

# Cardinal McCarrick High School

310 Augusta Street  
South Amboy, NJ 08879



## Curriculum Guide

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**2011-2012**

**Cardinal McCarrick High School**  
South Amboy, NJ 08879  
[www.cardinalmccarrick.com](http://www.cardinalmccarrick.com)

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Sophomore/Junior/Senior

**Mr. Michael Foley**  
Counselor  
Freshman

**Mr. William Ryan**  
Counselor  
Sophomore/Junior/Senior

**Curriculum Guide**  
2011-2012

**Computer Science Department**

**English Department**

**Mathematics Department**

**Music Department**

**Physical Education/Health Department**

**Religion Department**

**Science Department**

**Social Studies Department**

**Visual Art Department**

**World Languages Department**

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## Curriculum Guide Introduction

### **ACADEMIC PROGRESS**

Cardinal McCarrick High School utilizes three methods to keep parents informed of their child's academic performance. **Power School**, our on-line parent and student information program, provides up-to-date access to student's grades. Teachers also post homework assignments and other pertinent class information on Power School and Moodle. Individual progress reports are no longer sent to parents. Instead, teachers of any students who are failing at the half-way point of each marking period are asked to contact the parents via e-mail or phone to remind them to check Power School with regards to a failure.

All parents are welcome to attend parent-teacher conferences which are held after the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> marking periods. They are conducted after the student's report cards have been distributed. Parents are encouraged to attend these conferences to ensure that strategies can be devised to improve the student's academic performance. The dates for these conferences are posted on the school calendar on the website.

### **GRADING POLICY**

The school year is divided into four marking periods and two semesters. Semester I is made up of marking periods one and two and the mid-term examination. Semester II includes marking periods three and four and the final examination. The final grade for the year is the average of Semester I and II. The dates for the 4 academic quarters are posted on the school website.

The school employs the following grading system:

A+= 97-100      C+= 80-84  
A= 93-96        C = 75-79  
B+= 89-92      D= 70-74  
B= 85-88        F= 69 & below

I=Incomplete

X=Medical excuse (no credit earned)

W=Withdrew (no credit earned)

### **HONOR ROLL**

Honor Roll is determined by a student's grades in each of the four quarters. The requirements for honor roll are as follows:

- 1) Principal's List: No grade less than "A"
- 2) Honor Roll: No grade less than a "B"

Students will receive a certificate after their report cards have been distributed to indicate which level of honor roll was achieved.

### **CLASS RANK**

The guidelines governing class ranking are based on the recommendations of the National Association of Secondary School Principals which are explained below.

Cardinal McCarrick's Class Ranking is determined by three factors:

- 1.) Quality Points
- 2.) Weight of the class
- 3.) Number of Credits

**QP x W x Cr= Total QP**

**G.P.A. =  $\frac{\text{Total QP}}{\text{Credits}}$**

1. The cumulative GPA will be carried out to four (4) decimal places.

2. If a tie in GPA should result, the student with the highest number of Quality Points will be the Valedictorian and the student with the second highest number will be the Salutatorian.
3. Valedictorian and Salutatorian will be determined at the end of the second (2<sup>nd</sup>) semester of senior year.

<u>Quality Points</u>	<u>Weight</u>
A+ = 4.33	AP Course=1.50
A = 4.00	Honors=1.35
B+ = 3.33	College Prep=1.20
B = 3.00	Academic=1.05
C+ = 2.33	
C = 2.00	
D = 1.00	
F = 0	

### **COURSE CHANGES POLICY/PROCEDURE**

Student schedules are distributed during the last week of August (provided all financial and documentation obligations are complete). Students who wish to make a schedule change must make an appointment to meet with a Guidance Counselor during the first week of school to discuss the schedule change. **No request for schedule changes after the first full week of school will be made without written parental consent and only in extreme circumstances.** All schedule changes are contingent on space availability. The administration reserves the right to make schedule changes to equalize class size or to place the student in an appropriate ability level class based upon teacher recommendation.

### **EXAMINATIONS**

Exams are administered at mid-year and at year's end. All exam dates are posted on the calendar. If a student is absent for an exam, a doctor's note must be sent into school. **Students with outstanding financial obligations may not be permitted to take semester exams.** In order to be exempt from the final exam:

- (1) Students must attain a minimum of an "A" average for all 4 quarters.
- (2) A student must have a minimum of an "A" average for the entire academic year. This includes averaging of the midterm exam as well.

### **MAKE-UP WORK/TESTS**

Students who miss work and/or tests because of a legitimate absence are permitted to make them up. **However, it is the responsibility of the student to make arrangements with the teacher to make-up missed work and tests.** The teacher is not responsible for seeking out students who were absent, suspended or on a class trip to inform them of work missed or to arrange dates for make-up tests. Suspended students must make up missed tests, projects, labs and quizzes.

In the event that a student receives a grade of I (Incomplete), he/she will have a grace period to make up the work as deemed fit by the instructor. However, this grace period cannot exceed two weeks. If the academic requirements for the course are not made up during the grace period, the grade of Incomplete becomes a grade of zero "0".

### **CHEATING**

Cheating is always considered a serious matter. When the cheating involves homework or class work, no credit will be given to anyone involved. A student found cheating on a quiz, test or exam will receive a zero grade and not have the opportunity for a make-up. This applies to the student giving the answers as well as the one taking the information.

### **PLAGIARISM**

Plagiarism is stealing and presenting someone else's work as your own, whether taken from books, periodicals and/or the internet. A student who commits plagiarism will receive a grade of zero and will **NOT** be eligible to make up that grade.

