topics include limits, derivatives, applications of derivatives, integrals, and applications of integrals. Course material is presented geometrically, numerically, analytically, and verbally to enhance student understanding of the basic concepts of calculus. Graphing calculators and computers are used regularly to reinforce the concepts of calculus, explore calculus ideas, support the results of their analytical work, and to help solve problems. Students are taught that ideas can be investigated analytically, graphically, numerically, and verbally. **RECOMMENDATION NEEDED.**

MATHEMATICS (continued)

TRANSITION TO COLLEGE MATHEMATICS

342	Grade 12	Full Year
	Cumulative	One Credit

Credit in Algebra II or Advanced Algebra II is a prerequisite.

This course is designed to prepare students for College Algebra. This course is for those seniors who have experienced difficulty in Algebra I, Geometry, or Algebra II, but plan to attend college. Topics in Algebra and Geometry as well as an introduction to College Algebra topics and Trigonometry will be reviewed and approached through numerical computation in concrete problem settings.

RECOMMENDATION NEEDED.

MUSIC

CHORUS

762	Grade 9, 10, 11, 12	No Credit
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Membership in Chorus is open to any student who enjoys singing. Students will learn choral performance techniques as well as individual instruction based on their level of entry. A variety of musical styles are explored as well as opportunities to perform in group settings. Performances include: seasonal concerts, liturgies, District and State Competition, solo and ensemble contests. Participation in the Spring Musical is optional, but encouraged.

BAND

757	Grade 9, 10, 11, 12	Full Year
		One Credit

Band is open to students who play a band instrument and can read music. Each band member, in addition to band class will have a weekly sectional period during study hall. Band class includes Concert Band, Marching Band, and Pep Band. Band students have the opportunity to participate in IHSA contests and auditions.

PHYSICAL EDUCATION

FRESHMEN P.E.

512 -	Boys	513- Girls
	Grade 9	One Semester
	Non-Cumulative	1/2 Credit

Freshmen are required to take one semester of physical education. Technology based learning will be used to present fitness, wellness, and athletic concepts. The curriculum will include individual sports, lifetime sports, team sports, and physical fitness development. The program is designed to give a basic general introduction to physical education concepts and to promote a positive attitude toward exercise and wellness.

HEALTH

515	Grade 9	One Semester
	Non-Cumulative	1/2 Credit

Freshmen are required to take one semester of health education. The programs includes mental health, personal health habits, drugs and alcohol education, tobacco, nutrition, sexually transmitted diseases and consumer health. This course will involve a technology based, collaborative approach to understanding health principles and promoting a positive attitude toward wellness.

UPPER LEVEL P.E.

550, 551 - Boys	560, 561— Girls
Grade 10, 11, 12	One Semester
Non-Cumulative	1/2 Credit

Sophomores are REQUIRED to take one semester of Physical Education. This course is an elective for juniors and seniors. Physical Education is designed to benefit all students and to provide an opportunity for attaining a high level of fitness. This course will provide instruction of rules and strategies, opportunity to develop cardiovascular fitness, flexibility, strength, coordination, and agility. Fitness development, team sports, individual sports, lifetime activities and coed activities will be a part of the curriculum.

RELIGION (continued)

NEW TESTAMENT

020	Grade 11 Non-Cumulative	One Semester 1/2 Credit
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The focus of the second year is on the Christian Scriptures. The students will be challenged to meet the person of Jesus as a guide and example in their own lives through the study of and reflection on the New Testament. The lived experience of the Christian community and its personal application in the students' own lives will be emphasized.

REQUIRED OF ALL JUNIORS.

THE CHURCH CELEBRATES

030	Grade 11 Non-Cumulative	One Semester 1/2 Credit
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This course focuses on the sacramental life of the Church. Sacraments are festive actions in which we celebrate our lived experiences and call to heart our common story - signs of God's care for us in Christ which bring us closer to Him and each other. Each sacrament will be examined in view of this definition, as well as from a historical, theological, and practical side. The sacraments of initiation and reconciliation will be stressed. The aim of this course is to enable students to celebrate more fully, participate in, and understand the worship life of their parish/church. **REQUIRED OF ALL JUNIORS.**

CHRISTIAN MORALITY

043	Grade 12 Non-Cumulative	One Semester 1/2 Credit
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In this course various aspects of Christian morality will be examined. Some of the topics will include: moral decision making; justice; honesty; respect for people and creation; as well as other topics of morality. Teachers will use lecture, discussion, and cooperative learning methods of instruction. Several projects will be included.

