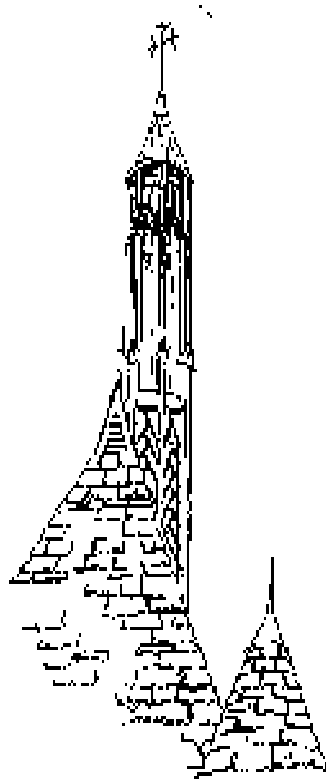


2012 – 2013 Course Catalogue



Central Catholic High School

Pittsburgh, Pennsylvania

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To: All Central Catholic Freshmen, Sophomores, and Juniors
From: Mr. Vincent Ciaramella, Assistant Principal for Academic Affairs
RE: Course Registration Procedures for the 2012-2013 School Year

This is your Course Catalogue for the 2012-2013 school year. Please take the time to review the descriptions of the courses carefully. Share this booklet with your parents. Over the next several weeks, you will have an opportunity to learn more about next year's courses from your teachers, your Guidance Counselor and me. Pay careful attention to what you hear, because it is important for you to make intelligent choices for the courses you will take next year.

The following issues are very important for you to consider in making your course selections:

1. You will receive your Course Registration Card during a class assembly. The card must be signed by each of your current teachers with a recommendation for the courses you will take next year. If you need to have the approval of a teacher in another department to pre-register for a class, be sure that you seek out that teacher before the deadline.
2. The back of this booklet contains a sample course registration form for you to use in working out your selections. The actual registration card that you will receive must be returned back to your counselor by dismissal on **Friday, March 23, 2012**. *You do need a parent signature on the card.* Please have your parents review the course selection and obtain their approval. The accuracy of the course card is vital for scheduling purposes. **You must submit your course selections on-line through PowerSchool no later than Wednesday, March 21, 2012 without exception.**
3. Make the effort NOW to choose appropriate classes for next year. You must meet all the requirements or pre-requisites, which are outlined in the course descriptions. If you fail to meet the requirements for a class at the end of the school year, I will change your course selections.
4. When choosing your courses, make sure that you select courses which are appropriate to your abilities and challenging to your best efforts. You need to make honest choices based upon what is most important to you. **CHOOSE CLASSES ON THEIR OWN MERITS. DO NOT CHOOSE CLASSES BECAUSE OF TEACHER PREFERENCE.** There is no guarantee that the same teacher will be assigned to teach a particular class next year. **It is the policy of Central Catholic that we will not permit class changes because of student or parent preference for or against a particular teacher. BE AWARE OF THIS POLICY.**
5. All freshmen and sophomores must take ½ credit of Health or Physical Education. *If a student chooses a Music/Art course, then he is exempt from the requirement.*
6. **Students who intend to enroll in multiple Honors and/or Advanced Placement classes are reminded that scheduling into multiple single-section classes can not be guaranteed.** Every effort will be made to design the master schedule to permit students to enroll in as many of these classes as possible. However, conflicts do arise. **Be prepared to make alternate course selections should there be an irresolvable conflict with your schedule.**

7. Students enrolling in Advanced Placement courses are reminded that you will be **REQUIRED** to take the Advanced Placement examination for each of those courses in May, 2013.
8. Scheduling Central Catholic High School is a highly complex process. It is necessary that you supply accurate data in a timely fashion so that the master schedule can be completed on time. Therefore, you **MUST** be aware of and **COMPLY** with the following dates and expectations:

WEDNESDAY, MARCH 21, 2012

THE COURSE SELECTION ON-LINE PROCESS UTILIZING POWERSCHOOL IS COMPLETED.

FRIDAY, MARCH 23, 2012 ---

COURSE REGISTRATION CARDS MUST BE RETURNED TO YOUR COUNSELOR BY 2:20 PM WITH OR PARENT/GUARDIAN SIGNATURE.

IF YOU DO NOT COMPLY WITH THIS DEADLINE, YOU WILL FORFEIT YOUR OPPORTUNITY TO SELECT YOUR COURSES FOR THE UPCOMING SCHOOL YEAR. COURSES WILL BE SELECTED FOR YOU.

YOUR COURSE CARD MUST BE SIGNED BY YOUR PARENT/GUARDIAN. THE COURSE CARD INDICATES YOUR COURSE CHOICES.

APRIL 18 – JUNE 7, 2012 ---

OFFICE “B” WILL BEGIN PRELIMINARY SCHEDULING. STUDENTS AND/OR PARENTS MAY REQUEST COURSE CHANGES ***WITHOUT PENALTY.***

JUNE 8 – JULY 27, 2012 ---

SCHOOL SCHEDULING COMPLETED. ANY COURSE CHANGE REQUESTS MUST OCCUR THROUGH CONTACT WITH MR. CIARAMELLA AND BE ACCOMPANIED BY A ***\$50.00 COURSE CHANGE FEE. This also applies to desired changes for second semester course of the current school year.***

AFTER JULY 30, 2012 ---

THE SCHOOL SCHEDULE IS FINAL. STUDENT REQUESTS FOR COURSE CHANGES WILL NOT BE HONORED. THE ONLY CHANGES MADE IN THE SCHEDULE WILL BE THOSE TO CORRECT ERRORS MADE BY THE SCHOOL.

DEPARTMENT OF RELIGION

The four years of religion are designed to provide the student with a foundation for a deeper understanding and an integration of the Christian faith into his own life. In each course, both lecture and small group discussions are utilized. Students are required to involve themselves in the classroom activities and complete reading assignments from the text and supplementary sources. A number of short research papers and reflections are normally assigned; periodic quizzes and exams will be given and a longer paper may be required at the discretion of the instructor.

RELIGION I

0011 A (1cr) 6/6 Freshmen Level 3

All 9th graders take the Religion I course which deals with understanding the Catholic faith during the 1st semester and studies the Old Testament during the 2nd semester. Periodically, classes are conducted in conjunction with the Guidance Department to cover important topics.

RELIGION II

0022 A (1cr) 6/6 Sophomores Level 3

This two-semester course will deal with the student's personal and religious maturity. The theme will be covered by two overlapping areas. First, we will investigate the life and message of Jesus of Nazareth in order to revise and deepen earlier conceptions of his significance in our lives. Attention will be given to the Gospel portrait of Jesus, his mission as healer, teacher, and savior, and the meaning of his Resurrection. We will also consider relevant New Testament themes and Christological questions. Secondly, we will concern ourselves with questions of personal identity and worth: our needs, the influences on our behavior, the challenges presented by adolescence, the unique contributions we are able to make to our world and the relationship with Jesus that should be the hall-mark of our lives.

RELIGION III

0033 A (1cr) 6/6 Juniors Level 3

This course is designed to help the student become aware of his own worth and responsibility as a person and as a Christian. The topics addressed will include moral development, conscience formation, decision-making skills, the theological and moral virtues, and the basis, development, and application of Catholic social teaching.

RELIGION IV

0044 A (1cr) 6/6 Seniors Level 3

Senior year is an ideal time for a person to assess the future and make some tentative decisions about the life he wants to build. This course is designed to help students shape a Christian lifestyle by providing insights from the Christian tradition concerning the various developmental tasks of young adult life. Using the Gospel and the Christian tradition as a point of reference, the course will address the four lifestyle paths – single life, marriage, religious life, and ordained ministry – and the various issues and choices these paths present. The course will also take a more detailed look at the Sacraments, as well as “sacramental themes” as they find expression in the religious traditions of the world.

A MAN OF FAITH

0058 A (*1cr*) **6/6** **Seniors** **Level 4**

Senior year is a critical time in a young man's life: he assesses the future and makes some tentative decisions about the life he wants to build. He investigates the world around him as he looks for meaning and purpose to his life. This Honors level survey course (which fulfills the Religion requirement) is designed to help students shape an adult Christian lifestyle by providing insights from the Catholic Christian tradition concerning the various developmental tasks of young adult life and understanding a maturing life of faith.

This course will attempt to cover a variety of topics:

- Contemporary Catholic insights into Faith and Culture
- Catholic Social Teaching
- Comparative Religions
- Christian Vocation

The class may be taken only with Departmental approval. The interested student must have evidenced an ability to work independently. Active participation and extensive reading will be expected. Considerable writing will be expected.

Option: "College in High School" in conjunction with LaRoche College.

DEPARTMENT OF ENGLISH

EXPLORING LITERATURE AND WRITING (HONORS)

0117 A (*1cr*) **6/6** **Freshmen** **Level 4**

The honors English course demands more intense writing and analysis. Students are assigned to this level if they have demonstrated ability by scoring at the 88th percentile or higher in Reading and Language on the placement test or by participating in a timed, writing evaluation by the English Department in May of the 8th grade year.

EXPLORING LITERATURE AND WRITING

0118 A (*1cr*) **6/6** **Freshmen** **Level 3**

While requiring a good amount of writing, analysis, and skill work, this course moves at a less intense level than the honors course. This level is recommended for students scoring from the 40th through 87th level on the standardized examinations.

EXPLORING LITERATURE AND WRITING

0119 A (*1cr*) **6/6** **Freshmen** **Level 1**

Students who have previously experienced difficulty in language arts, reading or literature and who have scored below average on the placement test are assigned to this level. Students taking this level also take a full year of a Learning Lab course to develop study, testing, and organizational skills during their 9th-grade year.

Sophomores must select one of the following literature courses:

HONORS AMERICAN LITERATURE

0127 A (1cr) 6/6 Sophomores Level 4

This is an accelerated course in American Literature. It is a survey course that will introduce the students to major authors, themes, and periods of American literature from the colonial period to the present. There will be extensive reading and writing. Students will also be required to give presentations and lead discussions on specific writers and works of literature. Enrollment is limited to twenty-five (25). Students who have successfully completed Honors English I with at least a 90% will receive priority. If space is available, students from regular sections with a 98% average and teacher approval will be considered.