## **GRADUATION POLICY**

The school reserves the right to issue diplomas only to those students who, in the school's judgment, reflect the philosophy of the school, pass the required course of study, accumulate the necessary credits for graduation, and pay all tuition and fees. Any senior who has not met the requirements for graduation by June of his/her senior year may be refused participation in commencement exercises. A diploma may be granted at the discretion of the Principal and/or Assistant Principal after the senior has met the graduation requirements.

### Required Course of Study:

1) Students must have a successful academic standing in the following areas:

Religious Studies	4 Years
English	4 Years
Mathematics	4 Years
Health/PE	2 ¼ Years
Science	4 Years
Social Studies	3 Years
Technology	¼ Year
Music/Art	½ Year
World Language	2 Years

2) Students must accumulate a minimum of 130 credits and receive a passing grade in ALL required and elective courses.

3) Seniors and Juniors will complete 10 hours of community service each year as approved by the Religion Chairperson.

## **YEAR-END FAILURES/SUMMER SCHOOL POLICY**

A year-end failure is defined by Cardinal McCarrick High School as an academic course where a student's year end average is below seventy (70). Therefore, it is possible for a student to fail for a quarter or fail an exam and still pass the course for the year. However, those students who do not achieve a grade above sixty-nine (69) for the year will fall under the following sanctions:

1) All year-end failures will be reviewed by the Administration.

2) Any student with a year-end failure may be required to withdraw from Cardinal McCarrick.

3) **NO STUDENT WILL BE ALLOWED TO REPEAT A COURSE DURING THE FOLLOWING YEAR.**

4) All failed courses must be made up during the summer. Parents must contact the Assistant Principal or Guidance Director to discuss which strategy will be approved (summer school, certified tutor, on-line course etc.) to make up a failure.

## **ACADEMIC ELIGIBILITY AND PROBATION**

A student's eligibility to participate in extracurricular activities is determined at the end of each quarter. Any student who has two or more failures at the end of a quarter (marking period) will be academically ineligible to participate in any extracurricular activity scheduled during the next marking period (quarter). The official date of ineligibility (or re-instatement of eligibility) will be the day the report card is distributed in school. Extra-curricular activities are defined as athletics, student government, school plays, clubs, dances, and non-subject related trips. Students already involved in an activity at the time will be suspended from the activity. Academic eligibility for athletics assumes that a student has fulfilled the credit requirement of the NJSIAA for participation in interscholastic athletics.

## **ACADEMIC PROBATION CRITERIA**

1) Any student who is placed on academic probation will be required to have a conference with their parent(s)/guardian(s) and the Principal and the Assistant Principal(s)

2) Any student who has three or more semester failures at the end of the first semester may be required to withdraw from Cardinal McCarrick High School at the end of the first semester.

- 3) The Administration reserves the right to remove any student whose academic achievement is seen as unsatisfactory.

**ACADEMIC SUPPORT**

Teachers provide needed academic support in order for every student to successfully complete the personalized achievement plan. Each teacher has specific times posted on Moodle when they are available to provide tutorial help related to improved achievement. Peer tutors and on-line math and language arts programs are also available to ensure that every student has the tools to reach their goals.

**ACADEMIC ELIGIBILITY FOR NCAA DIVISION I OR DIVISION II COLLEGE**

College bound athletes also need to be sure that they have the kind and number of courses required to meet NCAA eligibility requirements. Specific information about NCAA eligibility is available through the Guidance Office and at <https://web1.ncaa.org/eligibilitycenter/common> to see which of our courses are authorized core courses. In addition, the NCAA uses a sliding scale in regard to GPA and SAT/ACT scores.

Many high school athletes are hopeful of a college scholarship once they graduate from CMHS. The following academic eligibility for NCAA Division I and II colleges is printed below that should serve as a reference for athletes when selecting subjects.

General Requirements

To be a qualifier at **Division I** institution and eligible for financial aid, practice and competition during the first year the student must:

1. Graduate from high school
2. Present a minimum combined test score on the SAT critical reading and math sections or a sum of the four sections (English, math reading and science) on the ACT as indicated on the index scale below:

<u>CORE GPA</u>		<u>SAT (verbal &amp; math only)</u>		<u>ACT</u>
2.500 and above	820		68	
2.375		870		72
2.250		920		77
2.150		960		80
2.00		1010 and above		86

3. Achieve a minimum grade point average (GPA) in at least 16 core courses in the following areas: 4 years of English, 3 years of mathematics (Algebra I or higher), 2 years of natural/physical science, (1 year of lab if offered by high school), 1 year of additional English, mathematics, or natural/physical science, 2 years of social studies, 4 years of additional courses (from any area above, world language or non-doctrinal religion/philosophy).

To be a qualifier at a **Division II** institution, you must:

1. Graduate from high school
2. Present a minimum grade-point average of 2.000 in at least 14 core courses in the following areas: 3 years of English, 2 years of mathematics (Algebra I or higher), 2 years of natural/physical science (1 year of lab if offered by high school), 2 years of social science, 3 years of additional courses (from any area above, world language or non-doctrinal religion/philosophy)
3. Present a minimum 820 combined score on the SAT critical reading and math sections only or an ACT sum score of 68. The writing section of the SAT is not used.

**GRADE 9  
COURSE SELECTION**

During your course selection appointment a Guidance Counselor will make recommendations as to placement in the following subject areas. Placement is determined by Entrance Test and Guidance Department recommendation.

