

COURSE OF STUDIES

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II. INTRODUCTION

Since one of the major goals of Regina High School is to prepare each young woman for the future, the school finds that planning and goal settings are extremely vital to each student's future. Therefore this booklet has been assembled so that the student can (a) review all the course offerings, (b) examine the minimum core, (c) look at specific Regina High School requirements and (d) make some definite decisions for her four-year course of high school study.

It is best for each student to look beyond the coming year and to try to gain a "whole picture" of all four years of high school. Therefore it is recommended that a four-year plan be worked out at the beginning of high school and reevaluated each semester.

Philosophy and Goals of Regina

Regina High School is a Catholic high school for young women sponsored by the Sisters of Notre Dame. Continuing in the Notre Dame tradition of academic excellence, Regina is a strong faith community which affirms the right of every student to develop her academic and creative potential through an education which is thorough, humanizing, and Christian. The faculty and staff strive to prepare each student for the challenges and realities of higher education and the workplace by offering them solid and diverse academic and extracurricular programs.

Within the multi-cultural student body, teachers and staff seek to promote in each student an appreciation for the diverse backgrounds of others. A young woman, in the single-sex environment of Regina, finds an avenue for growing in self-acceptance, for developing individual leadership styles, and for assuming responsibility for personal choices. Regina seeks to foster in each student mutual respect, service to others, and a commitment to living these values now and in her adult life.

Approved May, 1992; Reviewed September 2004

The student should:

- ! continue to deepen her faith life and form values based on the Gospel of Jesus.
- ! demonstrate respect for the dignity of all persons and the value of human life.
- ! increase her awareness and acceptance of her identity through an understanding and development of her learning styles.
- ! develop her critical thinking, creative thinking and problem-solving skills.
- ! foster the aesthetic dimension of her life.

- ! develop the technological competence necessary to enhance her learning capabilities.
- ! grow in her understanding, appreciation, and acceptance of human diversity in a multi-cultural society.
- ! seek to work for peace and justice in her church, civic community, and world.
- ! integrate all that she is learning as she develops an on-going wholistic understanding of life.

III. STUDENT STANDARDS AND REQUIREMENTS

1. Graduation Requirements:

Regina High School is fully accredited by the State of Ohio and by the North Central Association of Secondary High Schools. The following are the graduation requirements as prescribed by the State of Ohio and Regina High School.

26.5 units of credit (minimum) distributed as follow:

- 4 units of Theology
- 4 units of English
- 3 units of Social Studies
- 3 units of Math
- 3 units of Science
- 2 units of Foreign Language
- 1 unit of Health/Physical Education
- 1 unit in Computer Science
- .5 unit in Speech/Communications
- 1 unit in Fine Arts
- 4 units in Elective Courses
- NCProject REAL Portfolio (senior year)
- NCService Program (4 years)

2. Student Class Load:

Students are encouraged to take a full load according to their abilities. The schedule should allow no more than one study hall on a daily basis. Therefore, we require students to carry the following:

Freshman year:	7.25
Sophomore year:	6.25
Junior year:	6.50
Senior year:	6.50

3. College Requirements:

The Ohio Board of Regents Advisory Commission Articulation between Secondary Education and Ohio Colleges has RECOMMENDED the following as a college preparatory curriculum:

English:	4 units
Math:	3 units
Science:	3 units
Social Studies:	3 units
Foreign Language:	2 - 3 units
The Arts:	1 unit

4. Award of Merit:

At Graduation the State of Ohio issues an Award of Merit for what it recognizes as a "basic studies curriculum". The students who meet the following criteria will receive this certificate:

English	4 units
Mathematics	3 units including Algebra 1 and Geometry
Science	3 units including 2 units of Biology, Chemistry or Physics
Social Studies	3 units
Foreign Language	3 units
2 units of Business, Computer Science, Visual or Performing Arts	

Rank in the top 25% of the class and/or receive a 3.25 GPA for grades 9-12

5. Ohio Graduation Test (OGT):

By Ohio State Law, in order to receive a High School Diploma, students must pass all five sections of the Ohio Graduation Test (OGT). The test is administered for the first time to students in the spring of their sophomore year. These tests are in Reading, Writing, Mathematics, Science and Citizenship. Students who do not pass one or more sections can retake the sections missed every October and March until they pass.

6. Course Failures:

The policy of Regina High School concerning failures:

- ! If a student fails a required course during the academic year, she must retake the unit failed the following summer.
- ! If it is not a required course, but the student needs the credit for promotion to the next grade, she must elect a unit of equal credit for summer school the following summer.
- ! If a required course or required unit of credit is not made up the summer following

the academic year, the student may not return to Regina High School.

- ! Students who fail 3 or more semesters of required course work in the same school year must withdraw from Regina at the conclusion of the year.
- ! A senior who fails a required course for graduation during the first semester, must attend night school if she plans on graduating with her class in June. If academic requirements are not fulfilled by graduation, the student may not participate in the ceremony or receive a diploma. When the deficiencies are made up, the student will receive her diploma privately.
- ! If a student fails a class and it is not offered in summer school, she will be required to make it up during the next academic semester. The fee for repeating this course will be \$100.00. This charge is over and above tuition.

IV. HONORS PROGRAM

For those students who have demonstrated above average ability based on standardized test scores, accumulated grade point average, and classroom performance, Regina has a variety of Honors and Advanced programs.

1. Honors Courses

The English, Mathematics, Science and Social Studies Departments offer courses that challenge students to work independently and take on additional responsibility for their own learning. These courses help students to develop their critical thinking skills and to cover the material at higher cognitive levels of learning.