SURVEY OF AMERICAN LITERATURE

0131 A (1cr) 6/6 Sophomores Level 3

This year long American literature survey course is designed for sophomores and will examine the works of American authors. While the main organization is chronological, examining historical and cultural influences on the literature, the course will also reinforce the student's understanding of literary structure in various genres. Students will sharpen thinking skills through writing assignments and class discussion. In addition, students will sharpen vocabulary, speech, and research skills through a variety of assignments.

SURVEY OF AMERICAN LITERATURE

0133 A (1cr) 6/6 Sophomores Level 1

This course is designed for the student who had difficulty with the skills developed during freshman year. The student will be introduced to major American writers through the genres of short stories, novels, poetry, and drama. Students will sharpen thinking skills through class discussion and writing assignments. In addition, the course involves work on vocabulary, speech and research skills.

Juniors must select one of the following literature courses:

HONORS BRITISH LITERATURE

0137 A (1cr) 6/6 Juniors Level 4

This is a full year survey course of British literature, beginning with Old English (Beowulf) and continuing into the twentieth century. Students will discover that literature and history interact – how we can learn about the politics, culture, and personality of a nation through the study of its literature. Heavy emphasis will be placed on writing and speaking. Students will write several essays each semester – both in class and out of class. They will also write a research paper. Each student will be required to give an oral presentation on a particular writer or period of British literature. Class size is limited to 25 students. Students from the Honors American Literature classes who have maintained a 92% average will receive first priority. If there is remaining space, students from the regular sophomore classes with a 98% average will be considered.

SURVEY OF BRITISH LITERATURE

0141 A (1cr) 6/6 Juniors Level 3

This course examines the major works of British literature from the origins of the English language to the present day. While the main organization is chronological, examining historical and cultural influences on the literature, the course will also reinforce the students' understanding of literary structures in various genres. Students will sharpen thinking skills through composition assignments and class discussion. Students will be required to write a research paper

SURVEY OF BRITISH LITERATURE

0143 A (1cr) 6/6 Juniors Level 1

This course is designed for the student who had difficulty with the skills developed during the sophomore year. Students will be introduced to major British writers through the genres of short story, novel, drama, and poetry. Students will sharpen thinking skills through class discussion and writing assignments. In addition, the course involves work on vocabulary, speech, and research skills.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

0148 A (1cr) 6/6 Juniors Level 5

This Advanced Placement English course, which will be co-taught by two members of the English faculty, is designed to assist eleventh-grade students in the development of their analytical and compositional skills. The formats of these writing tasks will range from the in-class essay to the out-of-class research paper. Texts to be read include novels, plays, poems, essays, articles, and old AP exams. British authors of both fiction and non-fiction, as well as contemporary social issues will make up the core content of AP English Language and Composition. Because AP English is intended to be equivalent to an entry-level college course, students should expect both the amount and the difficulty of the work to be quite high. *Enrollment is limited to ONE section of 15 students.* To be considered for the course, students must be in Honors English program, have at least a 93% in the honors American Literature course, and have departmental approval. The most crucial prerequisite skill for this course is time management; students may be asked, for example, to read a novel independently while completing daily written responses to another, shorter reading. Students are required to take the AP Exam.

Seniors must select one of the following literature courses.

ADVANCED PLACEMENT ENGLISH

0150 A (1cr) 6/6 Seniors Level 5 CiHS

The Advanced Placement English course examines major writers of Western literature, while focusing on refining skills in the areas of critical thinking and critical writing. The student will be expected to participate in class discussions, do extensive reading, and write critically and creatively. The course offers the opportunity for participating in the College in High School Program offered in conjunction with Duquesne University. *A culminating project must be completed as part of the course requirements.* Enrollment is limited to ONE section of 15 students. To be considered for the course, students must be in the Honors English program, have at least a 93% in the honors British Literature course, and have departmental approval. Students are required to take the AP Exam.

HONORS WORLD LITERATURE

0140 A (1cr) 6/6 Seniors Level 4

Students will survey a wide variety of literary works from various countries and cultures. The course will be discussion-based. Active participation and extensive reading will be expected. A research paper and numerous projects will be completed during the course. Prior participation in the honors English program or junior English teacher recommendation is required. Students must have minimally a 93% in British Literature 141, and have departmental approval. Class size will be limited to ONE section with a maximum of 25 students.

SURVEY OF WORLD LITERATURE

0151 A (1cr) 6/6 Seniors Level 3

This course examines a wide variety of literary works from various countries and cultures. While the main organization is chronological, examining historical and cultural influences on the literature, the course will also reinforce the students' understanding of literary structures in various genres. Students will sharpen thinking skills through writing assignments and class discussion. Students will be required to write a research paper.

SURVEY OF WORLD LITERATURE

0153 A (1cr) 6/6 Seniors Level 1

This course is designed for the student who had difficulty with the skills developed during the junior year. Students will be introduced to a wide variety of literary works from various countries and cultures. While the main organization is chronological, examining historical and influences on literature, the course will also reinforce the student's understanding of the literary genres of drama, poetry, short stories, and the novel. Students will sharpen thinking skills through class discussion and writing assignments. In addition, the course involves work on vocabulary, speech, and research skills.

The following English courses are elective courses which may be taken in addition to the English literature requirement. Note that these courses do NOT replace the literature requirement.

SAT/ACT Preparation

0163 S (1/2cr) 3/6 Sophomores and Juniors Level 3

This class introduces the subject matter and format of each test, with practical application in vocabulary building, critical reading techniques, proofreading, and test-specific mathematics. Students will also learn strategies for maximizing their scores on the SAT and ACT. Curriculum will also include several practice tests which will be scored on the appropriate national scale. The SAT portion of the course will cover all three sections of the test (Critical Reading, Writing [including the essay], and Math); the ACT portion will likewise cover all five sections of that test (English, Reading, Math, Science, and the Essay). Although the course is being offered under the auspices of the English Department, the instructor is a Master Teacher at Kaplan Test Prep in all areas of the SAT and ACT. This class will be limited to a single section (no more than 27) of Sophomores and Juniors ONLY each semester.

PRINCIPLES OF PUBLIC SPEAKING

0167 S (1/2cr) 6/6 Seniors Level 3

Students will learn principles of effective oral communication including delivery, organization, content, and stress management. This class offers a functional approach to effective speaking, with practical application in informative, impromptu, and persuasive speeches. Curriculum will also include weekly readings and quizzes to increase background knowledge in the subject area. This class will be limited to a single section (no more than 15) of SENIORS ONLY each semester and is designed to prepare students for the demands of collegiate level public speaking.

YEARBOOK DESIGN

0166 A (1/2cr) 3/6 Sophomores, Juniors, Seniors Level 3

This pass/fail course is designed to allow students to create Central Catholic's Yearbook, *Towers*. A large portion of this course will be the introduction of layout and design, using software from the yearbook company. Additionally, because this is an English elective course, students will learn the appropriate way to add captions and small paragraphs of information to add to the book. Students will also be encouraged, and at times, required to attend extracurricular and sporting events to photograph and gather information for the yearbook. There is a 20 person maximum for this course and students who are currently on the Yearbook Staff get first preference. All students interested should receive departmental permission before registering for the course.

ARGUMENT AND DEBATE

0168 A (1cr) 6/6 Juniors and Seniors Level 3 CiHS

Students will learn to construct carefully reasoned, well-supported arguments which they will present and defend during debates in class. They will learn the importance of evidence in supporting a position as well as strategies for refuting an opposing viewpoint. Students will gain experience in various types of debate formats such as Lincoln-Douglas and policy-team debate. They will also participate in mock trials and student congress. Students will evaluate each other's debate and learn important criteria for judging the validity of arguments. The course requires extensive research on debate topics, and several essays will be required as students must present a clear statement of the strategies employed in their debates. Students have the opportunity to earn college credit in this course through the University of Pittsburgh College in High School Program. Students must have teacher's approval.

THE LITERATURE OF FILM

0169 S (1/2) 6/6 Seniors Level 3

This course is designed to make students think seriously of the art of film as they do of literature. The course will introduce students to various genres of film such as: silent movies, screwball comedies, studio films, film noir, animation, foreign films, independent films, musicals, etc. Influential filmmakers such as Hitchcock, Ford, Sturges, Bergmann, Fellini, Scorsese and Spielberg will be studied along with the auteur theory. Literature will be a major part of the course as short stories, novels, plays and graphic novels will be read and compared to films. This will be a semester course and students will be accepted into the course by department approval. Assignments will be predominantly essays, reviews and papers.

DEPARTMENT OF SOCIAL STUDIES

HONORS WORLD HISTORY I**0210 A (1cr) 5/6 Freshmen Level 4**

This course surveys world history from prehistory to the early modern period, 1500-1700. The course follows the rise of great civilizations across the globe, exploring how and why they flourished and the problems they encountered

The study of ancient civilizations is joined with a study of geography/topography, exploring the ecological and spatial relations of societies and their environments. Students may place into this course by scoring at the 88th percentile or higher in Reading and Language on the placement test or by participating in a history and writing evaluation in May of the 8th grade year.

WORLD HISTORY I**0215 A (1cr) 5/6 Freshmen Level 3**

This survey course, which is the first of a two-year program, focuses upon the principal civilizations from pre-historical times to the mid-eighteenth century. While emphasizing major events, personalities, and concepts, the course establishes a foundation of understanding upon which future studies will be based.

WORLD HISTORY**0216 A (1cr) 5/6 Freshmen Level 1**

This survey course, which is the first of a two-year program, focuses upon the principal civilizations from pre-historical times to the mid-eighteenth century. While emphasizing major events, personalities, and concepts, the course establishes a foundation of understanding upon which future studies will be based.

HONORS WORLD HISTORY II**0220 A (1cr) 5/6 Sophomores Level 4**

A continuation of Honors World History I, the course covers the period from 1500 to the present day. The curriculum provides an intense study of the development of the modern world. An emphasis is placed on developing a thorough knowledge of the people, events, and ideas that have shaped our times. While the focus is on the development of Western civilization, study of non-Western history is included.

After an introductory unit, the course identifies the major trends and events 1500 to the latest age.