REQUIRED COURSES – Indicate one from each area: (English, History, Math, & Biology)

Course	Choice	Teacher's Signature
112 - Religious Studies I	X	
211 – Honors English I		
212 – CP English I		
210 – Academic English I ++		
411 – Honors World History		
412 – CP World History		
410 – Academic World History		
018/951 – Freshmen Life Skills, Computers, Art, Music, PE	X	
511 – Honors Algebra I / Geometry		
512 – CP Algebra I		
510 – Academic Algebra I		
612 – Honors Biology		
611 – CP Biology		

ELECTIVE COURSES – (Choose one)

Course	Primary Choice	Teacher's Signature	Secondary Choice	Teacher's Signature

312 – Spanish I				
322 – Spanish II				
352 – French I				
931 – Composition Skills ++				

++ **MUST REGISTER FOR BOTH COURSES**

**GRADE 10  
COURSE SELECTION**

*Students must obtain a teacher signature for any course that has a prerequisite or requires approval.*

**REQUIRED COURSES** – Indicate one from each area: (English, History, Math, Language & Science)

Course	Choice	Teacher's Signature
122 – Religious Studies II	X	
221 – Honors English II / American Literature		
222 – CP English II / American Literature		
223 – Academic English II / American Literature		
331 – Honors Spanish III		
312 – Spanish I		
322 – Spanish II		
371 – Honors French III		
352 – French I		
362 – French II		
422 – Honors U.S. History I		
423 – CP U.S. History I		
424 – Academic U.S. History I		
522 – Geometry		
520 – Academic Geometry		
531 – Honors Algebra II / Trigonometry		
631 – Honors Chemistry		
632 – Chemistry		
820 – Physical Education II / Driver Education	X	

**GRADE 11  
COURSE SELECTION**

*Students must obtain a teacher signature for any course that has a prerequisite or requires approval.*

**REQUIRED COURSES** – Indicate one from each area: (English, History, Math & Science)

Course	Choice	Teacher's Signature
132 – Religious Studies III	X	
231 – Honors English III / British Literature		
232 – CP English III / British Literature		
451 – AP U.S. History		
431 – Honors U.S. History II		
432 – CP U.S. History II		
531 – Honors Algebra II / Trigonometry		
532 – CP Algebra II		
530 – Academic Algebra II		
551 – Honors PreCalculus		
552 – CP PreCalculus		
641 – Honors Physics		
653 – Honors Human Anatomy & Physiology		
661 – Environmental Science		
830 – Physical Education III / Health	X	

**ELECTIVE COURSES** – Choose one primary choice and two secondary choices

Course	Primary Choice	Teacher's Signature	Secondary Choice	Teacher's Signature
031 – Advanced Computer Applications for College				
273 – Journalism I				
331 – Honors Spanish III				
341 – Honors Spanish IV				
312 – Spanish I				

322 – Spanish II				
371 – Honors French III				
381 – Honors French IV				
352 – French I				
362 – French II				
468 – Sociology				
904 – Music Understanding & Application				
905 – Music Performance Ensemble				
958 – Two Dimensional Design				
961 – Portfolio I				
962 – Themes & Foundations of Art				
963 – Three Dimensional Design				
964 – Foundations of Graphic Design				

**GRADE 12  
COURSE SELECTION**

*Students must obtain a teacher signature for any course that has a prerequisite or requires approval.*

REQUIRED COURSES – Indicate one English and one Math

Course	Choice	Teacher’s Signature
142 – Religious Studies IV	X	
241 – Honors English IV		
242 – CP English IV – World Literature		
251 – AP English Literature		
541 – AP Calculus		
544 – Integrated Math		
551 – Honors PreCalculus		
577 – CP PreCalculus		
586 – Statistics		
587 – AP Statistics		

ELECTIVE COURSES – Choose four primary choices and three secondary choices

Course	Primary Choice	Teacher’s Signature	Secondary Choice	Teacher’s Signature
031 – Advanced Computer Applications for College				
100 – Christian Spirituality				
273 – Journalism				
275 – Journalism II				
274 – College Writing				
331 – Honors Spanish III				
341 – Honors Spanish IV				
371 – Honors French III				
381 – Honors French IV				
391 – Introductory German				
453 – Psychology				



The purpose of this course is to provide a solid foundation in grammar, structure and usage, writing, reading and critical thinking. The use of vocabulary in the context of literature as well as specific writing selections is stressed. There will be an emphasis on the writing process and the development of a well-written five-paragraph essay. Students will be introduced to the steps of writing a research paper. Through the study of literature by genre, students will enhance their comprehension and critical thinking skills. One summer reading with additional assessments is required. In addition, several outside readings will be required throughout the year.

**Academic English I**

**Required** grade 9

The purpose of the course is to provide a solid foundation in grammar, structure and usage, writing, reading, and comprehension. The use of vocabulary in the context of literature as well as specific writing selections is stressed. The writing process and the development of a well-written three-paragraph essay are addressed. Students will be introduced to the steps of writing a research paper. Through the study of literature by genre, students will enhance their comprehension skills and begin to use critical thinking skills. One summer reading with additional assessments is required. In addition, several outside readings will be required throughout the year.

**Composition Skills**

**Elective** grade 9

Emphasis will be placed on reading skills, reading comprehension, organizational skills, note-taking, and writing skills. These skills will be developed by using the students' normal course work and additional reading and exercises found in the textbook and workbook as a basis for skills practice. Subject teachers are consulted and provide practice exercises for material being studied in the other disciplines. Some homework time is also provided on an as-needed basis. Students are expected to complete all class practice assignments to receive credit for this course. In lieu of midterm and final exams, projects will be assigned.

**Honors English II/American Literature**

**Required** grade 10

Prerequisite: An "A" average in English I CP/ a "B+" average in English Honors I and/or department recommendation.

In addition to the requirements of English II/American Literature, strict structural analysis of literature will be developed. Stress will be placed on the analytical development of writing through literature. Two summer readings with additional assessments are required. In addition, several outside readings will be assigned throughout the year.

**College Prep English II/ American Literature**

**Required** grade 10

The purpose of this course is to continue the development of writing skills and grammar. Analytical writing procedures will be emphasized. Students will be expected to produce research papers from the literature of American authors during the school year. Process writing and peer editing will be utilized. Continued emphasis is placed on writing and vocabulary in the context of literature as well as specific writing selections. One summer reading with additional assessments is required. In addition, several outside readings will be assigned during the school year.