Course offerings include:

English Department: Honors Lit/Comp 1, American Writers and British Writers

Mathematics Department: Honors Algebra 1, Honors Geometry, Honors Algebra 2/Trig and Pre-Calculus

Social Studies: Honors United States History

Science Department: Honors Introduction Physics and Chemistry, Honors Biology, Honors Chemistry , Honors Chemistry II and Advanced Biology

All of these courses are weighted an additional .5 for a student=s Grade Point Average.

2. Advanced Placement Program

The Advanced Placement Program is a nationally recognized program sponsored by the College Entrance Examination Board that allows students to gain college credit through their participation in the Advanced Placement Testing Program. Acceptable scores enable students to earn college credit by demonstrating competence in freshmen college-level course work. Classes that are designated as AP classes

follow a curriculum that will enable students to gain mastery in the areas tested. Students may also take AP tests in classes that are not deemed AP classes if after conferring with the instructor a student is confident in her mastery of the material. In courses that are designated as AP, students take the AP exam in place of the semester final.

Designated AP courses are weighted an additional .5 for a student's Grade Point Average.

The following courses are designated as AP Courses: AP English 12, American History Seminar, German 4.

3. Notre Dame College Courses

Eligible juniors and seniors may enroll in classes at Notre Dame College. Students must demonstrate the capacity for college level work on a placement test administered by Notre Dame College. Students may take courses in a variety of departments: Art, Mathematics, Education, Social Sciences, Psychology. Students may take these courses during the regular school day if the courses fit into a student's schedule or they may take them in the afternoon or evening.

Students enrolled in AP English and American History Seminar are also eligible to receive college credit if they meet the standards adopted by Notre Dame College. This would be in addition to any Advanced Placement credits they receive.

Other post-secondary opportunities are provided by the Cleveland Institute of Fine Art and the Music Settlement. Students also may work on individual portfolios in these areas.

4. Accelerated Learning

Students who demonstrate above average math ability may accelerate their math program by beginning Geometry in the freshman year or by taking both Geometry and Algebra 2/Trig as sophomores. This enables students to take Calculus for college credit in their senior year.

Students who demonstrate above average science ability may accelerate their science program by (1) taking Biology in their freshman year or (2) taking more than one science in either their junior or senior year. This would enable students to gain 5 credits in science.

In order to begin Geometry or Biology as a freshman, students must take a department test.

5. Gifted and Talented Program

For students who have demonstrated above average scores on standardized testing and have demonstrated ability to work independently, Regina has established a gifted and talented program. In addition to test scores, students are selected on the basis of grade point average and teacher recommendation.

Sophomore Year: Creativity in the Arts

Credit: .50

Class Time: 3 x weekly

Participants in the Creativity in the Arts class will improve skills in the areas of divergent and creative thinking. Projects encourage the student to learn independently and solve problems in a more creative and critical way. The student will participate in activities which allows her to express ideas in oral and written work, and through a number of artistic media. The course meets 3 times a week and requires additional outside work. This course qualifies as a .50 credit in Fine Arts.

Junior Year: Shadowing

Credit:

.25

The Shadowing Project is an opportunity for a student to experience a particular career with a professional who is enthusiastic about his/her work. The student is required to spend at least 30 hours with the professional. In addition, each student is required to spend a minimum of ten hours on related projects and/or research. Contact time with the shadowing sponsor may occur during or after school. If a student has to miss classes, the student is responsible for making up the missed work. Each student is responsible for transportation to and from the shadowing site. The student is required to meet with the project coordinator to discuss the experience.

Senior Year: Mentorship

Credit:

.50 or 1

The extended shadowing program will offer the student the opportunity to experiment with a career and to learn first-hand from a professional about their chosen occupation. The student must develop an independent study proposal and present an end-project related to the experience. Students are required to spend at least 70 hours with the mentor. In addition, each student is required to spend a minimum of ten hours on related projects and/or research. Contact time with the mentor may occur during or after school. If a student has to miss classes, the student is responsible for making up the missed work. Each student is responsible for transportation to and from the mentoring site. The student is required to meet with the project coordinator to discuss the experience.

6. Study Abroad

Juniors enrolled in German 3 may study at Liebenfrauschule in Vechta, Germany during the first semester. Students stay with German families while attending Regina=s sister school in Germany. The goal of the program is to thoroughly acquaint students with the German language and culture.

7. Special Opportunities

Assistantships:

The Assistantship Program is a specialized Independent Study Program designed to allow students to gain further knowledge in a lab or activity situation. The assistant works under the direction of a teacher in order to reinforce and expand her knowledge and skills. The requirements are essentially the same as those for other educational options but also include the requirement that the student has successfully completed the course in which she will assist. Areas that would be possibilities for the program include: art, computers, physical education, mathematics, home economics and science. A student signs for this course in the fall of each year based on student and instructor schedule.

Educational Options:

Educational options, such as independent study and/or individual investigations, projects, etc. are available to students in every department. To participate in an educational option, students must submit a request to the principal so that all necessary state requirements are met.

Portfolio/Project REAL:

This is a required program for all seniors. It is a project designed for seniors to explore various careers by volunteering their services for a 40-hour period in a particular area of interest. It is expedited in cooperation with a school advisor and a career sponsor from an outside agency.

A Portfolio should demonstrate how a senior has excelled. It can be a valuable asset in applying for college and for potential internships and jobs. A Portfolio can serve to help set goals and is used as an evaluation of high school performance.

