

GUARDIAN ANGELS CENTRAL CATHOLIC

Preparing all students to reach their fullest potential by learning and leading through Christ.

Curriculum Guide 2011—2012



Table of Contents

ACADEMIC STANDING	1
GENERAL INFORMATION.....	1
REGISTRATION PROCEDURES.....	1
REQUIREMENTS FOR GRADUATION.....	2
CLASSES REQUIRED BY GRADE LEVEL.....	3
SERVICE HOURS	4
SERVICES.....	5
OFFICE AIDE	5
MEDIA CENTER AIDE	6
TEACHER AIDE	6
COURSES OFFERED TO CENTRAL CATHOLIC STUDENTS	7
COURSES OFFERED BY GRADE LEVEL	8
7TH GRADE	8
8TH GRADE	8
9TH GRADE	8
10TH GRADE	8
11TH GRADE	9
12TH GRADE	9
COURSE DESCRIPTIONS.....	11
RELIGION.....	11
BUSINESS/COMPUTER EDUCATION	13
ENGLISH.....	15
FOREIGN LANGUAGE	17
MATHEMATICS.....	19
PHYSICAL EDUCATION	21
SCIENCE.....	22
SOCIAL SCIENCES	24
VISUAL AND PERFORMING ARTS AND COMMUNICATIONS.....	25
SHARED CLASSES	28
EARLY ENTRY PROGRAM	28
NORTHEAST COMMUNITY COLLEGE ONLINE COURSES	30

**CURRICULUM GUIDE
CENTRAL CATHOLIC HIGH SCHOOL
WEST POINT, NEBRASKA**

This booklet is presented by the entire staff of Central Catholic High School as a source of information regarding the courses of study and the enrollment procedure of the school.

ACADEMIC STANDING

Central Catholic High School is fully accredited by the North Central Association of Colleges and Secondary Schools and has been since 1941. Central Catholic is also accredited by the State of Nebraska Department of Education and is on the list of Class A accredited schools as established by the members in good standing of the Secondary School Department of the National Catholic Education Association.

GENERAL INFORMATION

The courses listed in the booklet are tentative offerings for the school year. These courses will be offered **ONLY** if enough students enroll to merit the class.

The teachers, guidance counselor, and administrative staff of Central Catholic are ready to assist all students in selecting a schedule. If there are questions, please begin with the teachers or guidance counselor. Students are advised to use the recommendations and experience of the school staff when enrolling in classes. Final decision on enrollment rests with the administration.

Credit hours are the value placed on various courses. A subject which meets five times a week yields five credit hours per semester. The credit hours for each class are indicated for each class. Each student must register for classes required at their specific grade level and enough electives to meet graduation requirements.

Registration for the next school year will be conducted during the second semester of the previous school year. It is conducted at this time so the school can efficiently plan for the next school year. There will be a designated drop and add period prior to the beginning of each semester. Once a semester has started, student or parent initiated dropping and adding of classes will not be permitted.

REGISTRATION PROCEDURES

Students will receive 3 deadlines for registration. Assuming there are no conflicts, students who meet the first deadline will be allowed into the classes they are signed up for if they meet the prerequisites. Students missing the first deadline but making the second deadline will be put onto a waiting list for any classes that

are full. Students not meeting the final deadline will have their schedule decided for them by the administration.

REQUIREMENTS FOR GRADUATION

In granting credits, Central Catholic follows a semester credit system. According to this plan, one semester-hour of credit means the value assigned for one period of instruction per week for an entire semester.

Class of 2012

To complete the requirement for graduation, a student must have successfully passed a minimum of 250 credit hours including: 205 required credits and 45 elective credits.

RELIGION	40 Credits
ENGLISH	40 Credits
MATH	30 Credits
SOCIAL STUDIES	30 Credits
SCIENCE	30 Credits
PHYSICAL EDUCATION/HEALTH	15 Credits
VISUAL & PERFORMING ARTS (Music, Drama, and Art)	10 Credits
COMPUTER APPLICATIONS I	5 Credits
SPEECH I	5 Credits
SERVICE HOURS	160 Hours

Class of 2013 and beyond

To complete the requirement for graduation, a student must have successfully passed a minimum of 250 credit hours including: 225 required credits and 25 elective credits.

RELIGION	40 Credits
ENGLISH	40 Credits
MATH	30 Credits
SOCIAL STUDIES	30 Credits
SCIENCE	30 Credits
FOREIGN LANGUAGE	20 Credits
PHYSICAL EDUCATION/HEALTH	15 Credits
VISUAL & PERFORMING ARTS (Music, Drama, and Art)	10 Credits
COMPUTER APPLICATIONS I	5 Credits
SPEECH I	5 Credits
SERVICE HOURS	160 Hours

CLASSES REQUIRED BY GRADE LEVEL

Required classes for graduation are listed below. Students are required to enroll and receive credit in the listed classes. The remaining credits can be selected from elective courses offered at the respective grade levels. Students planning to attend college are encouraged to include two additional years of one foreign language, upper level math and science courses. No academic credit will be given for participation in sports or activity events not directly related to the approved curriculum.