Method: lectures, discussion, audio-visual

Readings: textbook, paperbacks, supplemental readings

Evaluation: 2-5 examinations per quarter; short papers, projects

Approval of the Social Studies Department is required.

WORLD HISTORY II

0225 A (1cr) 5/6 Sophomores Level 3

This course is a survey course designed to give the student a basic understanding of World History from the Renaissance to Modern times. Major emphasis will be placed on the students' ability to master content material, vocabulary, and to express them in written and spoken work.

Method: lectures, discussions, audio-visual aids, in class work

Readings: textbook, supplemental reading, handouts

Evaluation: 2-5 examinations per quarter, quizzes, assignments and participation

Approval of department is required.

WORLD HISTORY I

0226 A (1cr) 5/6 Sophomores Level 1

This course will emphasize the major events and trends in World History since 1500. In addition to content, major concern will be placed on the students' ability to master basic concepts, vocabulary, and to express themselves both in written and spoken work.

Method: lecture, discussion, audio-visual aids, individual work with small groups and instructor

Evaluation: 2-3 examinations per quarter, periodic quizzes, maps and assignments

THE SOPHOMORE COLLOQUIA, IN SEARCH OF KNOWLEDGE: PITTSBURGH AND BEYOND

0229 A (1/2cr) Sophomores Level 4

The Colloquia, a periodic series of half-day or whole-day sessions, offers robust interactions with university professors, government leaders, and professionals on a myriad of thought-provoking issues, within and across the disciplinary boundaries of the humanities, social sciences, and the sciences. Merging their expertise with the young scholars' quest for knowledge, the Colloquia emphasize employing new insight – experience, integrated knowledge, understanding and judgment – towards imagination, inventiveness and problem-solving. As a critical part of the Colloquia, scholars will participate in various field experiences including public lectures, music concerts, theatre performances, museum exploration, among other opportunities for education beyond the customary classroom.

Requirement: Students must be in the Scholars Program.

ADVANCED PLACEMENT UNITED STATES HISTORY

0250 A (1cr) 6/6 Juniors Level 5

This course is an intensive study in U.S. History from the discovery to the present. Students are expected to analyze in depth and to examine previously held conceptions of American History. Reading load is extensive, with summer reading required.

Method: lectures, discussion and audio-visuals

Evaluation: tests, essays and research papers

Requirements: Departmental approval

Students must take the Advanced Placement examination at the completion of the course.

HONORS UNITED STATES HISTORY

0230 A (1cr) 6/6 Juniors Level 4

This course is an extensive study in U.S. History from the discovery to the present that attempts to present conflicting interpretations of historical events and trends to find accuracy and relevance for the present.

Method: lecture, discussion, audio-visuals

Evaluation: essays, examinations and papers

Requirement: Departmental approval

UNITED STATES HISTORY

0231 A (1cr) 5/6 Juniors Level 3

An inquiry-oriented approach, this course attempts to present conflicting interpretations of historical events and trends to find accuracy and relevance to the present. Students will be exposed to a variety of historical interpretations,

Method: lecture and discussion

Readings: text, supplemental readings

Evaluation: essay and objective interpretations

UNITED STATES HISTORY

0233 A (1cr) 5/6 Juniors Level 1

This course is an introductory American History course. The course will emphasize individualized study and an inquiry approach to the major themes of American History.

Method: lectures, discussion

Reading: basic textbook

Evaluation: tests, quizzes, occasional reports

AP HUMAN GEOGRAPHY: SEMINAR

0238 A (1cr) 5/6 Juniors Level 5

Human Geography is a social science discipline focused on the study of the world's people, communities, and cultures. Topics include physical geography, population, cultural patterns and processes, political organization of space, agriculture and rural land use, industrialization and economic development, cities and urban land use. The study of these topics will be supplemented with reading from interdisciplinary sources.

The goals of the AP program in Human Geography are to (a) use and think about maps and spatial data, (b) understand and interpret the implications of associations among phenomena in places, (c) recognize and interpret at different scales the relationships among patterns and processes, (d) define regions and evaluate the regionalization process, and (e) characterize and analyze changing interconnections among places.

The strength of the course will reflect the commitment and passion of the student to learning and discovery. Intensive reading, summer work, and extensive writing are required, including a case-study research project due at the end of the first semester. The AP exam must be taken at the end of the year.

Requirement: Students must be in the Scholars Program

ADVANCED PLACEMENT EUROPEAN HISTORY

0258 A (1cr) 6/6 Sophomores Level 5

This study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Intensive reading, summer work, and extensive writing are required. Departmental approval required. The AP exam must be taken at the end of the year.

ADVANCED PLACEMENT AMERICAN GOVERNMENT

0248 A (1cr) 6/6 Seniors Level 5

This course focuses on United States Government and Politics, one of two A.P. curricula offered in Political Science. Major topics include: Constitutional foundations of the U.S. Government; Political beliefs and behaviors; Political parties, Interest groups and Mass media; Institutions of National Government: the Congress, the Presidency, the Bureaucracy, and Federal Courts; Public Policy; Civil Rights and Liberties. A major purpose of this course is to prepare students for the Advanced Placement exam in May. Students who select this course must take the Advanced Placement exam.

Prerequisite: Department approval through teacher's recommendation.

HONORS AMERICAN GOVERNMENT

0246 A (1cr) 6/6 Seniors Level 4

This course is designed to be the honors level version of Introduction to Civics. Topics to be discussed include: the Constitution, Federalism, Civil Liberties, Civil Rights, Public Opinion and the Media, Political Parties and Elections, the Presidency, Congress, Federal Courts, Government and the Economy, Social Policy, and Foreign Policy and Democracy. Enrollment will be based on teacher recommendation and a grade of 85% in Honors US History.

HONORS COMPARATIVE GOVERNMENTS

0247 A (1cr) 6/6 Seniors Level 4

This course is an intensive look at various governmental, political and economic systems throughout the world. With globalism such a prominent force in the world today, the course will show the relevance of international forces to our lives. The major focus will be on the United States, Russia, China, India and Japan along with representatives from the European Union, Middle East, the Third World and Latin America.

Enrollment is limited to 25 students, each upon approval of the department. Students enrolled in any of the AP Social Studies courses will be accepted into this course only if space is available.

Methods: lectures, discussions, and students' presentations.

Readings: primary and secondary texts, plus handouts.

Evaluation: tests and assignments: both written and verbal

Prerequisite: Departmental approval.

HISTORY OF PITTSBURGH AND WESTERN PENNSYLVANIA

0262 **S (1/2cr)** **5/6** **Seniors** **Level 3**

This course is intended to develop in the student a fuller awareness and appreciation of the development of Western Pennsylvania, and particularly the role which the City of Pittsburgh has played. The course will trace the history of the city from its beginnings as a frontier stronghold to its emergence as the Renaissance City of today. Class activities will consist not only of readings and discussions, but also the use of local historical resources and visits to important sites in the city's history and development. This course will be a web enhanced course. Course is limited to 24 students per semester.

Method: lecture, discussion, guest lectures, tests, readings.

Evaluation: quizzes, tests, internet projects, research paper and class project

PSYCHOLOGY

0263 **S (1/2cr)** **6/6** **Seniors** **Level 3**

This introductory course is designed to provide the student with an overview of the field of psychology. During the course of the semester students will study research methods, motivation, emotion, personality theories, psychological disorders, health, developmental and applied psychology and therapy methods.

Methods: lecture, video, speakers, cooperative learning

Text: *Psychology in the New Millennium*

Supplemental readings from magazines, newspapers and related books

Evaluation: tests, quizzes, think-tank position papers, cooperative student presentations

HISTORY OF MODERN AMERICA

0265 **S (1/2cr)** **6/6** **Seniors** **Level 3**

This course explores the era from the conclusion of World War II to the present with emphasis upon significant events and notable personalities, both foreign and domestic, as they relate to the American experience.

Methods: lecture, class discussion, and audio-visual materials

Evaluation: tests, quizzes and short research projects

SOCIOLOGY

0266 **S (1/2cr)** **6/6** **Seniors** **Level 3**

This course is a basic inquiry into the social science of sociology. Students will discover the basic fundamentals of group behavior and the norms associated with it. Along with defining cultural and societal norms, students will investigate the effects of change on the structure of a group. The tools of sociological study and the types of research involved will also be examined. The student will be assessed through objective tests, written assignments and some independent research.

INTRODUCTION TO CIVICS AND ECONOMICS

0267 S (1/2)

6/6

Seniors

Level 3

This course is designed to afford the average student an opportunity to comprehend basic and practical concepts within two disciplines. As citizens and consumers it is essential that fundamental information be made available to students on a scheduled, consistent basis. General topics include: the Constitution, the Three Branches and Levels of Government, the “Social Contract” Campaigns and Elections, the American Economic System, and comparative systems of government and economics.

SCHOLARSHIP: SENIOR INDEPENDENT STUDY

0249 A (1cr)

Seniors

Level 4

The capstone of the Baginski Program is the year-long Senior Independent Study. Guided by faculty mentors either from area universities, Central Catholic or professionals in the field, this course allows the scholars to structure their own field of study that they themselves define. This approach to learning provides a wide opportunity to pursue a topic from an in-depth, interdisciplinary perspective which accommodates a broader inquiry than study in a single discipline. In addition to the written thesis, scholars give an oral presentation of their scholarship in the Senior Scholars Symposia which convenes in April each year.

ADVANCED PLACEMENT ART HISTORY

0260 A (1cr)

Seniors

Level 5

This course will engage students at the same level as an introductory college art history survey. Students will be introduced to major artistic developments in the visual arts from Pre-history through the Middle Ages. Paintings, sculptures, architecture and other media will be discussed in a variety of ways including their formal and stylistic characteristics, the cultural and social conditions in which they were produced, and the meanings that have been and can be interpreted from them. Working both chronologically and thematically, we will give special emphasis to: the articulation of world religions (both past and present), the changing function of the visual arts in diverse cultures, the shifting role of the artist in visual production and the tools and techniques involved in arts production. Strategies for analyzing and interpreting art as a distinct component of visual culture will be discussed. The course will consist of slide-based lectures, class discussions, and student presentations. These will be supplemented with readings in your textbook. Because this is an Advanced Placement Course, there will be emphasis on preparation for the AP exam. The course does not assume prior training or seek primarily to identify students who will major in art history in college. Students who have done well in other courses in the humanities, such as history and literature, are especially encouraged to enroll.