**Academic English II/American Literature**

**Required** grade 10

The purpose of the course is to continue the development of a solid base of writing skills and grammar. Analytical writing skills will be emphasized. Students will be expected to produce a research paper using a specific format during the second semester. There will be continued work in vocabulary in the context of the literature and student writing. Process writing and peer editing will be utilized. Vocabulary prep for SATs will be introduced. Students will be required to complete one outside reading during the summer and an assignment related to the reading. In addition, several outside readings will be assigned throughout the year.

**Honors English III/ British Literature**

**Required** grade 11

Prerequisite: Department recommendation and/or "A" average in English II CP/"B+" average in English II Honors.

The purpose of this course is to read and interpret various themes and styles of prose and poetry of British writers. The course stresses analytical thinking and dynamic writing about literature, close analysis of text, a deep understanding of literary devices, the use of rhetoric in texts, and the college application and writing process. The research paper is reviewed and students are required to produce research papers from the literature of British authors. Continued emphasis is placed on writing and vocabulary in the context of literature as well as specific writing selections. Two summer readings will be required. In addition, several outside readings will be assigned throughout the school year.

**College Prep English III/ British Literature**                      **Required**                      grade 11

The purpose of this course is to read and interpret various themes and styles of prose and poetry of British writers. The course stresses analytical thinking and writing about literature as well as the college application and writing process. The research paper is reviewed and students are required to produce research papers from the literature of British authors. Continued emphasis is placed on writing and vocabulary in the context of literature as well as specific writing selections. One summer reading is required. In addition, several outside readings will be assigned throughout the school year.

**Advanced Placement English Literature and Composition**    **Required**                      grade 12

Prerequisite: Department recommendation and/or a minimum “A” in English III Honors.

Student must display an exceptional ability in the area of English. Reading and writing proficiency must be established and the student must be self-motivated.

This course contains intensive writing and close textual analysis of prose as well as poetry. The selection of literature is drawn from all genres, periods, and cultures. Limited class size and seminar format enable students to contribute ideas, opinions, and judgments. Peer editing and teacher-student conferencing are an integral part of this course. Students are required to write numerous research and analytical papers throughout the year. Intense poetry analysis is also done. The course prepares the students to take the Advanced Placement exam in May. Upon successful completion of this course and the required score on the AP exam, college credit may be issued by many colleges and universities. A more challenging summer project is required.

**Honors English IV/World Literature**                      **Required**                      grade 12

Prerequisite: Department recommendation and/or “A” average in CP English III/”B+” average in English Honors III.

In addition to the requirements of English IV/World Literature, strict structural analysis of literature will be developed. Stress will be placed on the analytical development of writing through literature. Two summer readings with additional assessments are required. In addition, several outside readings will be assigned throughout the year.

**College Prep English IV/World Literature**                      **Required**                      grade 12

The purpose of the course is to read and analyze various themes and styles of prose and poetry of world writers. The course stresses analysis and interpretation as well as discussion. Students are expected to successfully complete research papers. All types of essays based on the literature are developed. A continuation of vocabulary is studied in the context of the literature as well as specific writing selections. One summer reading with additional assessments is required. In addition, several outside readings will be assigned throughout the year.

**Journalism**    **Elective**    grades 11 & 12

Prerequisite: By recommendation of English teacher and C+ average in English. Computer skills are required. In lieu of midterm and final exams, projects will be assigned.

This elective course is designed to have students explore the world of journalism with hands-on experience in creating the school yearbook and newspaper. Deadlines are an extremely important part of the field of journalism and must be strictly adhered to in this class. Students must be computer literate and able to

navigate through new programs. Class will learn journalism procedures, copy fitting, photography, editing, layout, and design procedures.

**Journalism II**

**Elective**

grade 12

Prerequisite: Journalism I and by recommendation of English/Journalism teachers and C+ average in each class. Computer skills are required.

This class is designed to be a follow up to Journalism I. The curriculum is similar but will be modified to fit the advanced needs of the Journalism II student. Projects and assignments will be altered to enhance the knowledge previously acquired.

**Introduction to College Writing**

**Elective**

grade 12

*This is a freshmen college course, and accordingly will be taught at that level. Students successfully completing this course will earn three college credits, pending approval from St. Peter's College.*

Prerequisite: By recommendation of English teacher and/or C+ average in English.

This elective course is designed to focus on instruction and practice in writing essays with special emphasis on individual development and grammar review. Course requirements include several types of essays, oral presentations, and an extensive MLA-style research paper. Teaching strategies will include peer editing and group discussion.

**MATHEMATICS DEPARTMENT**

**Honors Algebra I / Geometry**

**Required**

grade 9

This course will be a rigorous approach to the following topics: all operations with polynomials, the solving of inequalities, solving of absolute-value equations and inequalities, systems of equations, solving quadratic equations, problem-solving, linear functions, factoring, graphing, all operations of radicals, measuring angles and segments, geometric figures, all types of transformations, investigating various triangles and polygons, finding perimeter and areas of polygons and circles, finding lateral area, surface area and volume of solid figures, parallel and perpendicular lines related to angles, proving triangles congruent, investigating right triangle trigonometry and investigating various segments, lines and angles related to the circle. It will be an intense study of the Geometry concepts interwoven with Algebra concepts.

**College Prep Algebra I**

**Required**

grade 9

This is a college prep course covering the following topics: operations with real numbers, order of operations, simplifying expressions, all operations with polynomials, factoring, graphing, solving of linear and absolute value equations and inequalities, systems of equations, and functions up to and including quadratics.

**Academic Algebra I**

**Required**

grade 9

This course covers the following topics: integers, linear and absolute value equations, inequalities, polynomials, factoring and graphing.