V. PROCEDURES FOR COURSE SELECTION

1. The specific program of studies which each student elects is determined in February/March. These pages contain the essential information needed for determining the 2006-2007 program. Study the offerings carefully. On a separate sheet, each student will list her course selections for the following year. Each sheet requires the signatures of the parent, and student. It also requires the approval of the guidance counselor. The courses elected now are binding since staffing is based on these selections and computer scheduling begins in early April.
2. All courses offered are described in the Course of Studies booklet.
3. Please use pencil and print all information requested on Course Selection form. **DO NOT USE PEN.** Be very clear in what you are circling.
4. Obtain signatures for all courses followed by a line. The grade requirement is based on three quarters of a respective course. Teachers may not sign conditionally.
5. Since it is not always possible to fit all the electives into a schedule it is necessary to indicate two alternatives that you would like to take if there is an unresolvable conflict.
6. The minimum course load for each grade level is:
9: 7.25 10: 6.25 11: 6.50 12: 6.50
7. Course changes will not be made once schedule forms are submitted.
8. The school reserves the right to cancel any course for which fewer than 20 students sign.
9. Please consider the course selection process very seriously. Consult course descriptions to make certain you have the requirements necessary for each course.
10. The completed course selection form is due to the Homeroom Teacher on or before:
March 1 for juniors
March 15 for sophomores
March 28 for freshmen
11. A \$50.00 registration fee is due at this time. No course forms will be processed until these payments are made.
12. If you are not returning to Regina for the 2007-2008 scholastic year, please sign the appropriate line on the course selection form with parental verification. The office will see that you receive an official withdrawal form.

F O U R Y E A R

FRESHMAN YEAR (6.75)

<u>Courses</u>	<u>Credit</u>	<u>or Courses</u>	<u>Credit</u>
1. Theology 9	1	1. Theology 9	1
2. Literature and Composition	1	2. English Skills	1
3. Introduction to Chemistry and Physics/Honors	1	3. Introduction to Chemistry and Physics	1
4. Math	1	4. Math	1
5. Health / P.E.	3/4	5. Health / P.E.	3/4
6. Modern Language	1	6. Reading Dynamics	1
7. Communication/Keyboard	1	7. Communication/Keyboard	1
8. Fine Arts/_____	.50	8. Fine Arts/_____	.50
Service Project Lunch	NC	Service Project Lunch	NC
Total Credits _____		Total Credits _____	

SOPHOMORE YEAR (6.25)

<u>Courses</u>	<u>Credit</u>
1. Theology 10	1
2. World Literature <u>or</u> American Writers	1
3. Biology/Honors Biology	1
4. P.E./Biology Lab	.25
5. Math	1
6. World Culture	1
7. Modern Language	1
Service Project Lunch	NC
Total Credits _____	

STUDENT PLAN

JUNIOR YEAR (6.50)

<u>Courses</u>	<u>Credit</u>
1. Theology 11	1
2. British Writers <u>or</u> American Literature	1
3. American History or AP American History	1
4. Math	1
5. Science	1
6. Lab 3 x per week	
7.	
8.	
Service Project Lunch	NC
Total Credits _____	

SENIOR YEAR (6.50)

<u>Courses</u>	<u>Credit</u>
1. Theology 12	1
2. British Literature <u>or</u> AP English	1
3. Government/Economics	1
4.	
5.	
6.	
7.	
8.	
Service Project Project REAL Lunch	NC NC
NC = No Credit	
Total Credits _____	

**REGINA HIGH SCHOOL
CURRICULUM CHART 2006-2007**

GRADE 9

REQUIRED COURSES

- Theology 9
- Literature and Composition or Honors Literature and Composition or
English Skills and Reading Dynamics
- Introduction to Physics and Chemistry or Honors Introduction to Physics and Chemistry
- Pre-Algebra, Algebra 1, Honors Algebra 1 or Geometry or Honors Geometry
- Health/Physical Education
- + Communications
- +# Keyboarding/Word Processing

ELECTIVE COURSES

- | | | |
|--------------------------|----|---------------|
| Art 1 | | German 1, 2 |
| +# Choral 1 | + | Music Theory |
| +# Computer Applications | +# | Orchestra |
| + Dramatic Arts | | Piano Lessons |
| + Exploratory Art | | Spanish 1, 2 |
| French 1, 2 | | |

REQUIRED CREDITS: 6.75

GRADE 10

REQUIRED COURSES

- Theology 10
- World Literature or American Writers
- * Biology or Honors Biology
- Physical Education
- Pre-Algebra, Algebra 1, Geometry, Algebra 2, or Honors Algebra 2/Trig
- World Culture

ELECTIVE COURSES

- | | | | |
|--------------------------------|----|-------------------------------|----------------|
| Art 1 | | French 1, 2, 3 | German 1, 2, 3 |
| Art 2 | # | Journalism/Desktop Publishing | |
| + Ceramics I | +# | Keyboarding/Word Processing | |
| +# Choral 2 | + | Music Theory | |
| +# Computer Applications | +# | Orchestra | |
| + Computer Presentations | | Peer Ministry | |
| + Consumer Economics | | Piano Lessons | |
| + Dramatic Arts | | Spanish 1, 2, 3 | |
| Creativity in the Arts Program | + | SAT/ACT Preparation | |
| + Exploratory Art | +# | Telecommunications and Beyond | |
| Engineering I and II | +# | Yearbook | |

REQUIRED CREDITS 6.25

CODE

- + = 1 semester; .50 credit
- # = 2 semesters; .50 credit
- * = 7 periods weekly

GRADE 11

REQUIRED COURSES

Theology 11
British Writers or American Literature
American History or AP American History

ELECTIVE COURSES

Art 1, 2, 3
* Honors Advanced Biology/Human Anatomy
Honors Algebra 2/Trigonometry
Algebra 1
Algebra 2
Assistantships
+ Ceramics I or II
* Chemistry I or Honors Chemistry I
+ Child Development
+# Choral 3
+# Computer Applications
+ Computer Presentations
+ Consumer Economics
+ Contemporary Cooking
+ Dramatic Arts
Environmental Science
+ Exploratory Art