DEPARTMENT OF MATHEMATICS

General Policy Statement (*Applicable to all students*):

In each math class, grades are determined primarily with written tests. In the Honors and Advanced sections, however, the teacher may assign research topics or short papers. Teachers at all levels will assign homework daily and may incorporate it into the final grade..

The math program is sequential in nature; therefore, the student must receive departmental approval for any course.

HONORS ALGEBRA II

0318 **A** (*1cr*) **6/6** **Freshmen** **Level 4**

This course is for students who have completed a strong Algebra I course in grammar school, consistently scoring in an “A” or “B+” range. In order to be placed in this fast-paced math curriculum, the student must have demonstrated superior mathematical ability on the Honors Algebra placement test in May of the 8th grade year. The Math Department creates and evaluates this placement exam.

HONORS ALGEBRA I

0310 **A** (*1cr*) **6/6** **Freshmen** **Level 4**

This high powered math course is designed for students who have been exposed to Algebra I in grammar school but have not yet mastered the subject sufficiently to move on to Honors Algebra II. This course should cover all of Algebra 1 and several topics from an Algebra 2 course as well.

ADVANCED ALGEBRA I

0312 **A** (*1cr*) **6/6** **Freshmen** **Level 3**

This course is for students who have had a background in algebra in grammar school but have not demonstrated sufficient mastery to move into the honors level. Grammar school grades and standardized test scores will be used in the placement process.

ALGEBRA I

0315 **A** (*1cr*) **6/6** **Freshmen** **Level 2**

The students placed in this level are those students who have had some pre-algebra or algebra work and are ready to begin a full algebra course. Grammar school grades and standardized test scores will be used in the placement process.

HONORS ALGEBRA II and GEOMETRY

0320 **A** (*1cr*) **6/6** **Sophomores** **Level 4**

This course continues the topics begun in 310. This Algebra II course is for students who are accelerating toward Advance Placement Mathematics in the senior year. The course emphasizes the use of the graphics calculator as both a teaching aid and as a problem solving tool. The course also stresses well organized mathematical approaches to problem solving and the structure of algebra. Multiple representations (graphical, numeric, symbolic and verbal) of the concept of a function play a significant role in the course as well.

After the Algebra II topics are completed in December, the remainder of the class offers a rigorous modern geometry course emphasizing mathematical structure, logic, and deductive proof. Coordinate geometry methods and proofs are also included. Plane geometry is extended to solid geometry throughout the course.

ADVANCED GEOMETRY

0321 **A** (*1cr*) **6/6** **Sophomores** **Level 3**

This course emphasizes the mathematical structure of geometry, beginning with symbolic logic and deductive proof. Methods and proofs in coordinate geometry as well as transformations will be covered. Plane geometry is extended to solid geometry throughout the course.

ALGEBRA II

0322 **A** (*1cr*) **6/6** **Sophomores** **Level 3**

This course continues the work begun in Algebra (312 and 313) on the freshman level. This course is designed for the average student pursuing four years of high school mathematics. It emphasizes the development of algebraic skills and logical thinking through the use of symbolic, numeric and graphical approaches. Students will develop an understanding of mathematical language, notation, and symbols.

In particular, students will explore linear, quadratic, and other polynomial functions; they will also encounter rational, exponential, and logarithmic functions. They will learn the rudiments of probability and the usefulness of matrices, too.

The modeling of the real world problems and the appropriate use of technology as a mathematical tool are stressed throughout the course, requiring the extensive use of a graphics calculator. The math department recommends and will employ the Hewlett-Packard 39G + graphing calculator in this course.

ALGEBRA II

0323 **A** (*1cr*) **6/6** **Sophomores** **Level 2**

This is the intermediate level of 322.

HONORS GEOMETRY

0328 **A** (*1cr*) **6/6** **Sophomores** **Level 4**

This full year course offers a rigorous modern geometry course emphasizing mathematical structure, logic and deductive proof. Methods and proofs in coordinate geometry as well as transformations and constructions will be covered. Both plane and solid geometry are considered throughout.

This course will emphasize the continual use of algebraic skills.

HONORS TRIG/MATH ANALYSIS

0330 **A** (*1cr*) **6/6** **Juniors** **Level 4**

The first semester is an accelerated, full course in trigonometry, including circular functions, vectors and polar coordinates.

The second half of this course prepares students for Calculus. It includes a study of these functions: polynomial, rational, algebraic, exponential and logarithmic. The course will also cover complex numbers and conic sections. Students will also receive a brief and informal introduction to limits and derivatives.

PRE-CALCULUS

0341 S1 (1/2cr) 6/6 Seniors Level 3

This course is for students who have had trigonometry but are not ready for Calculus. The content will include a brief review of linear relations and functions, systems of equations and inequalities, polynomial and rational functions, and exponential and logarithmic functions. The review will emphasize modeling problems. Other topics that the course may cover more fully include sequences and series, iteration and fractals, combinatorics and probability, and graph theory.

HONORS TRIG/MATH ANALYSIS

0342 A (1cr) 6/6 Seniors Level 4

The first semester is an accelerated, full course in trigonometry, including circular functions, vectors and polar coordinates.

The second half of this course prepares the student for Calculus. It includes a study of these functions: polynomial, rational, algebraic, exponential and logarithmic. The course will also cover complex numbers, matrices and conic sections.

TRIGONOMETRY

0345 S1 (1/2cr) 6/6 Seniors Level 3

This course explores plane Trigonometry as based on the wrapping function and the right triangle. It emphasizes the trigonometric functions, their inverses and their graphs, as well as applications involving identities, equations, solutions of triangles, and complex numbers. Required is at least a 'C' average in Algebra II. This course is the first semester of a full year of senior mathematics to be followed by the "Advanced Math" course in the second semester. This course is for students who are not quite ready to take the more rigorous Trig/Math Analysis course.

ADVANCED MATH

0346 S2 (1/2cr) 6/6 Seniors Level 3

This course is the second semester of a full year of senior Mathematics for students who are not quite ready to take the "Trig/Math Analysis" course. It includes as many topics as feasible from the "Trig/Math Analysis" course. Prerequisite: Math 345

TRIGONOMETRY

0347 S (1/2cr) 6/6 Seniors Level 2

This course explores plane Trigonometry as based on the wrapping function. It emphasizes the trigonometric functions, their inverses and their solutions of triangles. The right triangle approach to the trigonometric functions will also be included. (This course may be taken as a second semester elective by seniors taking Math 343, if they are well qualified.)

HONORS INTRODUCTION TO COMPUTER SCIENCE WITH JAVA

0368 **A** (*1cr*) **6/6** **Juniors and Seniors** **Level 4** **CiHS**

A large part of this course is built around the development of computer programs or parts of programs that correctly solve a given problem. The course will emphasize the design issues that make programs understandable, adaptable, and, when appropriate, reusable. The development of useful computer programs and program modules provides a context for introducing other important concepts in computer science: the development and analysis of algorithms; the development and use of fundamental data structures; the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral components of this course. Students will have the opportunity to participate in the College in High School Program in conjunction with the University of Pittsburgh.

Approval from the Math Department Chair is required.

AP STATISTICS

0360 **A** (*1 cr*) **6/6** **Seniors** **Level 5**

AP Statistics is consistent and in keeping with the AP curriculum outline and requirements. This is an entry level college statistics course designed to prepare students for initial data analysis required for many college courses within both the physical and social science disciplines. This course is designed to introduce students to core Probability and Statistics concepts and tools for collecting, analyzing, making inferences, and for drawing conclusions from data collected. Parametric and non-parametric distribution statistics will be explored giving the student the opportunity to experience a wide array of data collections and analysis processes, spanning both the physical and social sciences. Students will experience the iterative technique of statistical model refinement as new questions are formed during the analysis process. To accomplish these goals, students will explore textbook examples and will link these to subjects outside the classroom (real time academic and industrial data bases in need of analysis). A college level textbook will be used and a sophisticated graphics calculator with statistics capability will be required. Assessment will include homework, exams and a class project. Students who register for this class must take the A.P. Statistics exam at the end of the course. Prerequisites: Algebra II; Co-requisite: Trigonometry/Advanced Math

PROBABILITY AND STATISTICS

0375 **S2** (*1/2cr*) **6/6** **Seniors** **Level 3**

This course provides the basics of Probability and Statistics suitable for the college preparatory student. Topics discussed include the fundamental ideas of probability, the handling of numerical data, binomial and random variables, a brief introduction to sampling, a thorough examination of statistical methods, including confidence intervals, significance levels, statistical hypotheses, tests, estimation, type I and type II errors.

Probability and Statistics is not a substitute for the regular fourth year of mathematics. Rather, it is enrichment for those students with high ability in mathematics who wish to take more than one mathematics course.

DEPARTMENT OF SCIENCE

HONORS BIOLOGY**0410 A (1cr) 7/6 Freshmen Level 4**

This course is meant to provide a survey of the realm of life science within the context of a rigorous, experimentally-based curriculum. Covered course topics include biochemistry, cell biology, ecology, energetics, molecular biology, genetics, taxonomy and an introduction to cutting edge aspects of biotechnology and regenerative medicine. Significant independent study is expected to enhance student comprehension and appreciation of the frequent class activities. Completion of frequent homework assignments, lab reports, quizzes, team projects, reading assignments and a major project are required for success. A score of 88th percentile or above in both Reading & Mathematics on the placement test or additional testing in May of the 8th grade year is required.

BIOLOGY**0421 A (1cr) 6/6 Freshmen Level 3**

This class is a year-long introduction to the concepts of biology through lectures, discussions, and some outside readings. The course will cover the following topics: cell biology, cell reproduction, cell chemistry, biochemistry, energetics of the cell, as well as genetics, evolution, human physiology and morphology, and ecology, with emphasis here on how the members of the plant and animal kingdoms are interrelated to form biological communities. Completion of homework assignments, experiment lab reports, team projects and exams are required.

MULTIPLE SCIENCE**0413 A (1cr) 6/6 Freshmen Level 2**

This course offers an interdisciplinary approach to the study of science. The student is exposed to biology/ecology, human physiology, chemistry, physics/energies of the earth and earth science.