Central Catholic requirements for graduation for classes 2012:

FRESHMAN

Religion 9
English 9
Physical Science
Computer Applications (one semester)
World Geography (one semester)
Algebra II
Math: Pre-Algebra, Algebra I or Geometry
P.E. 9

SOPHOMORE

Religion 10
English 10
Environmental Science
Speech I (one semester)
Math: Algebra I, Geometry or Algebra II
World History

JUNIOR

Religion 11
English 11
Math: Geometry, Algebra II, Pre-Calculus
or AP Statistics *
Activities or Fitness
Science: Chemistry, AP Physics*, AP
Biology*, Advanced Physical Science
or Physiology
American History

SENIOR

Religion 12
English 12
Government
Advanced Health, Lifetime

**Advanced Placement*

Central Catholic requirements for graduation for classes 2013 and beyond are:

FRESHMAN

Religion 9
English 9
Physical Science
Computer Applications I (one semester)
World Geography (one semester)
Algebra II
Math: Pre-Algebra, Algebra I or Geometry
P.E. 9
Foreign Language

SOPHOMORE

Religion 10
English 10
Environmental Science
Speech I (one semester)
Math: Algebra I, Geometry or Algebra II
World History
Foreign Language

JUNIOR

Religion 11
English 11
Math: Geometry, Algebra II, Pre-Calculus
or AP Statistics*
Activities or Fitness
Science: Chemistry, AP Physics*, AP
Biology*, Advanced Physical Science or
Physiology
American History

SENIOR

Religion 12
English 12
Government
Advanced Health, Lifetime

* *Advanced Placement*

SERVICE HOURS

One of the fundamental realities of the Catholic Church is that she is apostolic. This means that, like the Apostles, all members of the Church share in the mission of being “sent out” to spread the Kingdom of Christ on earth.

The Service Hour program has been developed at Central Catholic to help form students according to the mission of the Gospel so that they might become contributing members of society and have a positive Christian influence upon it.

This program gives the students the opportunity to explore their own gifts and talents in an active way and allows them to be cultivated according to the promptings of the Holy Spirit. In this way Central Catholic hopes to aid each student in uncovering his/her own vocation of love and service on the way to salvation. Furthermore, Central Catholic desires that its students be a visible witness within the community of what it means to live the Christian life fully and unashamedly, not for the sake of being “seen” but for the sake of being imitated as Christian models of holiness.

Therefore, all Central Catholic students are required to give of their time and talents in outward, visible service to neighbor. Because we are “sent out” by the command of our Savior, these good works motivated by faith should extend beyond the home and family into the community.

Number of Hours:

In order to graduate from Central Catholic High School, each student must complete at least 40 hours of service each year of high school for a cumulative total of at least 160 hours. Students should complete 10 service hours per quarter with a minimum of 20 service hours per semester. Should a student fail to complete at least 20 service hours in any given semester by the deadline,

he/she would receive no credit for that semester of Religion, thus failing, and be required to repeat that particular semester of Religion class.

Limitations on Required Hours of Service:

No more than ten hours of service done during the summer may be applied to the upcoming school year's total.

Timeline:

To pass Religion class and to graduate, all seniors must have their Service Hours completed and turned in no later than the last day of each quarter and the last Friday in April.

To pass Religion class, all students 9-11 must have their Service Hours completed and turned in no later than the last day of each quarter and the second Friday of May.

Service Hour Opportunities:

The following lists are a few examples of different types of service.

- | | |
|------------------------------------|--|
| Knights of Columbus Service | Vacation Bible School Help |
| Parish Bazaar/Event Worker | Catholic Charities Service |
| Ministry at School and Sunday Mass | Church Cleaning |
| Parish Religious Education Helper | Perpetual Adoration Substitute |
| Edge | Life Teen |
| Family Fun Day | High School Choir |
| Sunday School | Teacher's Aide Before/After School |
| CC Activities Assistance | Assisting at CC Sponsored Summer Camps |
| Working in Concession Booth at CC | Babysitting (not for immediate family) |
| Highway Cleanup | Dog Walking |
| Mentoring Programs | United Way Volunteer |
| Boy/Girl Scout Aide | National Day of Prayer Work |
| Help with Community Youth Sports | Birthright Volunteer |
| Yard/Garden Work for the Elderly | Visit Hospital/Nursing Homes |
| Blood Donation | Life Chain |
| Youth Group Mission Trips | |

SERVICES

The following services cannot be used as hours towards graduation service hours unless predetermined by the Campus Ministry Official in charge of graduation service hours.