REQUIRED CREDITS: 6.50

French 1, 2, 3, 4
Geometry,
German 1, 2, 3, 4
Introduction to Engineering/Architecture I and II
+# Journalism/Desktop Publishing
+# Keyboarding/Word Processing
+# Telecommunications and Beyond
+ Music Theory
+# Orchestra
+ Peer Ministry
+# Advanced Physical Education
Piano Lessons
Honors Pre-Calculus
Probability, Statistics
+ SAT/ACT Preparation
Shadowing
Spanish 1, 2, 3, 4
Trig. and Analytical Algebra
+ Women's Issues
+# Yearbook

GRADE 12

REQUIRED COURSES

Theology 12
British Literature or AP English

ELECTIVE COURSES

Art 1, 2, 3, 4
* Honors Advanced Biology/Human Anatomy
Honors Algebra 2/Trig
Algebra 1, 2
Assistantships
+ Ceramics I or II
* Chemistry I or Honors Chemistry I
+ Chemistry II; A, B
+ Child Development
+#Computer Applications
+ Computer Presentations
+ Consumer Economics
+ Contemporary Cooking
+#Choral 4
+ Dramatic Arts
Environmental Science
+ Exploratory Art
French 1, 2, 3, 4
Geometry
German 1, 2, 3, 4

REQUIRED CREDITS: 6.50

Government/Economics
Project REAL/Portfolio

Introduction to Engineering/Architecture I and II
+#Journalism/Desktop Publishing
+#Keyboarding/Word Processing
+#Telecommunications and Beyond
Mentoring
+ Music Theory
+#Orchestra
+ Peer Ministry
+# Advanced Physical Education
* Physics
Honors Pre-Calculus
Piano Lessons
Probability, Statistics
+ SAT/ACT Preparation
Seminar in AP American History
Spanish 1, 2, 3, 4
Trig. and Analytical Algebra
+ Women's Issues
+# Yearbook

CODE

+ = 1 semester; .50 credit
= 2 semesters; .50 credit

* = 7 periods weekly

004 ART IV

Credit: 1 Class Time: 5 days/week 2 semesters
Requirements: Art III / Recommendation of teacher
Grade Level: 12 Fee

In this elective, the student will work independently in areas of interest decided in cooperation with the instructor. Choices may include drawing in various media, painting, printmaking, textiles, sculpture and photography.

006 CERAMICS I

Credit: .50 Class Time: 1 semester, daily
Requirements: None Fee
Grade Levels: 10, 11, 12

This elective introduces the student to the fundamental techniques of hand building pottery and the potter's wheel. The varied projects may include pots, sculpture, and other decorative and functional pieces.

008 CERAMICS II

Credit: .50 Class Time: 1 semester, daily
Requirements: None Fee
Grade Levels: 10, 11, 12

This elective will allow the Pottery I student to further develop her skill through a series of advanced hand built and wheel-thrown projects. Each student will be encouraged to explore her creativity as she develops a personal working style.

BUSINESS / COMPUTER SCIENCE DEPARTMENT

760 CONSUMER ECONOMICS

Credit: .50 Class Time: Daily, 1 semester
Requirements: None
Grade Levels: 10, 11, 12

This course enables a student to operate intelligently and efficiently as a member of society. It should enable her to understand our economic system and the interrelationships of the individual consumer with business and government. There is a special emphasis on the topics of advertising, automobile ownership, insurance, banking services, maintaining a checking and savings account, and shopping for food, clothing, and housing.

761 KEYBOARDING/WORD PROCESSING

Credit: .50 Class Time: Daily, 1 semester
Requirements: None 3x/week, 2 semesters
Grade Level: 9 Fee

Keyboarding/Word Processing is designed for students to develop and utilize the skill of word processing that is needed by all in today's world. In this course, for personal and college use, students learn the keyboard and word processing techniques for typing essays, reports, personal and business letters, and term papers. This course is required of all freshmen. A freshmen may test out of the course if they meet designated requirements. A time for testing is set up before final scheduling is complete.

767 COMPUTER APPLICATIONS

Credit: .50 Class Time: Daily, 1 semester
Requirements: None 3x/week, 2 semesters
Grade Level: 9, 10, 11, 12 Fee

This course is designed to teach a student how and when to use several types of computer software. A student should find these types of computer programs useful in the balance of her educational career and outside the academic world. The types of computer programs used include word processing, data bases, spread sheets, and graphics.

768 TELECOMMUNICATIONS AND BEYOND

Credit: .50 Class Time: Daily, 1 semester
Requirements: None
Grade Level: 10, 11, 12 Fee

This course explores the future of computing, including the effects on computers of various technological developments, the career possibilities created by computers, and the social and ethical

consequences of living in a computerized society. Students will discover that technology's future capabilities are endless in performing an ever-increasing and varied number of tasks.

769 COMPUTER PRESENTATIONS

Credit:	.50	Class Time:	Daily, 1 semester
Requirements:	None		
Grade Level:	10, 11, 12	Fee	

This course covers the planning, composing, and creating of professional high-quality presentations. Power Point will allow students the utilization of multimedia to design powerful, impressive presentations especially tailored with the text and visual elements expected from today=s high-tech audiences. Presentation features can include automatic design, graphing systems, inclusion of color, slide creation and animation to produce effective dynamic visual and audio displays.