HONORS CHEMISTRY**0420 A (1cr) 7/6 Sophomores Level 4**

This is a solid content course using discovery techniques to approach topics from the viewpoint of a chemist. The correlation of experimental data, to reveal its patterns, and the development and testing of models and theories are the emphasis of the course. Mathematical relationships are stressed. Topics covered include observational techniques, mole concept, gases and kinetic theory, condensed phases, energy changes, rates, phase equilibria, solubility equilibria, ionic equilibria, redox and electrochemistry. Students are required to perform experiments and turn in lab reports. Class work and home study are from the textbook and supplementary worksheets. Quizzes are given and chapter test are administered on class work. Grades are based on lab reports, tests, homework, quizzes and class work.

Prerequisites: Completion of honors biology with a grade of 80%, a math grade of 80% and a teacher recommendation

BIOLOGY

0422 A (1cr) 6/6 Sophomores Level 2

This course is an introduction to the concepts of biology through lectures, discussions, and some outside readings. Projects, lab reports and tests are required. The course will cover the following topics: cell biology, cell reproduction, and cell chemistry, as well as genetics, evolution, human physiology and morphology, and ecology, with emphasis here on how the members of the plant and animal kingdoms are interrelated to form biological communities.

CHEMISTRY

0431 A (1cr) 7/6 Sophomores and Juniors Level 3

This is solid content course using mathematical and laboratory skills to approach topics from the text. The correlation of experimental data to reveal its patterns, and the development of models and theories are emphases of the course. Mathematical relationships are stressed. Topics covered include observational techniques, S.I. system, formulas, nomenclature, chemical reactions, atomic theory, mole concepts, gases and kinetic theory, condensed phases, energy changes, rates, redox, electrochemistry, organic and biochemistry. Students are required to perform experiments and submit lab reports. Class work and home study are from the text. Chapter tests and quizzes are administered on class work.

Prerequisites: Completion of biology: 80% in math, and teacher recommendation based on previous science and math grades.

CHEMISTRY

0432 A (1cr) 6/6 Juniors Level 2

This is a descriptive chemistry course which includes the following topics: S.I. system, formulas, nomenclature, chemical reactions, atomic theory, mole concepts, gases and kinetic theory, energy changes, electrochemistry, organic chemistry and some practical applications of chemistry to the everyday world. The focus of the course will be more qualitative than quantitative with the development of laboratory skills when appropriate.

Prerequisites: Completion of biology. Placement by department

HONORS PHYSICS

0440 A (1cr) 7/6 Juniors and Seniors Level 4

The Honors Physics course is designed to be comparable to a first year algebra based college course and closely follows the course syllabus as designed by the College Entrance Examination Board (Physics B). Accordingly, topics include Mechanics, Wave Motion and Sound, Simple Harmonic Motion and Optics. This course substantially parallels the Advance placement Course except for the elimination of the use of a Calculus approach to problem solutions. Course requirements include frequent homework assignments, computer based lab experiments and regular tests (Approximately bi-weekly) Strong note taking is essential as certain aspects of the course material may not be included in the text.

Prerequisites: Minimum course grade of 85% in Algebra I, Geometry (first three quarters) and Honors Chemistry (first three quarters).
Concurrently enrolled in Algebra II or Trigonometry (Honors Level strongly Recommended)
Chemistry teacher recommendation

PHYSICS

0441 A (1cr) 7/6 Juniors and Seniors Level 3

This course is a descriptive, conceptual, mathematical study of the topics related to classical and modern physics. Although the course focuses more on the relational and conceptual aspects of the science, the required mathematics serves as the structural foundation for most topics which are presented. The topics are presented in a logical sequence so that conceptual and mathematical relationships can be explored and established. The topics covered are: Mechanics, Wave Motion, Light, Sound, Energy, Electricity/Magnetism, and Thermodynamics. Course requirements are: frequent written assignments and quizzes, as well as chapter tests.

Prerequisites: An 80% in Chemistry 431, Algebra I and Geometry 332 or 333 (concurrently enrolled).

PHYSICS

0442 A (1cr) 6/6 Juniors and Seniors Level 2

The course is a descriptive study of the topics related to classical and modern physics. Although the required mathematics serves as the structural foundation for most topics which are presented, the course focuses more on the conceptual and relational aspects of the science. The topics covered are: the Method of Science, Mechanics, Light, Sound, Energy, Electricity/Magnetism, and Thermodynamics. Completion of homework assignments, laboratory technique, lab reports, quizzes, tests, and class participation are required.

Prerequisites: Algebra I and Geometry (concurrently enrolled)

PHYSICS II

0446 A (1cr) 6/6 Seniors Level 3

Physics II is a second year course that is the logical continuation of the first year of study of mechanics into other branches of physics. It is an algebra-based course with some use of trigonometry. Comprehension and application of the fundamental laws of mechanics is required along with strong algebraic problem solving skills. The areas of study in Physics II will include: Heat and Thermodynamics; Electricity and Magnetism; Physical Optics and Optical Instruments and selected topics from Modern Physics such as Wave-Particle Duality, Bohr's Model of the Atom and early Quantum Mechanics. Course requirements include homework assignments, laboratory exercises, quizzes, chapter tests and 2 semester final exams.

Prerequisites: A minimum grade of 80% in a first year Physics course. Completion of Algebra II or Trigonometry; Teacher's recommendation; Class size limited to 24 students.

ADVANCED PLACEMENT BIOLOGY

0450 A (1cr) 7/6 Juniors & Seniors Level 5 CiHS

The advanced placement course is designed to be comparable to a first year college course in biology and to prepare the student for the advanced placement examination in biology. Students have the option of enrolling in the College in High School curriculum held in conjunction with Duquesne University. Class time is devoted primarily to experimentation, films, guest speakers and field trips, necessitating much student independent mastery of material. Students who elect A.P. Biology will be expected to design and complete one major project. They will also be required to turn in detailed lab reports and short research papers. Tests and quizzes will be given and there will be quarterly and semester examinations. Topics to be covered include molecular biology, biochemistry, microbiology, embryology, genetics, botany, physiology, anatomy, and ecology. Students must take the A.P. exam at the end of the course.

Prerequisites: 93% in General Biology; 90% in Chemistry; Physics; (students may be taking the year of Physics concurrently); teacher recommendation.

ADVANCED PLACEMENT CHEMISTRY

0458 A (1cr) 7/6 Juniors & Seniors Level 5 CiHS

The Advanced Placement Chemistry course is designed to be comparable to a first year college course and follows the course syllabus as designed by the College Entrance Examination Board who administers the examination. Topics covered include atomic theory, chemical bonding, nuclear chemistry, gases, liquids and solids, reaction types, equations, equilibrium, kinetics, and thermodynamics. Laboratory experiments will cover such topics as: the laws of definite and multiple proportions, freezing point depression, oxidation and reduction, pH, and qualitative analysis. Students will be expected to complete and mail in rather lengthy summer review assignments. Once the school year begins, homework assignments are given regularly. In class tests are administered at the completion of each chapter. Lab reports are due upon the completion of each experiment. Students who register for this course must take the A.P. Chemistry examination at the end of the course. They may also register for the College in High School program at the University of Pittsburgh. Students who enroll in the College in High School program will have to attend five lab sessions, four testing sessions and monthly review sessions at the University of Pittsburgh.

Prerequisites: 90% in Honors Chemistry (420); 90% in Math;
90% in Physics. (Students may be taking the year-long Physics course concurrently). Class size will be limited to 20 students. Teacher recommendation required.

ADVANCED PLACEMENT PHYSICS

0459 A (1cr) 7/6 Seniors Level 5

The Advanced Placement Physics course is designed to be comparable to a first year calculus based college course and closely follows the course syllabus as designed by the College Entrance Examination Board (Physics C) who administers the examination. Approximately $\frac{3}{4}$ of the course is devoted to a rigorous study of Mechanics, as prescribed by the A.P. College Board. The Calculus approach to problem solutions is used throughout the course where feasible. Both differential and integral calculus are used. Problem solving skills are emphasized. The remaining time is devoted to the study of Electricity and Magnetism. Students must take the Mechanics portion of the Physics "C" A.P. Examination at the end of the year.

Prerequisites: Minimum grade of 90% in 440/441 Physics for first three quarters.
Students must be concurrently enrolled in Calculus and receive the recommendation of 440/441 Physics teacher.

HONORS HUMAN ENVIRONMENTAL INTERACTION

0481 A (1cr) 7/6 Juniors and Seniors Level 4

Human Environment Interaction is an interdisciplinary subject for juniors and seniors serving to examine problems created by the interaction of humans with the natural world. It also seeks to provide possible remedies for the imbalances caused by human/nature interaction. Students will be exposed to major concepts in the field of human anatomy and physiology and the DNA science revolution, providing a background to better assess human health concerns. The following human physiological systems will receive emphasis: nervous, immune, reproduction (and development), digestive, cardiovascular, respiratory, musculo-skeletal, and hormonal. In addition, students will be exposed to three major environmental science themes: (1) the natural processes, both physical and biological, that operate in the world; (2) the role that technology plays in society and its ability to alter natural processes, as well as provide potential solutions to

HONORS SPANISH II

0520 A (1cr) 5/6 Sophomores Level 4

Honors Spanish 2 has as its goal the preparation of students for the Honors Spanish 3 course. Students enter the course with the assumption that they will study Spanish for four years and will intensively study history, literature, and composition in the fourth year.

Honors Spanish is an accelerated course in which second-year material will be covered more quickly and in greater depth than a regular class. Additional reading and listening comprehension activities will be part of the course, as well as individual and group activities. Evaluation will be based on quizzes, projects, homework, class work, and participation. Students will also be exposed to the customs and cultural practices of the Spanish speaking world.

Prerequisite: Advanced Spanish I and/or teacher approval

SPANISH II

0521 A (1cr) 5/6 Sophomores Level 3

The goal of Spanish II is that students will be able to perform basic language functions such as: asking for and giving directions, expressing likes and dislikes, and ordering food at a restaurant. As in Spanish I, the target language will be used for all but difficult grammatical situations. Evaluation will be based on quizzes, projects, homework, class work, and participation. Students will also learn about the key aspects of Hispanic culture. Students successfully completing this course will be qualified to take Spanish 3.