REQUIRED OF ALL SENIORS.

RELIGION (continued)

GOD IN LITERATURE

041 Grade 12 One Semester
 Non-Cumulative 1/2 Credit

This cross-curricular (Religion/Literature) honors course uses great works of literature as starting points for discussion of values. In some of the texts, students will be presented with characters facing a moral dilemma. In non-fiction works, the student will be introduced to real people who have done God's work in the world. Dorothy Day, Fyodor Dostoevsky, Graham Greene and C.S. Lewis are among the authors whose works are studied. This honors course is meant for the serious student eager to read great literature as a gateway to thinking and talking about God and His plan for us. The novel *The Long Loneliness* will be read. **RECOMMENDATION NEEDED.**

SERVICE

Grade 9, 10, 11, 12 No Credit

Realizing that life is a gift, it is our responsibility to use the gifts that we have been given. Our initiation into the Christian community dictates we share those gifts for the sake of the community. For it is only in giving that we receive. This trait, modeled by many parents and friends of McNamara, is something we feel compelled to encourage in our students.

In order to provide students with the opportunity "to be for others," students will be required to perform a type of service while attending McNamara. Fifteen hours of service will be required for each year a student is in attendance at McNamara.

*WORLD RELIGIONS

044 Grade 12 One Semester
 Non-Cumulative 1/2 Credit

Every religious tradition tends to answer the same fundamental questions. The answer to these questions generally comes through a description of people's religious experiences, their basic beliefs and teachings, and their sacred stories and myths.

RELIGION (continued)

World Religions will examine the answers provided by the major religious traditions to these fundamental questions.

These fundamental questions to be looked at will be:

What is the human condition?

What is salvation?

What is our destiny?

What is the nature of the world?

What is right/wrong?

What is the ultimate reality and how is it revealed?

CHRISTIANITY AND CINEMA

045	Grade 12	One Semester
	Non-Cumulative	1/2 Credit

This course focuses on the Christian virtues of Faith, Hope and Love. Using classic films from the 1940's through present day, this course will teach students to view films critically. Through reading, writing, lectures and class discussion, the students will examine films as the stories of ordinary men and women making the choice to serve God and others. The aim of this course is to enable students to see the role God plays in everyday life, and to provide them with a means of examining those virtues that draw them closer to God. Viewing of films will be outside of class time and will be the student's responsibility.

SCIENCE

*PHYSICAL SCIENCE

210	Grade 9	Full Year
	Cumulative	One Credit

Physical Science is a course designed for students to attain the fundamental concepts of physics, chemistry, and astronomy. Labs designed to reinforce content and solving problems using the scientific method are conducted. Communication skills, thoughtful planning, and organization will be emphasized.

SCIENCE (continued)

*ACCELERATED PHYSICAL SCIENCE

213	Grade 9 Cumulative	Full Year One Credit
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Accelerated Physical Science is a course designed for an incoming student who has both an exceptional interest, and aptitude in science and science related activities. Laboratory and critical thinking skills will be stressed around a traditional Physical Science curriculum. Writing skills, along with a high degree of student initiative, will be assumed. Enrollment will be limited.

*BIOLOGY

221	Grade 10, 11, 12 Cumulative	Full Year One Credit
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The major ideas in biology will be studied with a focus on man's relationship with his environment. Stress will be placed on learning biological concepts through scientific logic and methodology, particularly through the use of scientific investigations

HONORS BIOLOGY

222	Grade 10, 11, 12 Cumulative	Full Year One Credit
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This course strongly emphasizes a biochemical approach to the study of biology. Besides exploring the basic concepts of biology, the student is expected to gain an understanding of the means by which biological information is collected and interpreted through experimentation. Some topics involve time spent in the library seeking answers to practical questions. **RECOMMENDATION NEEDED.**

*CHEMISTRY

230	Grade 11, 12 Cumulative	Full Year One Credit
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Chemistry is usually seen as the study of the structure and properties of matter. It is often referred to as the most central of the sciences. Chemistry is experimentally based and designed to involve the student in the purposeful interrogation of nature.