ENGLISH DEPARTMENT

205 READING DYNAMICS

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Placement by Guidance and English Department
Grade Levels: 9 Fee

Reading Dynamics is a freshman course required for the improvement of basic skills involved in reading and thinking. Emphasis is placed on reading comprehension, vocabulary development, content study skills, and flexible reading skills. The primary goal is to enable the student to improve reading and study skills in order to be better prepared for her high school classes. This course complements the English Skills course and is to be taken in conjunction with it.

215 ENGLISH SKILLS

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Placement by Guidance and English Department
Grade Level: 9

English Skills is a course designed to provide a variety of language experiences which give the student more facility and confidence in using English. Emphasis is placed on improving the basic skills needed in writing, speaking, and reading English correctly. A student who takes English Skills in 9th grade is not eligible to take a modern language until the 10th grade. This course complements the Reading Dynamics course and is to be taken in conjunction it.

216 LITERATURE AND COMPOSITION

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Placement by Guidance and English Department
Grade Level: 9

Literature and Composition is the regular freshman English course. In this course the student develops the skills of oral and written communication, through the study of literature, composition and vocabulary, and multiple intelligence presentations. The analysis of literature provides the basis for the student to discuss and appreciate literature, as well as to write about literature in the expository and creative modes.

210 HONORS LITERATURE AND COMPOSITION

Credit 1 Class Time: Daily, 2 semesters
Requirements: Placement by Guidance and English Departments
Grade Level: 9 Weighted Grade: .5

This course introduces students to the basic literary genres and challenges them to apply advanced critical thinking skills to the analysis of literature. In addition to developing a more mature vocabulary, students in this course will be required to write several multi-paragraph expository essays. Superior comprehension skills and strong expository writing skills are pre-requisites for success.

220 AMERICAN WRITERS

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Recommendation by English Department
Grade Level: 10 Weighted Grade: .5

Sophomores who excel in Honors Literature and Composition and meet the criteria for the Advanced Placement Program in English continue in the American Writers course in the sophomore year. The course offers an interpretation of the American spirit by the study of the country's outstanding writers from colonial times to the present. The student develops insight and independent thinking through an emphasis on the critical skills of reading, logical reasoning, and analytical writing, and expresses those skills in written and oral expression, including multiple intelligence presentations.

226 WORLD LITERATURE

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Placement by English Department
Grade Level: 10

World Literature is the regular sophomore English course. In this required course, the student becomes more competent in oral and written communication and develops the ability to produce effective and correct sentences, clear and well-organized paragraphs, and coherent and unified themes. In addition, the course reviews the mechanics of the English language and develops vocabulary-building skills. The student studies the best of current and more traditional world literature.

230 BRITISH WRITERS

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Recommendation by English Department
Grade Level: 11 Weighted Grade: .5

This honors course is open to all juniors who have excelled in American Writers and who meet the criteria for Advanced Placement Program in English. It offers an interpretation of the British spirit by the study of the country's outstanding writers from the Anglo-Saxon to the Modern Periods. It builds on the critical skills of reading, logical reasoning, and analytical writing introduced in American Writers. It encourages the development of insight and original thought through oral and written expression.

236 AMERICAN LITERATURE

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Placement by English Department
Grade Level: 11

In this course, the student becomes acquainted with several major themes in American literature, and focuses her study on some significant representative authors and their works. This course also develops in the student an appreciation of the American literary heritage as well as the values inherent in our country's literature. Emphasis is given to critical and creative thinking, as well as further development of skill and maturity in the use of language, both oral and written.

240 AP ENGLISH

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Recommendation by English Department
Grade Level: 12 Weighted Grade: .5

Enrollment in this Advanced Placement English course is limited to the student whose achievement has prepared her for Advanced Placement work. The course develops skills in research and prepares the students for Advanced Placement Examination, focusing heavily on writing. The content of the course includes close-text reading and in-depth study of selected British, American, and world writers of literary merit. Anyone enrolled in the course is expected to take the National College Board Advanced Placement Examination in Literature and Composition.

246 BRITISH LITERATURE

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Placement by English Department
Grade Level: 12

In this course the senior student becomes acquainted with some of the major representative works of English literature and how they reflect the historical time period, develops an appreciation for the values inherent in the literature, and attempts to strengthen her effectiveness in oral and written communication, particularly in essays and the research paper.

278 DRAMATIC ARTS

Credit: .50 Class Time: Daily, 1 semester
Grade Level: 9,10,11,12

Dramatic Arts is a course designed to acquaint students with the fundamentals of theater and the performing arts. The course emphasizes performance skills including movement, oral interpretation, and characterization. Technical aspects of theater such as make-up and costuming are included. The student will gain an appreciation of many aspects of the performing arts as well as a basic knowledge of theater history.

288 COMMUNICATIONS

Credit: .50 Class Time: Daily, 1 semester
Grade Level: 9

This course aims to develop effective oral communication. The student learns the principles of communication which include intrapersonal, interpersonal, group, and public communication skills, listening skills, and oral interpretation. The course helps the student to evaluate situations in communication and to become an effective oral communicator. It is required for graduation.

078 ADVANCED PHYSICAL EDUCATION

Credit: .25

Requirements: Signature of Phys Ed Teacher

Grade Levels: 11,12

Class Time: 2/3 x week, 2 semesters

Or Daily, 1 semester

This course is designed for 11th and 12th grade students who want to further their skill development and knowledge in Physical Education. This course focuses on advanced skill development, offensive and defensive strategies, coaching and basic officiating. The teacher and student will decide their course work. They will choose a combination of team sports, individual sports, rhythmic activity, fitness and strength activities.