Prerequisite: Spanish I

SPANISH II

0522 A (1cr) 5/6 Sophomores Level 2

The 522 course follows the same guidelines as the 521 course. However, this course reinforces Spanish 511 material. Students spend more time in acquisition of basic vocabulary and performing basic language functions. This course is geared toward the student who has experienced difficulty in Spanish I. Evaluation in this course is based on projects as well as quizzes, tests, and participation. Students also learn about the key aspects of Hispanic culture, and work in pairs and in groups on a weekly basis.

Prerequisite: Spanish I

HONORS SPANISH III

0530 A (1cr) 5/6 Juniors Level 4

Honors Spanish 3 provides a continuation of advanced grammar and reading. The students will attempt to employ vocabulary and grammar in short essays and discussions. There will be emphasis on conversation and composition. The textbook employed will be *En Espanol* 2, stages 10-18, and *En Espanol* 3, supplemented by readings selected from *various sources*.

Prerequisite: Honors Spanish 2

SPANISH III

0531 A (1cr) 5/6 Juniors Level 3

Spanish 3 is designed for the student who has the interest and the ability to pursue language study at the third year level. The purpose of the course is to increase the student's oral, writing and comprehension abilities. Spanish 3 students will use the textbook *Asi Se Dice 2*, and will read other selections chosen by the instructor. Conversation on the readings and on open topics will be emphasized. Advanced grammar will be an important part of the analysis of the readings and will focus on the perfect tenses and the subjunctive mood. The study of Hispanic culture will be an integral part of this course. Evaluation will be based on oral participation, outside readings and assignments, essays and objective exams, class project (skits, roundtable discussions, recitations, etc.).

Prerequisites: Spanish 2 with a C+ average or above and teacher approval

SPANISH III

0532 A (1cr) 5/6 Juniors and Seniors Level 2

This course is designed for the student who is interested in continuing the study of Spanish beyond the required two years but has experienced a difficulty with grammar and syntax. The primary objective will be to review and strengthen already learned structures and add advanced grammar at a manageable pace. Students will use the text *Asi Se Dice2* and will be evaluated on class participation and written examination.

Prerequisites: Spanish 2 (521) with at least a C- average or better and teacher approval.
Students in Spanish 2 (522) with at least a B average may be admitted to his course with teacher approval.

HONORS SPANISH IV

0541 A (1cr) 5/6 Seniors Level 4

After three years of Spanish, the fourth year student now has the background to concentrate on the skills which most interest him. Spanish 4 is designed to provide each student with opportunities to improve his speaking, writing, reading and comprehension abilities, as well as his knowledge of the Hispanic world. Spanish and Latin American history are explored. The text, *En Espanaol 3*, is used. In conjunction with the cultural, historical readings, the student reviews and practices grammar by using the text: *Amsco: Three Years*. Evaluation will be based on examinations, daily conversations in Spanish in the classroom, and oral and written work. Students receive honors level credit for this course. Students must have a B+ or higher average in Spanish III and teacher approval.

HONORS SPANISH V

0542 A (1cr) 5/6 Seniors Level 5

This fifth year of Spanish has been created for the advanced student who has completed the four year Spanish program. The student has already covered the major grammar points and tenses in the Spanish language. This course which is conducted in the target language will help students to become more fluent in the spoken language through daily conversation. The student will also study the history, literature and culture of Spain, Mexico and Latin America in the target language. The student will also be able to concentrate on specific vocabulary related to their future field of study. Requirements for the class are that the student has completed Honors Spanish 4 or A.P. Spanish and the recommendation of their present Spanish teacher. This course will only be offered if there are enough students who select the class.

ADVANCED PLACEMENT SPANISH

0550 A (1cr)

5/6 Seniors

Level 5

CiHS

A. P. Spanish is directed toward the use of Spanish grammar in conversation through skits, panel discussions and tape recordings. Students will reinforce correct usage through written paragraphs and oral reports. Readings from various sources will be selected by the instructor. Use of tapes for auditory comprehension and testing is an integral part of this course. The Text *Espanol 3* will be used. Don Quijote is read as well as one play by Lorca. Students are required to take the AP Spanish Language Exam in May. Students successfully completing the course can receive six college credits from Duquesne University.

Prerequisites: Must have a 93% in Honors Spanish 3 and teacher approval.

FRENCH I

0515 A (1cr)

5/6 All Students

Level 3

This course introduces the students to the four skills necessary in learning a foreign language: speaking, listening comprehension, writing and reading. The first two are especially emphasized in addition to pronunciation and phonetics. Through the use of oral drills in the target language, the student acquires new phrases and vocabulary necessary for conversation. Oral and listening exercises reinforce the new vocabulary and grammar. Text used is *Discovering French Nouveau*. The grade will be based on quizzes, tests, class participation, and collected homework exercises.

FRENCH II

0525 A (1cr)

5/6 Fresh. and Soph.

Level 3

French 2 will continue and finish the *Discovering French Nouveau* book. Review of French 1 material will not be conducted formally, but as structures and vocabulary are encountered they will be reviewed. Each student is responsible for those structures and must be sure he has mastered them. The grade will be based on tests, quizzes, class participation, and collected homework.

FRENCH III

0535 A (1cr)

5/6 Soph., Jrs., and Srs.

Level 3

The text for French 3 will be *Discovering French Nouveau*, the second book in the series used in French 1 and French 2. This class is an elective for those students who enjoy the language and have the interest and ability to continue on the third level. Students are expected to work on a daily basis. The class size is usually smaller than during the first two years and more oral proficiency is required since more French is used. Listening skills are necessary to facilitate comprehension. Review of vocabulary and grammar is integral to the class. When past structures or words are encountered they are reviewed both orally and in written form. The student must continue this review, as he requires. He must take notes. Evaluation is through quizzes, tests, homework and daily participation.

Prerequisites: Students must have a C+ average in French 2 and teacher approval

LATIN II

0527 A (1cr) 5/6 Sophomores Level 3

The Latin 2 course completes the basic introduction to Latin begun in Latin 1. It refines and expands concepts of grammar and syntax, enlarges vocabulary, and fosters mastery of all the necessary forms used in Latin literature. More reading and writing are expected of the students as well as greater fluency and command of the language. This course introduces a wide array of new and more advanced grammar. Through the text book readings the student will develop an understanding of the social and political history of the Romans, especially during the first century B.C.

LATIN III

0537 A (1cr) 5/6 Juniors and Seniors Level 3

The Latin 3 course completes the study of Latin grammar and starts the reading of unabridged Latin prose and poetry. Students also begin to examine style variations used in Roman literature as well as poetic meter and literary devices. After the completion of the advanced grammar text, the student will grow in his appreciation of Latin literature by the reading of the Orations of Cicero, and Ovid's *Metamorphosis*.

Prerequisite: A grade average of 80% or higher in Latin 2 and instructor approval

HONORS LATIN IV

0547 A (1cr) 5/6 Seniors Level 4

The Latin 4 course includes a review of advanced Latin grammar and a reading. The student will then embark on a study and reading of the *Aeneid* of Virgil. The students translate Books I, II, IV and VI. Emphasis is placed on the literary analysis of the *Aeneid*. Attention to meter and the use of poetic devices are covered throughout the year.

Prerequisite: A grade average of 85% or higher in Latin 3 and instructor approval

ARABIC I

0561 A (1cr)5/6 Seniors Level 3

This course introduces the student to the everyday life, language and customs of those nations where Arabic is the principle language. This course will concentrate on the use of the spoken language. The main goal of the course is to enable the student to converse in the target language using basic, everyday vocabulary. The student will be evaluated on their ability to orally respond in class as well as taking written exams and quizzes. A student must have the recommendation of their current language teacher as well as an A average in their present language course.

Space is limited to 15 students

Department chair approval is required

DEPARTMENT OF BUSINESS

ACCOUNTING I**0635 A (1cr) 6/6 Juniors and Seniors Level 3**

The purpose of the course is to instruct the student how to keep orderly financial records, summarize them for convenient interpretation, and then analyze them. The course will introduce students to the financial operations of various types of businesses. Manual and automated methods of processing financial data will be covered in detail. Three accounting projects will be a course requirement, and a problem test will be given after each unit in the text is finished.

FINANCIAL ALGEBRA**0648 A (1cr) 6/6 Seniors Level 3**

This course is for developing an understanding of financial algebra in business and in life. The student will apply skills mastered in Algebra 1 and 2 to real world business problems and financial decisions in life. The student will use algebra skills to solve problems in the following areas; Investing, Banking, Credit, Income Tax, Insurance, and Household Budgeting. This is a full year course offered to seniors. This course also fulfills 1 credit of mathematics.

Requirement: 80% or above in Algebra 2

Introduction to Technology for the 21st Century**0675 S (1/2cr) 6/6 Freshmen Level 3**

Using robotics kits, students will work in groups of two or three to develop solutions to basic problems. To implement their solutions, they will learn basic programming skills to build and program robot models. Working as a team will be emphasized and evaluated.

Students will be competent and comfortable using the Central Catholic network, PowerSchool, Moodle, Microsoft operating system and Office applications. The Internet as a research, resource and social media tool will be covered. Internet safety and appropriate use will be emphasized.

Students will have projects, written assignments, computer assignments, quizzes, and unit tests.

ADVANCED SOFTWARE APPLICATIONS**0676 A (1cr) 6/6 Seniors Level 3**

This course is offered to students who are interested in learning how the Web works. The student will learn HTML (Hyper-Text Markup Language) the base language of the Web. The student will learn CSS (Cascading Style Sheet) a way of enhancing Webpages. The student will be introduced to JavaScript and Visual Basic, languages that enhance and create a more dynamic Webpage. Students will have written assignments, programming problems, quizzes and unit tests

CONSUMER FINANCIAL EDUCATION**0661 S (1/2cr) 6/6 Seniors Level 3**

This course introduces financial concepts and consumer education to the student. Topics covered will be career preparation, career choices, savings and investing, uses of credit, insurance, and income taxes. Students will have written tests, quizzes, unit tests and a comprehensive final exam.