SCIENCE (continued)

Mastery of algebra and computational skill are assumed. **RECOMMENDATION NEEDED. Note: Student must have had Algebra II or concurrently be enrolled in Algebra II**

***HONORS CHEMISTRY/AP**

231	Grade 11, 12 Cumulative	Full Year One Credit
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In this course great emphasis is placed on experimentation and observation as the basis for all knowledge. The specific goal of Chemistry is the interpretation of facts by thoughtful use of basic principles. Major concepts include a consideration of the nature of matter and energy, atoms and molecules as the building blocks of matter, the nature of the atom, chemical bonds, molecular structure, and the dynamics of chemical reactions. All students will participate in various group research activities which may involve out of school time commitment. Four mandatory summer activities will be scheduled. Meeting times will be formalized in late May. For a more detailed description of the class see the College Board's document at:http://www.collegeboard.com/student/testing/ap/sub_chem.html?chem
APPROVAL NEEDED FROM DEPARTMENT CHAIRMAN OR PREVIOUS SCIENCE TEACHER. Note: Student must have had Algebra II or be concurrently enrolled in Algebra II.

***PHYSICS**

241	Grade 12 Cumulative	Full Year One Credit
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Have you ever tried to stand an egg upright? Have you ever wondered how big the Universe is or how it began? Have you ever thought about light and how fast it travels; or stared into a flame and wondered what it really is? If you answer yes to some or all of the preceding questions, are a Senior level student, have sound mathematical skills and good work habits Physics may be for you.... This course is designed for active learners who desire to enhance their fundamental understanding of the physical world. Simple labs, thoughtfully designed to elicit conceptual understanding of various phenomena will be at the heart of the student's day to day activity. Material from a wide variety of sources will be employed. All students will actively

SCIENCE (continued)

participate in various group research projects. **APPROVAL NEEDED FROM DEPARTMENT CHAIRPERSON OR PREVIOUS CHEMISTRY TEACHER.**

*HONORS PHYSICS/AP

240	Grade 12 Cumulative	Full Year One Credit
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Physics as a discipline is usually considered to be the most encompassing of the natural sciences. Any and all matter-energy interactions fall within its scope. Such concepts as force, momentum, work and energy are introduced and dealt with in depth. Various theories concerning the electromagnetic nature of light, the quantum structure of matter, and the kinetic behavior of gases are developed. All students will participate in various group research activities which may involve out of school time commitment. Pre-requisite: six semesters of math, with at least two more semesters to be taken concurrently with the course. Four mandatory summer activities will be scheduled. Meeting times will be formalized in late May. For a more detailed description of the class see the College Board's document at:

http://www.collegeboard.com/student/testing/ap/physics_b/topic.html?physicsb **APPROVAL NEEDED FROM DEPARTMENT CHAIRMAN OR CURRENT CHEMISTRY TEACHER.**

*PHYSIOLOGY

242	Grade 11, 12 Cumulative	Full Year One Credit
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Human physiology is a course for advanced students who desire a more detailed study of the functions of the human body. A systematic approach is used, including laboratory investigations and the dissection of a cat for anatomical comparison. **Pre-requisite: Chemistry. RECOMMENDATION NEEDED.**

LABORATORY ASSISTANT

250	Grade 12 Non-Cumulative	One Semester 1/2 Credit
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Students who are interested in laboratory work will have an opportunity to learn basic skills and techniques. These include preparation of solutions, handling of chemicals, and setting up apparatus. Each student will set his own goals and be encouraged to meet them. A

SCIENCE (continued)

student may choose to assist in a biology or a chemistry lab. **Pre-requisite: one semester of Chemistry. RECOMMENDATION NEEDED.**

EXPERIMENTAL RESEARCH

Grade 9, 10, 11, 12	One Semester
Non-Cumulative	1/2 Credit

Have you ever been fascinated by a problem? Have you ever tried to study that problem in a systematic way? Do you like to communicate the results of your efforts to others? People involved in experimental research would answer yes to the forgoing questions. Experimental Research is designed for the independent student who wishes to pursue an original research activity during non-class hours. Individuals wishing to enroll should approach a member of the Science department with their research proposal. Approval of the project must precede registration for the course. Successful completion of the course will be evidenced by the publication of the research in an appropriate forum or the public presentation of the results at a professional meeting.