INTERDISCIPLINARY COURSES

007 YEARBOOK

Credit:	.50	Class Time: 2 semesters daily or
Requirements:	Signature	5 days/week 1 semester
Grade Levels:	10, 11, 12	or 3 days/week 2 semesters

In this course the student determines theme, content, cover design, develops and researches copy and provides headlines and captions. The student will learn to think visually through page layout and basic design concepts, produce great action/reaction packed photographs, and provide interesting graphics with computer-aided design. A working knowledge of PageMaker, Yeartech, and Desktop Publishing will enhance job resumes or college applications and provide a valuable future skill. The student interested in art, graphic design, journalism, creative writing, or photography should consider this class.

765 DESKTOP PUBLISHING / JOURNALISM

Credit:	.50	Class Time: Daily 1 or 2 semesters
Grade Level:	10, 11, 12	3 x week 2 semesters

This course will teach students the skills involved in journalistic writing, as well as the skills needed for desktop publishing. Included in the course will be direct experience in the actual production of the school newspaper. The course will be geared to students who are proficient at writing, interested in careers in communication, and desktop publishing.

299 SAT/ACT PREPARATION

Credit:	.50	Class Time: Daily, 1 semester or 3 x week 2 sem.
Requirements:	None	
Grade Level:	10, 11, 12	

This is an elective online course which will stress preparation for college entrance exams. It helps students preparing for the PSAT, SAT, and ACT tests. The class focuses on test taking skills and critical thinking skills in addition to the math and verbal content included in these types of tests. Although a course cannot guarantee higher scores, it does help students prepare for college entrance tests.

760 Introduction to Engineering/Architecture

Credit:	1.00	Class Time: Daily, yearly
Requirements:	Completion or concurrent Enrollment in Algebra 2/Trig	
Weighted:	.5	
Grade Level:	10,11, 12	

This is an elective course which will introduce students to the fields of engineering and architecture. Students will be introduced to Computer Assisted Drafting (CAD) and design and space relations. Applied physics concepts will also be an essential aspect of the course.

759 Pre-Engineering II

Credit:	1.00	Class Time: Daily, yearly
Requirements:	Completion or concurrent Enrollment in Algebra 2/Trig	
Weighted:	.5	
Grade Level:	10,11, 12	

This is an elective course to provide an introduction to the field of Engineering. This course may be taken prior to Introduction to Engineering or concurrently. Students will work on projects designed to further their study of engineering. The Infinity Project will be incorporated into the course. This is a national high school and college math and science-based engineering and technology education initiative created to help students see the value of math and science and its varied applications to high tech engineering. There will be opportunities to work on participating in innovative vehicle designs, robotic projects and additional Computer Assisted Drafting projects.

This course is designed for those students who have shown an above average aptitude for algebraic concepts and problem solving. Through a proof oriented approach to geometry, the student will strengthen both her inductive and deductive reasoning skills. Many of the algebraic concepts introduced in Algebra 1 will be incorporated through the emphasis on coordinate geometry as a method of proof. This Geometry course meets the prerequisite for Algebra 2/Trig.

726 GEOMETRY

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Completion of Algebra 1
Grade Levels: 10, 11, 12

The Geometry student observes, reasons, and computes with basic geometric figures. These include points, lines, and planar figures in space. The student also has many opportunities to develop powers of deductive reasoning and logical thought.

731 HONORS ALGEBRA 2/TRIGONOMETRY

Credit: 1 Class Time: Daily, 2 semesters
Requirements: B in Algebra 1/Signature
B in Geometry/Signature Weighted Grade: .5
Grade Levels: 10, 11

This elective course is offered to juniors and in special cases to sophomores who have an ability to deal effectively with abstract mathematical concepts. The student explores the complex number system, coordinate geometry, and functions: linear, quadratic, exponential, logarithmic, and trigonometric. Emphasis is placed on problem solving. The student completing Algebra 2/Trigonometry successfully has the background necessary for Pre-Calculus.

736 ALGEBRA 2

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Completion of Algebra 1 and Geometry
Placement by Department
Grade Levels: 11, 12

Algebra 2 is an elective course for the junior or senior who wishes to strengthen her algebraic skills as a preparation for college mathematics. It extends the notion of a variable to a formal study of relations and functions. The system of real numbers is used extensively in the study of these relations and functions including an introduction to complex numbers. Linear, quadratic, exponential and logarithmic functions are emphasized as well as the skills essential to manipulating them. Applications of these functions in problem solving is also included. The Algebra 2 course does NOT fulfill the requirement for Pre-Calculus.

741 HONORS PRE-CALCULUS

Credit: 1 Class Time: Daily, 2 semesters
Requirements: B in Algebra 2/Trig/Signature Weighted grade: .5
Grade Levels: 11, 12

This course is offered to the student who has successfully completed Algebra 2/Trigonometry. It is intended to prepare the student for science and business majors. Content includes a thorough review of trigonometry and a development of analytic geometry, functions, limits, graphs of functions and applications to real life problems.

743 PROBABILITY, STATISTICS, LOGIC AND MATHEMATICAL SYSTEMS

Credit: 1 Class time: Daily, 2 semesters
Requirements: Completion of Algebra 1 and Geometry
Grade levels: 11, 12

This course is intended for students who require a broad-based general overview of mathematics, especially those who want to major in the liberal arts, elementary education, the social sciences, business, nursing, and allied health fields in college. Topics covered are sets, number theory, number systems, mathematical systems, logic, probability and statistics.

746 TRIG AND COLLEGE ALGEBRA

Credit: 1 Class Time: Daily, 2 semesters
Requirements: Algebra 2/signature
Grade Levels: 11, 12

This elective course is offered to juniors and seniors who desire an intensive knowledge of trigonometry, as well as an analytical review of algebraic concepts, logarithmic, exponential, and polynomial functions. Trigonometry is emphasized the first semester, and other concepts the second semester. This course is recommended for any student planning on attending college and seeking a degree in the liberal arts or elementary education.