INTRODUCTION TO LAW

0667 S1 (1/2cr) 6/6 Seniors Level 3

The purpose of the course is to introduce the students to the conflict between authority and individual freedom in our society. Topics covered will include The Constitution, criminal law and procedure, development of the due process and equal protection under the Constitution, individual liberty and political rights. One term paper will be required and students will be tested at the conclusion of each unit.

INTRODUCTION TO MARKETING

0668 S2 (1/2cr) 6/6 Seniors Level 3

This course develops an understanding of the principles of marketing. This course is intended to prepare those students interested in a marketing career for continued study at the post-secondary level. Students will be introduced to the emerging global economy. Through active involvement and simulation, students will learn how to build a successful marketing program.

DEPARTMENT OF ART

STUDIO ART I

0710 A (1cr) 5/6 Freshmen Level 3

Studio Art I provides an introduction to the elements and principles of art and design, perspective and lettering techniques. This course is a foundation program designed to introduce basic drawing, color and design techniques.

STUDIO ART II

0721 A (1cr) 5/6 Sophomores Level 3

Studio Art II is an introduction to drawing of objects and people. Other media introduced this year are relief print process, collage, show card paints and mixed media.

STUDIO ART III

0731 A (1cr) 5/6 Juniors Level 3

Studio Art III is designed to master the drawing techniques learned in Art II. Print making, sculpture, and acrylic painting are introduced in the second semester.

Prerequisite: Studio Art II

STUDIO ART IV

0741 A (1cr) 5/6 Seniors Level 4 CiHS

Studio Art IV is designed to fulfill three goals:

1. Introduce new techniques of intaglio, lithography and drawing
2. Prepare an acceptable portfolio
3. Produce an opportunity to participate in the scholastic art competition and an opportunity for a "one man show" at the end of the school year.

Students have the opportunity of participating in the College in High School Program in conjunction with LaRoche College.

Prerequisite: Studio Art III

DEPARTMENT OF MUSIC

VOCAL MUSIC I (VIKING CHORUS)**0815 A (1cr) 4/6 Freshmen Level 3**

The Viking Chorus consists of a group of singers who wish to refine their musical ability. Basic music reading and theory will be introduced through vocal literature. Evaluation will be based on performance exams, written assignments, and written tests. Students will participate in 2 major concerts each year.

Prerequisite: Approval of the Director

INSTRUMENTAL MUSIC (BAND)**0881 A (1cr) 6/6 All students Level 3**

Participation in the Marching Band and the Concert Band is based on demonstrated musical competence and knowledge. Instrumental techniques and basic musicianship are introduced, reinforced and refined in performance. The student will participate in all marching and concert band functions, including football game appearances, parades, concerts, assemblies, festivals, adjudication's, etc. Evaluation is based on musical performance and written assignments.

Prerequisite: Approval by the Instrumental Director, based on audition. Also, because of the public nature of this course, the prospective student must have exemplary conduct

VOCAL MUSIC (CONCERT CHOIR)**0882 A (1cr) 4/6 Soph., Jrs., Srs. Level 3**

Concert Choir consists of a select group of singers whose primary purpose is performing male vocal literature at a high level of artistic achievement. Participation in public performances outside of class time is a requirement for all who elect this course. Evaluation is based on musical performance and written assignments.

Prerequisite: Approval by the Choral Director, based on audition. Also, because of the public nature of this course, the prospective student must have exemplary conduct.

ADVANCED VOCAL MUSIC (CHAMBER SINGERS)**0884 A (1cr) 6/6 Soph., Jrs., Srs. Level 3**

Chamber Singers consists of a highly selective group of singers whose primary purpose is performing more advanced and challenging male vocal literature at a high level of artistic achievement. Participation in public performances outside of class is a requirement for all who elect this course. Evaluation is based on musical performance and written assignments.

Prerequisite: Approval by the Choral Director, based on audition. Also, because of the public nature of this course, the prospective student must have exemplary conduct

MUSIC THEORY

0886 S2 (1/2cr) 6/6 Juniors and Seniors Level 3

A compositional approach to the melodic, harmonic, rhythmic and formal structures of music will be studied. The student will analyze examples of these structures to formulate those principles which will form the basis of his own musical exercises and compositions. Ear training will enable the student to achieve an aural comprehension of these musical structures. Evaluation will be based on written assignments and ten tests.

Prerequisites: Approval of the Director and basic music reading ability

HONORS INSTRUMENTAL MUSIC (HONORS BAND)

0887 A (1cr) 6/6 Sophomores, Juniors and Seniors Level 4

In addition to the regular concert band course requirements students will be required to do quarterly performance of selected scales from memory (other selected studies for percussion), music for individual evaluation selected by the instructor, and two written reviews per quarter of complete classical or jazz recordings. Students must participate in the Diocesan Festival Band.

Prerequisites: Successfully pass audition

Audition music to be determined by director

JAZZ BAND

0888 A (1cr) 6/6 All Students Level 3

The Blue Knights Jazz Band gives students the opportunity to perform music in the genres of jazz, swing, and rock in a big-band setting. The historical context of these genres will be explored in the course, with understanding of the styles demonstrated through musical performance. The concepts of jazz improvisation will also be introduced. Students will be evaluated based on musical performance and written assignments.

Prerequisites: Students must play a jazz instrument (saxophone, trumpet, trombone, guitar, bass guitar, piano, or drum set).

SURVEY OF MUSIC HISTORY

0889 S1 (1/2cr) 6/6 Juniors and Seniors Level 3

Survey of Music History is offered mainly for students who wish to deepen their music historical study. Western Classical music and American Popular music will be covered in this course. Since music is a reflection of life, the class in nature will be cross-disciplinary, incorporating aspects of world history. Materials will be presented through class lecture, readings from text, listening examples, and independent study. Evaluation methods will consist of tests/exams, listening quizzes, homework assignments, and research papers.

DEPARTMENT OF PHYSICAL EDUCATION

PHYSICAL EDUCATION

0911 A (1/2cr) 6/6 Freshmen Level 1

The ultimate goal of Physical Education is to facilitate students in improving their quality of life through promotion of lifelong health enhancing physical activity. In today's society, "physical activity is not only a leisure time luxury it is an essential component of a healthy lifestyle for individuals of all ages" (Young 2003). At Central Catholic students will learn why regular planned physical activity is important, how to develop a personal plan for being physically active, concepts necessary for successful participation in regular physical activity, and how personal responsibility/interpersonal cooperation can make physical activity a winning proposition for everyone. The course will emphasize each student; determining their current level of personal physical fitness in relation to health standards, recognizing the reasons for their current fitness level, recognizing that they have the power to change their fitness level, setting short and long term fitness goals, and working throughout the course to reach their personal fitness goals.

The curriculum focuses on lifetime fitness and physical activity. Students are encouraged to work together in promoting course and individual goals. Activity units to be covered include: Fitness Assessments & Goal Setting, Strength Training I & II, Cooperative Games, Field & Court Sports.

HEALTH

0924 A (1/2cr) 3/6 Sophomores Level 3

Health Education is designed to provide students with the skills and information needed to maintain a healthy lifestyle throughout their lives. This course is designed to provide students with an opportunity to learn about the physical, mental/emotional, and social aspects of health. An emphasis is placed on the importance of making healthy decisions that will lead to a higher quality of life. Course information is presented in a practical manner incorporating current health trends and concerns. Content areas will include but are not limited to: Personality, Stress, Mental Disorders, Relationships (bullying prevention), Nutrition, Weight Management, Body Systems, Non-infectious Disease, Human Growth and Development, A.I.D.S. and other STD'S, Alcohol, Tobacco, Drugs and Personal Safety, CPR, First Aid & Safety.

Health will automatically be added to the schedule of all sophomores. Please do not enter Health on the Course Selection Card.

A PERSONAL APPROACH TO PHYSICAL FITNESS AND NUTRITION

0935 S (1/2cr) 6/6 Juniors and Seniors Level 3

The course will address the importance of proper nutrition and regular exercise enabling the student to make informed, healthy choices. This class will give students a basic knowledge base on the five pillars of physical fitness: Muscular Endurance, Muscular Strength, Cardio-respiratory Endurance, and Flexibility, body Composition. Course will also give students a basic understanding of proper nutrition, performance based nutrition, supplementation, and disease prevention through proper nutrition. Self-assessment is done throughout the year to evaluate student's basic knowledge of nutrition and personal level of fitness. Course is designed to also help students set realistic and achievable goals. Teacher/student assessment will emphasize the student's improvement on an individual basis. This course takes into consideration a variety of contraindication (asthma, obesity, orthopedic, etc.) to exercise. Students choose a variety of activities to ensure personal success. Course will also give students a general idea of the needs and expectations necessary to pursue a career in personal Training, Athletic training, and Nutrition/Dietician.

ESSENTIAL CONCEPTS IN ATHLETIC TRAINING

0937 S (1/2cr) 3/6 Juniors and Seniors Level 3

The course will be an introduction to the basic and essential elements of Athletic Training including emergency management, recognition, evaluation and follow-up care for injury and illness. Treatment protocols, taping techniques and other fundamental concepts relating to athletic injury care are discussed as they relate to prevention and management. Students will be required to perform "observation" hours in the Athletic Training Room after school hours at scheduled athletic practices and events.

Space is limited to 15 students for "hands-on" labs in the Athletic Training Room

Prerequisites: Students must have completed Biology and Health courses

Departmental Approval is required

GENERAL REMINDERS

ELECTIVES

Elective courses for which there are fewer than 10 registrants may be canceled.

FEE PAYMENTS

Any student who still owes tuition as of June 1, 2012, will not be scheduled for classes for the 2012-2013 school year.

FAILURES

Any student who fails a total of three full credit subjects, as of June, 2011 will not be permitted to return to Central Catholic. Any student with failures totaling less than three credits may return to Central Catholic provided all of the courses failed are passed in an approved summer school program.

COURSE SELECTION GUIDE

GRADUATION REQUIREMENTS

Religion	4 credits	Science	3 credits
English	4 credits	Foreign Language	2 credits
Social Studies	3 credits	Health / Phys Ed	1 credit
Mathematics	3 credits	Electives	5 credits
Fine Arts	.5 credit*	Computer Literacy	.5 credit*

* Beginning with the Class of 2015
One credit is equal to two semesters of course work.