SOCIAL STUDIES

*WORLD HISTORY AND GEOGRAPHY

420	Grade 10	Full Year
	Non-Cumulative	One Credit

World History and Geography surveys the history of civilization from its primitive beginnings through the 20th century. Special emphasis is given to significant cultural, economic, geographic, historical, political, and social concepts, events, people, principles, and themes of Western Civilization. This study of the human past endeavors to incorporate important events and topics of non-Western Civilization, such as ancient India and China, Africa, Latin America, and the Middle East. **This course is required for all Sophomores.**

SOCIAL STUDIES (continued)

***UNITED STATES HISTORY**

430	Grade 11 Non-Cumulative	Full Year One Credit
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American History provides students with a broad, general description of our nation's past, focusing on the major events, themes, and people of America's heritage. The Constitutions of the United States and Illinois are studied in some detail in preparation for state mandated testing. **REQUIRED FOR ALL JUNIORS NOT ENROLLED IN HONORS UNITED STATES HISTORY.**

***HONORS UNITED STATES HISTORY/AP**

431	Grade 11 Non-Cumulative	Full Year One Credit
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Many people view history merely as a set of dates and facts to be memorized, but history is much more than that. History is an organic and ever-changing discipline, periodically discovering new evidence and revising old commonly held beliefs. It's not enough to learn history itself; one must learn from history the true essence of the human experience. This course is designed for that purpose.

The ultimate goal of this course is preparation for the AP Exam in the spring. Through this course, students will be provided with content, practical knowledge of U.S. History, practice in critical thinking activities and experience in effective writing techniques that will better prepare them for not only AP exam but also their future educational areas. This course is divided into periods of time and emphasizes themes throughout American History. These themes include the American identity, economic evolution and American foreign policy. This will be a rigorous course, but it will also be enjoyable. Hard work and dedication will be essential to success.

***HONORS PSYCHOLOGY/AP**

443	Grade 12 Non-Cumulative	Full Year One Credit
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This Honors/Advanced Placement class is intended for Seniors who have demonstrated high ability and an enthusiastic interest in the social sciences and who meet the department's approval criteria for admission

SOCIAL STUDIES (continued)

to honors classes. In addition to a college intro-level textbook, this class will require a significant amount of supplemental reading from a variety of related sources and the completion and presentation of oral presentations to the class. The nature of the material covered is a traditional survey/introduction to the field of Psychology and will include subtopics such as physiological, cognitive, developmental, abnormal and social psychology. The classical theories of personality, psychopathologies and therapeutic methods will also be a primary focus of the class content. This class is highly discussion and participation oriented and therefore, requires a willingness to share one's ideas verbally with the group. Students enrolled in Honors AP Psychology must satisfactorily complete an independent study unit and pass an exam on both the Illinois and United States Constitutions by the end of the First Semester. **RECOMMENDATION REQUIRED.**

ECONOMICS/GOVERNMENT/PSYCHOLOGY

450	Grade 12	Full Year
	Non-Cumulative	One Credit

This course is for all Seniors not enrolled in Honors AP Psychology. Topics include Micro economics and Civics (First Semester) and Psychology (Second Semester). Successful completion of the Civics portion of this course fulfills the state requirement of passing a satisfactory exam on the Illinois and United States Constitutions.

KANKAKEE AREA CAREER CENTER

Grade 11,
Non-Cumulative

Full Year
Three Credits

Kankakee Area Career Center is, in essence, an industry with its fundamental product being trainees who are employable. The Career Center is involved in keeping current with changes in business and industry and employment needs, through continuous visitation and communication with business and industry.

The Kankakee Area Career Center serves students in a very unique way, through simulating that for which they are being trained - business and industry. The responsibility of the student is to provide initiative, a desire to learn and an attitude attuned to the needs of business and industry.

Application to the Center is to be made with the Senior Counselor.

Programs available are:

930 COLLISION REPAIR
952 PRE-ENGINEERING
932 AUTOMOTIVE TECHNOLOGY
933 BUSINESS TECHNOLOGY/MANAGEMENT
934 CHILD DEVELOPMENT/PLAY SCHOOL
935 CONSTRUCTION TECHNOLOGY
936 COSMETOLOGY
938 COMPUTER TECHNOLOGY I & II
941 FIRE RESCUE
943 HEALTH OCCUPATIONS
944 LAW ENFORCEMENT
945 PRECISION METALWORKING
947 WELDING TECHNOLOGY
950 DRAFTING/CAD