299 SAT/ACT PREPARATION

Credit: .50 Class Time: Daily, 1 semester
Requirements: None or 3x/week, 2 semesters
Grade Level: 10, 11, 12 Fee

This is an online elective course which stresses preparation for college entrance exams. It will help students preparing for the PSAT, SAT, and ACT tests. The class focuses on test taking skills and critical thinking skills in addition to the math and verbal content included in these types of tests. Although a course cannot guarantee higher scores, it does help students prepare for college entrance tests.

446, 546, 646 FRENCH, GERMAN, SPANISH 4

Credit: 1 Class Time: Daily, 2 semesters
Requirements: C in Modern Language
Grade Levels: 11, 12

The fourth year course aims to broaden mastery of language skills and the knowledge of culture through the study of advanced grammatical structures, through the study of contemporary and classical literature and through study of the arts. A fourth year of a language is excellent preparation for college.

440 AP GERMAN 4

Credit: 1 Class Time: Daily, 2 semesters
Requirements: A in Modern Language
Grade Levels: 11, 12 Weighted grade: .5

In addition to completing the fourth year course requirements, students will be prepared to take the Advanced Placement examination.

450, 550, 650 FRENCH, GERMAN, SPANISH SEMINAR/5

Credit: 1 Class Time: To Be Arranged
Requirements: B in Language 4
Grade Levels: 11, 12

Options are available for students who wish to continue their Modern Language studies beyond the 4th year.

MUSIC DEPARTMENT

091 CHORAL 1

Credit:	1 or .50	Class Time: Daily, 2 semesters
Requirements:	Some Vocal Ability	3x/week, 2 semesters
Grade Level:	9	Daily, 1 semester

This class is designed to stimulate an interest in singing, to develop a knowledge and understanding of its techniques, and a desire to participate in the performance of good choral music. The choral student is required to perform at both the Christmas and Spring concerts.

092 CHORAL 2

Credit	1 or .50	Class Time: Daily, 2 semesters
Requirements:	Vocal Ability	3x/week, 2 semesters
Grade Level:	10	Daily, 1 semester

Choral 1 and Choral 2 are combined classes; therefore, the course descriptions and requirements are the same. The choral music, however, differs from year to year.

093 CHORAL 3

Credit:	1 or .50	Class Time: Daily, 2 semesters
Requirements:	Vocal Ability	3x/week, 2 semesters
Grade Level:	11	Daily, 1 semester

The student should either have had some training in the introductory choral class or give evidence of vocal ability. In addition to increased emphasis on vocal and performance techniques, the student in junior-senior Choral learns the principles of music literature. The junior-senior group is the primary performing group both within and outside the school. The student is required to perform at both the Christmas and Spring concerts.

094 CHORAL 4

Credit:	1 or .50	Class Time: Daily, 2 semesters
Requirements:	Vocal Ability	3x/week, 2 semesters
Grade Level:	12	Daily/ 1 semester

Choral 3 and Choral 4 meet together in the same class periods; therefore, the course description and objectives are the same. The choral literature, however, differs from year to year.

* Note: If a student wishes to begin the choral program, she may request placement in her respective grade level class.

SCIENCE DEPARTMENT

810 HONORS INTRO. TO PHYSICS AND CHEMISTRY

Credit:	1	Class Time:	Daily, 2 semesters
Requirements	Placement by Department		Lab Course
Grade Level:	9	Weighted Grade:	.5

Honors Introduction to Physics and Chemistry is intended to provide a base for an accelerated chemistry and physics course. The course is the study of matter and energy. In this honors course, students will enhance their laboratory skills and use the scientific method. Topics included are energy, motion, waves, light, sound, electricity and circuits classification of matter, atomic structure, the periodic table, bonding, chemical reactions, and acids and bases.

818 INTRODUCTION TO PHYSICS AND CHEMISTRY

Credit:	1	Class Time:	Daily, 2 semesters
Requirements	None		Lab Course
Grade Level:	9		

Introduction to physics and Chemistry is the study of matter and energy. In this required course, freshmen will study matter and its relationship to energy. Students will also practice the scientific method and learn skills needed for laboratory work. This is a hands-on laboratory course. Topics covered will include energy, motion, flight and weather, waves, light, sound, electricity, and magnetism.

820 HONORS BIOLOGY

Credit:	1	Class Time:	7 periods/week
Requirements:	B+ (92%) in Intro to Physics and Chemistry C (80%) in Honors Intro to Physics and Chemistry		Lab Course
Grade Level:	10	Weighted Grade:	.5

Honors Biology is a course for highly motivated students interested in studying in depth the nature and interactions of living things. Through laboratory explorations (including dissections), research, independent investigations, class discussions and scientific inquiry, the students will develop an understanding of biological science and its importance in society.

826 BIOLOGY

Credit:	1	Class Time:	7 periods/week
Requirements:	Placement by Department		Lab Course
Grade Level:	10		

Biology is a required course for all sophomores. This study of living things emphasizes the discovery

method and the spirit of inquiry in science. Major concepts of modern biology and the practical facts that aid in developing an appreciation of and respect for life are studied.

867 HONORS ADVANCED BIOLOGY / HUMAN ANATOMY-PHYSIOLOGY

Credit: 1 Class time: 7 periods/week
Requirements: B+ average (91%) in Biology Lab Course
B average (87) in Honors Biology Lab Course
Grade Level: 11, 12 Weighted Grade: .5

Advanced Biology/Human Anatomy-Physiology is a course offered to juniors and seniors who have had biology and have an interest in pursuing a health-science career. The purpose of this course is to extend one's understanding of biological principles so to prepare the student for the advanced placement test in Biology as well as preparation for topics in human biology. Some of the topics include biochemistry, microbiology, cytology, human anatomy, body systems and disease mechanisms. A science fair project is required. There is an option for taking the AP Biology test at the end of this course.