**College Prep Geometry**

**Required**

grade 10

Prerequisite: a "C" average in Algebra I or an "A" average in Academic Algebra I with department approval. This is a college prep course covering the following topics: inductive and deductive reasoning, measuring and constructing angles and segments, geometric figures, types of transformations, investigating various triangles and polygons, finding perimeter and areas of polygons and circles, finding lateral area, surface area and volume of solid figures, parallel and perpendicular lines related to angles, proving triangles are congruent, investigating right triangle trigonometry and various segments, lines and angles related to a circle.

**Academic Geometry**

**Required**

grade 10



This course is a study of an introduction to Statistics, descriptive statistics, probability, Normal distributions, variance and standard deviation, hypothesis testing, and correlation and regression. Included within the course will be a variety of real-life applications.

**Integrated Mathematics**

**Required**

grade 12

**Prerequisite:** Successful completion of Algebra I, Algebra II and Geometry

This course is a study of polynomial and rational expressions, complex numbers, relations and functions, exponential functions, basic trigonometry, matrices, sequences and series, problem solving applications including networks and patterns. It will also include a review of Algebra and Geometry in preparation for the college placement test.

**MUSIC DEPARTMENT**

**Music Discovery**

**Required**

grade 9 quarter course

This single quarter course is an introduction to the elements of music theory and basic creativity. A brief history of the roots of Jazz will also be explored. Assessment will be determined through projects, presentations, individual work, group work, and tests. This course is part of the Freshman Life Skills Cycle.

**Music Understanding and Application**

**Elective**

grades 11 & 12

POSSESSION OF MUSICAL INSTRUMENT IS **NOT** REQUIRED.

This course serves as a foundation for those students interested in pursuing and appreciating the study of music in an academic capacity. Jazz and World Music will be explored in a historical and applicable perspective. Additionally, the fundamentals of music theory, arranging, and performance will be examined in depth. Students will be assessed by a variety of projects, presentations, and conventional examination methods in lieu of mid-term and final exams.

**Music Performance Ensemble**

**Elective**

grades 11 & 12

Prerequisite: Permission of the music instructor

POSSESSION OF MUSICAL INSTRUMENT IS REQUIRED.

This music course focuses on instrumental performance in small and large group formats. There is a strong emphasis on the study and application of intermediate music theory through performance as well. Development of creative and technical abilities is a strong emphasis throughout the year. Students will be assessed by a combination of prepared and impromptu performances and conventional examination methods in lieu of mid-term and final exams. **Students will be required to participate in Christmas/Spring productions.**

**PHYSICAL EDUCATION/HEALTH DEPARTMENT**

**Physical Education I**

**Required**

grade 9 quarter course

Students in the 9<sup>th</sup> grade will take one quarter of Physical Education where they will be introduced to various components of exercise and learn the importance of being physically fit. All students are required to participate in the daily exercises. Also, during the course of the quarter, the students will be tested in the "Presidential Challenge". This course is part of the Freshman Life Skills Cycle.

**Physical Education II/Driver Education**

**Required**

grade 10

Driver Education will be offered for one quarter of the year. In this course, the student will be introduced to all driving related issues including the Highway Transportation System, the I.P.D.E. Process, maneuvering a vehicle, and how alcohol and drugs may affect driving experience. Students will prepare to take the NJ State Driving test which will allow them to prepare for a learners permit. The course is a 30 hour program which

makes the student eligible for driver education insurance discounts after they take the behind the wheel training.

The Physical Education part of the course will be offered three quarters of the year. Students will be introduced to various sports games and activities where they will learn skills and rules necessary to participate. Students will also learn the proper skills necessary to maintain a safe environment during Physical Education class. In lieu of midterm and final exams, projects will be assigned.

### **Physical Education III/Health**

**Required**

grade 11

Health will be required one quarter of the year. In this course, the students are introduced to basic first aid and safety skills related to accidents, sudden illness, disasters and home safety. Practical application of these skills instills knowledge and confidence in dealing with situations the students may face in the future. The students will learn how to perform the Heimlich maneuver and CPR chest compressions on adults and infants using the mannequins provided.

Students will also learn the importance of nutrition, exercise, self image and negative affects of drugs and alcohol. The Physical Education part of the course will be offered for 3 quarters of the year. This section of the course will reinforce the strategies and the rules of tournaments and sportsmanship. In lieu of midterm and final exams, projects will be assigned.

### **Physical Education IV**

**Elective**

grade 12

Prerequisite: a minimum of an "A" in Physical Education III/Health.

Each student will have the opportunity to participate in sports, components of overall fitness, and physical activities that can be enjoyed now and in the future. In lieu of midterm and final exams, projects will be assigned.

## **RELIGION DEPARTMENT**

### **Religious Studies I**

**Required**

grade 9

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ and come to understand how Sacred Scriptures relate to their lives. They will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. Particular attention will be given to the Gospels, where students may grow to know and love Jesus Christ more personally. Also In this course students are introduced to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. They will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

Participation in Church/spiritual activities and service outside the classroom is required.

### **Religious Studies II**

**Required**

grade 10

The purpose of this course is to help the students understand the person of Jesus Christ and his mission which he carried out on earth and is fulfilled through the Paschal Mystery. Further, they will learn that for all eternity, God has planned for us to share eternal happiness with him and this is made possible through the saving work of Jesus Christ which continues in the Church through the Sacraments. They will come to understand that in the sacraments, they can encounter Christ in a full and real way, especially through the Eucharist, the "source and summit" of our faith. Through an examination of each of the sacraments, they will see the manner in which they can receive grace and grow in discipleship throughout their lives.