SENIORS

- a) All seniors must take six subjects each semester. Every attempt will be made to balance each semester with six classes, although particular patterns of elective choices may necessitate having an unbalanced course load during one semester.
- b) Requirements:
 - One credit each in Religion and English
 - Four credits in elective courses
- c) For College in High School (CiHS) courses, the credits granted by the participating colleges are transferable to other colleges in many instances. Each college reserves the right, however, to make its own decision regarding acceptance.
- d) While most colleges/universities grant credit for successful performance (grade 3 or better) on the Advanced Placement exams, not all adopt the exact same policy. If you are enrolling in an AP course, you may wish to investigate the policy of those colleges/universities to which you are planning to apply.

JUNIORS

- a) All juniors must take one credit in each of the following: Religion, English, Social Studies, Math and Science
- b) All juniors must take an equivalent of one credit elective. (an elective full-year or two single semester courses.)
- c) For College in High School (CiHS) courses, the credit granted by the participating colleges is transferable to other institutions in many instances. Each college reserves the right, however, to make its own decision regarding acceptance.
- e) While most colleges/universities grant credit for successful performance (grade of 3 or better) on the Advanced Placement tests, not all adopt the exact same policy. If you are enrolling in an AP course, you may wish to investigate the policy followed by those colleges/universities to which you are planning to apply.

SOPHOMORES

- a) All sophomores must take one credit each of the following six subjects: Religion, English, Social Studies, Math, Science, and Language
- b) All sophomores will take Health both semesters. Sophomores qualifying for Studio Art, Chorus, or Band may be required to take Health junior year.

CENTRAL CATHOLIC HIGH SCHOOL
SENIOR COURSE 2012-2013

Seniors must have minimally two full credits courses in those departments **marked with an asterisk**, plus an **equivalent of four full credit electives**. *This card is due to your counselor by March 23, 2012.*

You must register your courses on-line through PowerSchool by March 21, 2012 at the very latest.

Enter Course Numbers & Credits in the spaces provided.

Department	Semester (1/2 credit)	Semester (1/2 credit)	Full Year (1 credit)	Credit Totals	Teacher Approval
*RELIGION	XX	XX		1	
* ENGLISH					
SOCIAL STUDIES					
MATHEMATICS <i>(elective)</i>					
SCIENCE <i>(elective)</i>					
FOREIGN LANGUAGE <i>(elective)</i>	XX	XX			
BUSINESS <i>(elective)</i>					
ART <i>(elective)</i>	XX	XX			
MUSIC <i>(elective)</i>					
OTHER ELECTIVE					
TOTAL CREDITS					☞ Minimum of 6 total credits

ALTERNATE					
ALTERNATE					

I have reflected on my academic potential and needs and have concluded that the courses listed above represent the best choices for me. I realize that my course selections will be shared with my parent(s) for approval. I also recognize that my schedule will be finalized on August 1, 2012, and I will not be permitted to make any class changes after that date.

STUDENT SIGNATURE _____ **DATE** _____

Parent/Guardian Signature _____ **DATE** _____

CENTRAL CATHOLIC HIGH SCHOOL
JUNIOR COURSE 2012-2013

Juniors must register for **five year long courses** in those areas marked with an asterisk, plus an equivalent of **one credit** elective (either a full year or two single semester courses). *This card is due to your counselor by March 23, 2012.*

You must register your courses on-line through PowerSchool by March 21, 2012 at the very latest.

Enter Course Numbers & Credits in the space provided.

Department	Semester	Semester	Full Year	Credit Total	Teacher Approval
*RELIGION	XX	XX	033	1	N/A
*ENGLISH					
*SOCIAL STUDIES	XX	XX			
*MATHEMATICS	XX	XX			
*SCIENCE	XX	XX			
FOREIGN LANGUAGE <i>(elective)</i>	XX	XX			
BUSINESS <i>(elective)</i>					
ART <i>(elective)</i>	XX	XX			
MUSIC <i>(elective)</i>					
PHYSICAL EDUCATION					
TOTAL CREDITS					
ALTERNATE					

I have reflected on my academic potential and needs and have concluded that the courses listed above present the best choices for me. I realize that my course selections will be shared with my parent(s) for approval. I also recognize that my schedule will be finalized on August 1, 2012, and I will not be permitted to make any class changes after that date.

STUDENT SIGNATURE _____
Parent/Guardian Signature _____

DATE _____
DATE _____

CENTRAL CATHOLIC HIGH SCHOOL
SOPHOMORE COURSE 2012-2013

Sophomores must have **six year long credit courses** in each academic area marked with an asterisk. *Additionally, each sophomore will automatically be scheduled both semesters for one-half credit of Health. This card is due to your counselor by March 23, 2012.*

You must register your courses on-line through PowerSchool by March 21, 2012 at the very latest.

Enter Course Number & Credit in the spaces provided.

Department	Semester	Semester	Full Year	Credit Total	Teacher Approval
*RELIGION	XX	XX	022	1	N/A
*ENGLISH	XX	XX			
*SOCIAL STUDIES	XX	XX			
*MATHEMATICS	XX	XX			
*SCIENCE	XX	XX			
*FOREIGN LANGUAGE	XX	XX			
ART <i>(elective)</i>					
MUSIC <i>(elective)</i>					
*HEALTH	XX	XX	924	1/2	N/A
TOTAL CREDITS					

I have reflected on my academic potential and needs and have concluded that the courses listed above represent the best choices for me. I realize that my course selections will be shared with my parent(s) for approval. I also recognize that my schedule will be finalized on August 1, 2012, and I will not be permitted to make any class changes after that date.

STUDENT SIGNATURE _____
Parent/Guardian Signature _____

DATE _____
DATE _____

Step 1: Log on to PowerSchool and onto Navigation List click Course Registration

Step 2: Click the pencil to see course choice-check the appropriate course number for each course

10th grade an minimum of 6.5 credit---maximum of 7 credits

11th grade a minimum of 6 credit---maximum of 7 credits

12th grade a minimum of 6 credits---maximum of 7 credits

Step 3: Check your selection---click submit

PowerSchool

Navigation

- Grades and Attendance
- Grade History
- Attendance History
- Teacher Comments
- School Bulletin
- Class Registration
- My Calendars

Welcome to the Central Catholic High School Class Registration System for 2012-2013

View course requests

Religion	Religion II 0022 - 1 credits		
English		Click the edit button to request a course →	
Electives		Click the edit button to request a course →	
Social Studies		Click the edit button to request a course →	
Mathematics		Click the edit button to request a course →	
Science		Click the edit button to request a course →	
Foreign Language		Click the edit button to request a course →	
Health			

Update Available!

Available on the App Store



NCAA ELIGIBILITY CENTER RECOGNIZED COURSES

The NCAA has approved the following Central Catholic courses for the 2011-2012 Academic year. These courses will be included in the GPA calculations and credit requirements for NCAA eligibility. Any courses not listed on this sheet will not count towards NCAA eligibility determinations.

All students considering participating in varsity-level athletics at an NCAA Division I or Division II school must register with and meet the qualifications set by the NCAA Eligibility Center. To register, and determine whether you meet the NCAA Eligibility Center requirements, all students should go to the NCAA Eligibility Center website, <http://www.eligibilitycenter.org>. There is a \$60 registration fee for each student.

The College Counseling Office and Central Catholic typically offer an NCAA Eligibility Center basics information evening program during the course of the school year. If you are considering playing sports in college, you are encouraged to look for the dates and attend this program to ensure your course selections enable you to pass NCAA regulations.

English Department

Title

AMERICAN LITERATURE	WRITING THE ESSAY
HONORS AMERICAN LITERATURE	PRINCIPLES OF PUBLIC SPEAKING
ARGUMENT & DEBATE	SURVEY OF AMERICAN LITERATURE
BRITISH LITERATURE	SURVEY OF BRITISH LITERATURE
HONORS BRITISH LITERATURE	SURVEY OF WORLD LITERATURE
ENGLISH I	WORLD LITERATURE
HONORS ENGLISH I	HONORS WORLD LITERATURE
AP ENGLISH	

Social Studies Department

Title

HONORS AMERICAN GOVERNMENT	PSYCHOLOGY
AP AMERICAN GOVERNMENT	SOCIOLOGY
INTRODUCTION TO CIVICS & ECONOMICS	US HISTORY
AP EUROPEAN HISTORY	AP US HISTORY
HISTORY OF PITTSBURGH AND WEST PA	HONORS US HISTORY
HISTORY OF MODERN AMERICA	WORLD HISTORY
HONORS COMPARATIVE GOVERNMENT	WORLD HISTORY I
HONORS JUNIOR SEMINAR	WORLD HISTORY II
HONORS WORLD HISTORY I	HONORS WORLD HISTORY II

Mathematics Department**Title**

HONORS ALGEBRA I	GEOMETRY
ADVANCED ALGEBRA I	ADVANCED GEOMETRY
ALGEBRA II	HONORS GEOMETRY
ADVANCED ALGEBRA II	ADVANCED MATHEMATICS
HONORS ALGEBRA II AND GEOMETRY	PRE-CALCULUS
HONORS ALGEBRA II	PROBABILITY & STATISTICS
AP STATISTICS	HONORS TRIG & MATH ANALYSIS
AP CALCULUS	TRIGONOMETRY
HONORS CALCULUS	

Science Department**Title**

BIOLOGY I	ENVIRONMENTAL SCIENCE
HONORS BIOLOGY I	MULTIPLE SCIENCE
HONORS BIOLOGY II	PHYSICS
AP BIOLOGY	PHYSICS II
CHEMISTRY	HONORS PHYSICS
HONORS CHEMISTRY	AP PHYSICS
AP CHEMISTRY	

Additional Core Courses**Title**

ADVANCED SPANISH I	LATIN II
ARABIC I	LATIN III
FRENCH I	LATIN IV
FRENCH II	SPANISH I
FRENCH III	SPANISH II
FRENCH IV	HONORS SPANISH II
GERMAN I	SPANISH III
GERMAN II	HONORS SPANISH III
GERMAN III	HONORS SPANISH IV
HONORS GERMAN IV	HONORS SPANISH V
ITALIAN I	AP SPANISH
LATIN I	