830 HONORS CHEMISTRY I

Credit: 1 Class Time: 7 periods/week
Requirements: B average (87%) in Algebra 1 or Lab Course
C+ average (83%) in Honors Algebra 1 Weighted Grade: .5
A- average (93%) in Biology or B average (87%) in Honors Biology
Grade Levels: 11, 12

Honors Chemistry I is a course for highly motivated and mathematically skilled students interested in studying in depth the relationship of matter and energy. Through laboratory explorations, research, independent investigations, class discussions and scientific inquiry, the students develop an understanding of chemical concepts and their relationships to the physical world. ** It is recommended, but not required, that Algebra 2 or Algebra 2/Trig be taken before or with Honors Chemistry I.*

836 CHEMISTRY I

Credit: 1 Class Time: 7 periods/week
Requirements: C average (77%) in Algebra 1 Lab Course
C average (77%) in Biology/Honors Biology
Grade Levels: 11, 12

In chemistry the student uses the scientific method to study the fundamental nature of and relationship between matter and energy. The course focuses on the application of basic chemical concepts and aims to develop a facility in laboratory techniques. This course is designed for those who want a second science lab credit for college as well as those who are interested in science. ** It is recommended, but not required, that Algebra 2 or Algebra 2/Trig be taken before or with Chemistry.*

837 HONORS CHEMISTRY IIA & IIB

Credit:	.50 per semester	Class Time: Daily, 1 or 2 semesters
Requirements:	B average (87%) in Chemistry I B- average (85%) in Honors Chemistry I	Lab Course
Grade Level:	12	Weighted Grade: .5

Chemistry IIA and IIB build on the basic concepts developed in Chemistry I. These semester long courses are designed for those students who are planning a science/health career and will benefit from the advanced topics that these courses offer. Each course is independent of each other; a student can opt for one semester for .50 credit, or a year long course for 1 credit. Some topics covered in Chemistry 2A are redox, electrochemistry, entropy and enthalpy. Some topics in Chemistry 2B are organic chemistry, biochemistry, nuclear chemistry, molecular structure and coordination chemistry.

846 PHYSICS

Credit:	1	Class Time: 7 periods/week
Requirements:	B- average (85%) in Algebra 2/Trig	Lab Course
Grade Level:	11, 12	

In Physics, the student delves into the mysteries of the physical universe. The student studies motion, heat, sound, light, electricity, and magnetism. Mathematics is used as a tool to express and to interpret the concepts of physics. The student gains a better understanding of the real world and the simplicity of the laws that govern it.

858 ENVIRONMENTAL SCIENCE

Credit:	1	Class Time: 5 periods/week
Requirements:	Biology	Lab Course
Grade Level:	11, 12	

Environmental Science is an elective for the student who is interested in and concerned about the natural world. The purpose of this course is to study the relationships between humans and the environment. Major topics of study are ecology, soil and water, agriculture, pollution and energy. Also included are the ethics and politics that affect the environment. This is a practical, hands-on lab course with outside activities.

Placement Test in American History. Through the analysis of various primary sources, as well as conflicting and complementary views of historians, students will refine their ability to analyze and critique people, events, and movements that shaped U.S. history. All students in this class will take the Advanced Placement Test in May.

950,960 GOVERNMENT/ECONOMICS

Credit: 1
Requirements: American History
Grade Level: 12

Class Time: Daily, 2 semesters

Government/Economics is a required course for seniors. The first semester is spent learning the fundamentals of American government. During the second semester, students become economically literate. Students also gain a better understanding of effective political behavior and the necessity for informed political activity in coming to terms with current social and economic problems.

THEOLOGY DEPARTMENT

010 THEOLOGY 9

Credit: 1
Requirements: None
Grade Level: 9

Class Time: Daily, 2 semesters

During this year the student will affirm her identity as a gifted child of God and enhance her faith development by growing in wholeness and holiness. Through our study of Baptism, the spiritual and corporal works of mercy, prayer, and the rosary, she will be challenged to enhance her understanding of our Christian call to worship, community and service. The student will prayerfully explore the Word of God as revealed in the Hebrew Scriptures and deepen her understanding of salvation history, covenantal values, the sacred writings, and the prophets. Catholic moral theology is applied to the study of the Ten Commandments and human sexuality.

020 THEOLOGY 10

Credit: 1
Requirements: Theology 9
Grade Level: 10

Class Time: Daily, 2 semesters

During this year the student is encouraged to grow more deeply in two areas of the spiritual life - a real personal relationship with Jesus Christ and a knowledge of the application of Christian morality to life. The student comes to know Jesus, God's Word made flesh, more deeply by reading and pondering the Gospels, and by an in-depth study of his words and actions. Emphasis is also placed on a study of the Eucharist, the sacrament of Reconciliation, and respect life issues.

030 THEOLOGY 11

Credit: 1
Requirements: Theology 10
Grade Level: 11

Class Time: Daily, 2 semesters

During the junior year the student examines the life and history of the Catholic church with its essential traits, mission and structure. She is led to deepen her involvement in the Catholic Church, and to respect the development and tradition of Christianity. Because prayer and a deep spiritual life are the basis for her response to God's call to holiness, she is invited to assess her progress on the journey of faith, and to share in the life stories of adult witnesses to an active Christian life. The student is called to consider the Scriptural foundation of justice and explore how she can live her faith in contemporary society through a study of the principles of social justice. These principles are then applied to such issues as national and global poverty and hunger, the struggle for non-violent resolution to conflict, and racism.