### **Religious Studies III**

**Required**

grade 11

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the sacred nature of the Church as founded by Christ through the Apostles and sustained by his Holy Spirit who works through the Magisterium. Students will study the manner in which the Catholic Church, founded by Christ, relates to non-Catholic Christians as well

as to other religions of the World and study the progress that has been made in Ecumenical efforts and dialogue. Finally, the students will come to understand the Church as the living Body of Christ, whose mission is carried forth in the world today through evangelization and works of charity in accord with Catholic Social Teaching, which is based on Christ's concern for others and the innate dignity of the human person.

**\*\*There is a 10 hour service requirement for all juniors.**

**Religious Studies IV: Morality, Family Life and Vocations Required grade 12**

The purpose of this course is to help the student develop and deepen his/her innate knowledge of the moral law in light of the teachings of Jesus Christ and His Church. As a way of fostering spiritual growth and maturity, the student will study the basis of morality as rooted in the personhood of each individual human being created in the image and likeness of God. Current social topics and the ethical response to each will be explored within the context of ever-widening relationships. The first semester will cover basic principles of Christian morality and the second semester will cover the application of those principles to the personal lives of the students as they begin to chart the course of their future.

**\*\*There is a 10 hour service requirement for all seniors.**

**The Junior and Senior Religion courses contain a Christian Service component. Juniors and Seniors are required to perform 10 hours of volunteer service during the course of their Junior and Senior years. Proposed service projects/services must be approved by the Religion teacher and the Religion Department Chairperson. If a student cannot arrange service hours outside the school, the Campus Ministry department and the Religion Department can assist the student in arranging his/her service. Service hours must be documented and validated by the person supervising the service. COMPLETION OF THIS SERVICE COMPONENT IS A REQUIREMENT FOR GRADUATION FROM CARDINAL MCCARRICK HIGH SCHOOL.**

**Religious Studies IV Elective: Christian Spirituality Elective grade 12**

Prerequisite: approval by Department Chairperson

Building on knowledge acquired in Religion I-III, this course is designed to develop in the student a deeper understanding of Catholic thought and worldview through a study of Christian spirituality found in the Tradition and history of the Church. This seminar style class will examine the writings of saints and holy people, spiritual classics (such as the Confessions of St. Augustine, Introduction to the Devout Life, and Story of a Soul), and Church documents. Through readings, discussion, and written reflections, the topics covered will be proposed as tools to enable the students to grow in prayer, actively live their faith, and respond to the universal call to holiness.

## **SCIENCE DEPARTMENT**

**Honors Biology (lab) Required grade 9**

Biology, the study of life, explores the major kingdoms, their interaction to each other and the environment. Topics include cells, genetics, diversity and continuity, biochemistry, and taxonomy. Students will learn through current events and technology, using critical thinking skills and applied knowledge. Both laboratory and computer activities will enhance the learning experience and stimulate discovery and inquiry.

**Biology (lab) Required grade 9**

Biology, the study of life, explores the major kingdoms and their interaction to each other and the environment. Levels of development from simple to complex, ranging from cells to systems, will be studied. Classifications determined through structure and function will be emphasized in the course. Current events

related to Biology will be discussed. Laboratory will enhance the understanding of concepts through experiments and contact with the organisms being studied.

**Honors Chemistry (lab)**

**Required** grade 10

Prerequisite: a minimum of a “B” in Honors Biology and “B” in Honors Algebra I/Geometry

Chemistry is the study of matter and the inherent properties of matter. The atom, stoichiometry, behavior of gases, solution chemistry, and acid/base chemistry will be explored. This course will include laboratory experiments that are designed to stimulate critical thinking. Honors Chemistry is designed to prepare a student for the pursuit of a science-related major in college.

**Chemistry (lab)**

**Required** grade 10

Prerequisite: Successful completion of Biology and Algebra I

Chemistry is the study of matter and the inherent properties of matter. The branches of chemistry, the atom, properties of ions, stoichiometry and solution chemistry will be explored in this course. An effort is made throughout the course to relate the studies to everyday experiences and products. This course will include laboratory experiments to reinforce the material covered in lecture.

**Honors Human Anatomy and Physiology (lab)**

**Elective** grades 11 & 12

Prerequisite: a minimum of a “C+” in Biology and “C” in Chemistry

This course is an introduction to Anatomy and Physiology. This course is geared to the student who is thinking of embarking on a career in the medical or biological field, but is also valuable to students with other interests. This course will review all systems of the body in detail along with the physiology of each system. The organ systems and their components will be explained through lecture, projects, reports and dissections. This course will include microbiology, the growth and examination of the cells, and memorization is required for this course.

**Environmental Science (lab)**

**Elective** grades 11 & 12

Prerequisite: Successful completion of both Biology and Chemistry

The Earth will be studied as a single interacting unit and the relationships between organisms and the environment will be explored. Specific topics will include the history of environmental science, biodiversity, sustainability, stewardship, cycles, food webs, endangered species, biomes, population from the Catholic perspective, environmental health issues, air pollution, waste management, energy, ethics, law, current issues in environmental science and careers. This course will include projects, laboratory and field experiences.

**Honors Physics (lab)**

**Elective** grades 11 & 12

Prerequisite: College Prep or Honors Algebra II (may be taken simultaneously). Physics is recommended for anyone planning on pursuing a science or engineering program in college. It is also highly encouraged for those who are undecided or may go into management fields. The core of the program involves vector analysis, motion in one and two dimensions, projectile motion, energy and forces. Specialty areas of physics that are covered include Thermodynamics, Fluid Mechanics, Vibrations and Waves, and Electromagnetism. One major lab or project each marking period provides hands-on experience in demonstrating and using learned concepts.

**Advanced Placement Biology (lab)**

**Elective** grade 12

Prerequisite: a minimum of an “A” in Honors Anatomy and Physiology and Science Department approval

The AP Biology course is designed to be the equivalent of a two-semester college introductory course; therefore independent study will be required. AP Biology will include topics regularly covered in a college biology course for majors. This will provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The course prepares the students to take the Advanced Placement exam in May. Upon successful completion of this course and the required score on the AP exam, college credit may be issued by many colleges and universities.

## **SOCIAL STUDIES DEPARTMENT**

### **Honors World History**

**Required**

grade 9

This course studies the major events which influenced the shaping of our modern world. A survey of ancient civilizations is followed by a study of classical Greece and Rome, leading to an examination of Medieval Europe, the Renaissance, the Reformation, the Enlightenment, nationalism, imperialism, total war and the modern world. Western civilization is emphasized, but the course devotes time to major events in Asia, Africa, and Latin America. Students will examine world history through a variety of media, and be required to read two major historical works. Examinations, presentations, and essay writing is used in assessments that emphasize critical thinking skills.

### **College Prep World History**

**Required**

grade 9

This course studies the major events which influenced the shaping of our modern world. A study of classical history is followed by a look at Renaissance, the Reformation, the Age of Exploration, Absolutism, The Enlightenment, nationalism, imperialism, total war and international dependency. Western Civilization is emphasized, but the course examines changing conditions in Asia, Africa, and Latin America and their impact on Western Civilization. Special emphasis is given to the need to understand and accept cultures which are different from our own. This course also serves as an introduction to skill development and value clarification in the area of Social Studies.

### **Academic World History**

**Required**

grade 9

This course studies the major events which influenced the shaping of our modern world. A study of classical history is followed by a look at the Renaissance, the Reformation, the Age of Exploration, nationalism, imperialism, total war and international dependency. Western Civilization is emphasized, but the course examines changing conditions in Asia, Africa and Latin America and their impact on Western Civilization. Special emphasis is given to the need to understand and accept cultures which are different from our own. Emphasis will be placed on the reinforcement of basic skills and students will be introduced to value clarifications in the area of Social Studies.

### **Honors United States History I**

**Required**

grade 10

Prerequisite: An "A" average in World History/a "B+" average in World History Honors and/or department recommendation.

This course traces the development of our nation's history from the origins of the American Revolution to the Reconstruction. Students will examine critically the major issues of the period. Critical thinking and geography skills will be emphasized. Students will be required to present oral reports, examine primary sources, as well as to write essays for the evaluation process.

### **College Prep United States History I**

**Required**

grade 10

The course traces the development of our nation's history from the origins of the American Revolution to the Reconstruction, giving knowledge of the events involved, while reinforcing certain skills from freshman year, and clarifying a value system useful in a democratic society.

### **Academic United States History I**

**Required**

grade 10

Students will explore the important issues surrounding the developments in American history from the Revolution to the Reconstruction. Writing will be emphasized. Students will be expected to give clear and concise explanations of major historical events studied. Basic skills will be stressed.

**Advanced Placement U.S. History****Elective**

grade 11

Prerequisite: an “A” average in United States Honors History I and department recommendation.

United States History will be explored in more depth from the colonial period to the present with an emphasis on major themes. Students will become more knowledgeable in their use of primary sources, including documents, maps, statistical tables, and pictorial and graphic evidence of historical events. There will be extensive practice in writing free response essays, document based essays, and in answering multiple choice questions of Advanced Placement level. This course prepares students to take the Advanced Placement exam in May. Upon successful completion of this course and the required score on the AP exam, college credit may be issued by many colleges and universities.

**Honors United States History II****Required**

grades 11 &amp; 12

Prerequisite: An “A” average in US History I/ a “B+” average in US History I Honors and/or department recommendation.

This is a continuation of U.S. History I focusing on the 20<sup>th</sup> Century. Among the topics to be discussed are: American foreign policy, World War I, the Depression, the rise of dictatorships, World War II, the Cold War, the Sixties, the Civil Rights Movement, the Vietnam War, and the America of the 80’s and 90’s. Current events will be discussed. An emphasis will be placed on critical thinking and geography skills.

**College Prep United States History II****Required**

grades 11 &amp; 12

This is a continuation of U.S. History I focusing on the 20<sup>th</sup> Century. Topics to be discussed are: American foreign policy, World War I, the Depression, Rise of Dictatorships, World War II, the Cold War, the Sixties and the Civil Rights Movement and Vietnam. Current events will be related to the topics discussed.

**History through Film****Elective**

grade 12

Like written history, contemporary Hollywood feature films are an interpretation of their society. They too may be considered historical evidence, for they share some properties with written history. Like traditional historical materials such as diaries and newspapers, contemporary films reflect the society that produced them and the societies they are about. In this course we will examine films which highlight significant events in the history of the world, separate fantasy from fact and attempt to determine whether or not a film itself is a valid piece of historical evidence. In addition, we will touch on the history of Hollywood and the motion picture industry itself and examine the changes in film technology, techniques, and special effects.

**Criminal Law****Elective**

grades 12

The course will investigate the basic concepts of crime and criminal justice. Students will focus on such topics as: search and seizure, the rights at arrest, due process, punishment, juvenile crime and famous court cases.

**Psychology****Elective**

grade 12

This course explores the research and theories of a wide range of scientists and practitioners of behavioral, developmental and physiological psychology. Topics will be explored in the context of research methods, case studies, lecture, and discussion.

**Sociology****Elective**

grade 11

Challenging students to pose their own questions about today’s society and to think critically about the world in which they live are the main objectives of the course called *Sociology*. Students will be introduced to various sociological theories and those individuals that have conducted various sociological studies. Among some of the topics that will be discussed will be social structure and social interaction, culture and socialization, global stratification, sex and gender and social networks to name a few.

**The Western Tradition****Elective**

grade 12

*This is a freshman college course, and accordingly will be taught at that level. Students successfully completing this course will earn three college credits, pending approval from St. Peter's College.*

Prerequisites: A minimum of "B" average in World History, United States History I, United States History II/AP US History/or department approval.

This course is an examination of trends from classical Greece to the eighteenth century that created the Western World, enabling students to gain an in-depth understanding of Western Civilization from the political, intellectual, social, military, and economic perspectives. A study of classical history (emphasis on Ancient Greece and Rome) is followed by examination of the rise of Medieval Europe, the Renaissance, the Protestant Reformation, the Scientific Revolution, the Age of Exploration, the Age of Absolutism, the Enlightenment, the American and French Revolutions, and the Industrial Revolution. Teaching strategies will include lecture and discussion, small group and individual presentations, and various media. Students will develop critical thinking skills such as analysis, interpretation, and synthesis, and will utilize historical research skills using primary and secondary sources. Assessments will include examinations, essays, group and individual presentations, class participation, and homework assignments.

## **VISUAL ARTS DEPARTMENT**

### **Art Discovery**

**Required**      grade 9 quarter course

This course will expose students to the fundamentals of drawing from observation "Seeing" and recording accurately through exercises in drawing objects, environments and the human figure. The text will be "Drawing on the Right Side of the Brain." In lieu of midterm and final exams, projects will be assigned.

### **Themes and Foundations of Art**

**Elective**      grades 11 & 12

This course prepares students for the study of art through intensive practice looking at, discussing, studying and writing about art. Students learn the tools of art history, its terminology, and various critical and historical methodologies, studying work of all periods and cultures. Students will develop visual expression, skill in using various materials, growth of critical evaluative abilities and the use of technology for research and assignments. In lieu of midterm and final exams, projects will be assigned.

### **Two-Dimensional Design**

**Elective**      grades 11 & 12

Prerequisite: Themes and Foundations of Art

This course is a focused introduction to the two-dimensional plane and its elements. The first semester defines the terminology and sharpens the ability to discern and use the visual elements of point, line, shape and pattern. These fundamental elements are studied as independent units and brought together supporting and animating one another in a variety of formats. Skills in the use of black and white media such as inks and acrylic pigments, equipment including technical pens, brushes, drafting tools and the computer are developed in the first semester.

Second semester is devoted to the introduction and extended study of color. The major works of the semester are based in the use of acrylic paints and require skills of mixing and application. Other color mediums, such as collage, pastels, watercolors, and oil sticks are also explored. Color theories are discussed, projects requiring tinting, shading and toning clarify these basic concepts and master works of color are studied. Ideas and work developed in this class will be shared with other classes and put on the student's web page. In lieu of midterm and final exams, projects will be assigned.

### **Three Dimensional Design**

**Elective**      grades 11 & 12

Prerequisite: Themes and Foundations of Art

Introduction to concepts of mass, volume, space and the properties of three-dimensional form are included in this course. The introduction of three-dimensional webs and related terminology is combined with the instruction in the use of materials such as paper, wood, plaster, clay and the use of computer programs. Students develop the practical experiences needed to make objects which counteract and respond to forces and answer visual requirements. Students will have access to a new language as they learn to see, think and plan three-dimensionally. Although traditional methods of conceptualizing are used within a thorough visual

process, extensive computer work is involved and posted on the student's web page. In lieu of midterm and final exams, projects will be assigned.

**Foundations of Graphic Design**

**Elective**

grades 11 & 12

Prerequisite: Themes and Foundations of Art

This course is a survey of the development of graphic design from pictorial symbols of the Neolithic period to the computer technology of the present with emphasis given to writing, type and printing. Drawing techniques common to graphic design will be studied and skills in theoretical and practical design appreciation both by hand and on the computer will be developed. Students will also learn how to use typography in current technology with an emphasis on retaining the expressive power of type in today's computerized formats. In lieu of midterm and final exams, projects will be assigned.

**Portfolio I, II**

**Elective**

Portfolio I grades 11 & 12  
Portfolio II grade 12

Prerequisite: Permission of the department.

This course is only for students who plan to pursue art in college. They will produce a body of work intended for eventual presentation in a school exhibition and college portfolio. Students will complete their visual works for a CD presentation. With guidance, the student is responsible for an exhibition site, curating, planning and installing his/her exhibition. The artist's statement and slide presentation of the work accompanies his/her exhibition. A computer will be used for the digital presentation. In lieu of midterm and final exams, projects will be assigned.

**WORLD LANGUAGES**

NOTE: ALL LANGUAGE COURSES MUST BE TAKEN IN CONSECUTIVE YEARS.

**French I**

**Elective**

grades 9, 10 & 11

Prerequisite: Students with a prior knowledge of French who wish to be considered for Level II are required to take the proficiency test and to achieve a score of 85 or above.

The language skills of listening and speaking are stressed throughout this beginning course. Communication in the language is the primary goal. Students are encouraged to communicate using common colloquialisms and idioms spoken by the French. Vocabulary building and the mastery of basic grammar are also important aims. As proficiency develops, students will master basic reading and writing skills. Various aspects of French culture are also presented and contrasted with our own.

**French II**

**Elective**

grades 10, 11, & 12

Prerequisite: Successful completion of French I

A continuation of French I emphasizes the language skills of listening and speaking as well as reading and writing, with communication in the language is the primary goal. Important aims are also increased vocabulary building, reading comprehension writing skills and intermediate grammar. French culture continues to be an integral part of this course.

**Honors French III**

**Elective**

grades 11 & 12

Prerequisite: Successful completion of French II with a minimum of a "C" average.

A continuation of French II is geared toward the more serious language student who has mastered the basics of listening, speaking, reading and writing in the foreign language. Communication on all levels is stressed.

**Honors French IV**

**Elective**

grades 11 & 12

Prerequisite: Successful completion of French III Honors with a minimum of a "C+" average.