OFFICE AIDE

Grades 11-12

Elective

The student will be responsible for answering the telephone, taking messages, and assist with the counter. There are various other duties consisting of

photocopying, errands, and collating. No credit will be counted toward graduation.

MEDIA CENTER AIDE

Grades 11-12

Elective

The student will develop cataloging skills for materials. He/she will also learn to operate and maintain equipment and materials. No credit will be counted toward graduation.

TEACHER AIDE

Grades 11-12

Elective (No credit will be counted toward graduation.)

The student will learn to assist teachers. He/she will work on bulletin boards, operate the copy machine, run errands and other miscellaneous duties.

COURSES OFFERED TO CENTRAL CATHOLIC STUDENTS

RELIGION

Religion 7
Religion 8
Religion 9
Religion 10
Religion 11
Religion 12

BUSINESS/COMPUTER EDUCATION

Accounting I
Accounting II
Junior High Computers
Computer Applications
Personal Finance
Business Law
Web Design
Marketing
Work Study
Desktop Publishing

SCIENCE

Life Science
Earth Science
Physical Science
Natural Science
Chemistry
DC Chemistry*
DC Biology*
Physiology
Physics

VISUAL AND PERFORMING ARTS

Junior High Art
Art I
Art II
Studio Art I
Studio Art II
Junior High Music
Band
Music Appreciation
Music Theory
Swing Choir
Drama I
Drama II

**DC Dual Credit*

**AP Advanced Placement*

FOREIGN LANGUAGE

Junior High Spanish
Spanish I
Spanish II
Spanish III
Spanish IV

ENGLISH

English 7
English 8
English 9
English 10
English 11
English 12
Literature 7 / Fame 7
Literature 8 / Fame 8
Speech
Yearbook
Creative Writing

MATHEMATICS

Math 7
Pre-Algebra
Algebra I
Geometry
Algebra II
Pre-Calculus
Discrete Math
Trigonometry
DC Calculus*
AP Statistics*
DC Algebra/Trigonometry*

SOCIAL SCIENCES

Social Studies 7
Social Studies 8
World Geography
United States History I
United States History II
World History I
World History II
American Government
Economics
DC Psychology
DC Sociology

PHYSICAL EDUCATION

Junior High P.E.
P.E. 9
Advanced Health
Lifetime/Weightlifting
Fitness

COURSES OFFERED BY GRADE LEVEL

7TH GRADE

COURSES REQUIRED:

Religion 7
English 7
Literature 7 / Fame 7
Social Studies 7
Life Science
Math 7
Junior High P.E.

ADDITIONAL COURSES:

Junior High Study Skills
Junior High Spanish
Junior High Art
Junior High Computers
Junior High Music

8TH GRADE

COURSES REQUIRED:

Religion 8
English 8
Literature 8 / Fame 8
Social Studies 8
Earth Science
Algebra I / Algebra IA
Junior High P.E.

ADDITIONAL COURSES:

Junior High Study Skills
Junior High Spanish
Junior High Art
Junior High Computers
Junior High Music

9TH GRADE

COURSES REQUIRED:

Religion 9
English 9
Physical Science
Math: Algebra I A, Algebra I B, Algebra I, or Geometry
Computer Applications I
Physical Education
World Geography
Fame 9
Literature 9
Foreign Language

10TH GRADE

COURSES REQUIRED:

Religion 10
English 10

World History
 Math: Algebra I B, Algebra I, Geometry, Algebra II
 Speech or Business Communications
 Science: Environmental Science, Biology, Chemistry, Physics
 Foreign Language

ELECTIVES:

Band	Drama II	Yearbook / Graphic Arts
Swing Choir	Accounting I	Computer Programming
Art I	Personal Finance	Web Design
Art II	Marketing	
Drama I	Creative Writing	

11TH GRADE

Classes 2012 and beyond

COURSES REQUIRED:

Religion 11
 English 11
 American History
 Math: Geometry, Algebra II, Pre-Calculus, AP Statistics
 Science: Sustainability, Biology, Chemistry, Physics

ELECTIVES:

Band	DC Chemistry*	Interactive Media
Swing Choir	Physics	Web Design
Spanish I	DC Biology*	Desktop Publishing
Spanish II	Physiology	Business Communications
Spanish III	Art I	Personal Finance
Creative Writing	Art II	Marketing
Yearbook	Studio Art I	Advanced Health
Drama I	Studio Art II	Lifetime Activities
Drama II	Accounting I	Fitness
Chemistry	Accounting II	

*AP Advanced Placement

*DC Dual Credit

12TH GRADE

COURSES REQUIRED:

Religion 12
 English 12
 Government
 Advanced Health, Lifetime Activities or Fitness

ELECTIVES:

Band	Discrete Math	Accounting I
Swing Choir	Trigonometry	Accounting II
Spanish I	AP Statistics*	Personal Finance
Spanish II	Algebra II	Marketing
Spanish III	Environ. Science	Bus. Communications
Spanish IV	Physics	Interactive Media
Creative Writing	DC Biology*	Web Design
Yearbook	Physiology	Programming
Drama I	Chemistry	Desktop Publishing

Drama II
Pre-Calculus
DC Calculus*
DC Algebra/Trig*

DC Chemistry*
Art I
Art II
Studio Art I
Studio Art II

Work-Study
Advanced Health
Lifetime Activities
Fitness

COURSE DESCRIPTIONS

RELIGION

In order to graduate from Central Catholic High School, each student must complete at least 40 hours of service each year of high school for a cumulative total of at least 160 hours. Students should complete 10 service hours per quarter with a minimum of 20 service hours per semester. Should a student fail to complete at least 20 service hours in any given semester by the deadline, he/she would receive no credit for that semester of Religion, thus failing, and be required to repeat that particular semester of Religion class.

(Full Year – 10 credits)

Religion 9 Required

Grade 9

Study of Sacred Scripture

Students will study sacred scripture with the emphasis on the Old Testament and New Testament. Students will become familiar with biblical terminology and prominent characters. Students will be able to apply to their lives the encounters between God and His people throughout salvation history.

(Full Year – 10 credits)

Religion 10 Required

Grade 10

Sacraments

Students will analyze the Sacraments and apply them to life. Students will focus on the sacraments as symbols, rituals, and prayer. Emphasis will be given to the sacraments as the special means of the Church to continue the works of Jesus Christ. Scriptural and historical foundations will be explored. Students will build an understanding of how God is active in their daily lives through the Sacraments.

Morality/Social Justice

Students will focus on their faith to discover the norms needed in living with Christian moral integrity. Areas of emphasis include: ecclesial moral integrity, conscience formation, defining morality, the study of capital sins, virtues, cardinal virtues, values, steps to take in making moral decision, the Precepts of the Catholic Church, and basic principles found in the Ten Commandments, the Beatitudes, and the Works of Mercy. Current moral issues in reference to the church's position will be emphasized. Students will apply social justice principles to personal and societal situations.

(Full Year – 10 credits)

Religion 11
Required

Grade 11

Prayer and Spirituality/Creed

Students will grow in their spiritual relationship with God through learning about prayer and participating in prayer experiences. Students will investigate and apply the teachings of the Church revealed in the Creed. Each statement will be explored in relation to historical foundations and applied to living a Christian life.

Church History

Students will come to a better understanding of the meaning of the church through a study of its history. Church challenges and problems will be presented along with the response of the church and the church's growth. Special emphasis will be given to the church in today's world and to the history of the church in the United States.

(Full Year – 10 credits)

Religion 12
Required

Grade 12

Church Doctrine/Christian Lifestyles/Apologetics

Our Church, founded on the prophets and the Apostles, with Christ Himself as the cornerstone, has authentic and authoritative teachings with regard to our Christian life, worship, and beliefs. The Gospel of Christ will be examined in terms of Sacred Tradition and Sacred Scripture, with particular emphasis on the teachings of the College of Bishops in union with the Holy Father throughout time. A review of personal morality will prepare for discussion on social morality and justice in second semester.

The universal call to holiness will be examined, followed by discussion and discernment on how a particular person will live out that call to holiness within his/her life in the context of the single life (transitional and permanent), the priestly life, the religious life, and the married life. Particular emphasis will be given to the importance of the virtue of chastity in conjunction with each of these vocations.

Students will also have the opportunity to learn how to transmit and defend the authentic teaching of the Catholic Church to those whom they encounter.

Apologetics /Social Justice

Students will continue to have the opportunity to learn how to transmit and defend the authentic teaching of the Catholic Church to those whom they encounter. Comparative approaches with other faith traditions will be employed such that each student will be invited to rejoice in what the Catholic faith and other faiths hold in common, while at the same time be able to maintain, defend, and explain their Catholic identity when differences arise. There will be an

emphasis on Catholic beliefs commonly questioned, misunderstood, infrequently taught, or attacked.

A solid Catholic personal morality will enable each student to be a transforming force within our society for the true good of each human person. An emphasis on the dignity of each human person from conception to natural death and at every stage throughout life will aid each student in fulfilling their role as prophet in their family, community, state, country, and world. Special emphasis will be given to responsible parenting and citizenship.

BUSINESS/COMPUTER EDUCATION

(One Semester – 5 credits)

Computer Applications

Grade 9

Required

This course teaches fundamentals of proper procedures to create documents, worksheets, databases, simple banking procedures and presentations. This course is designed to help students create word processing, database management, spreadsheet, desktop publishing and presentation applications. Communication skills and critical thinking are reinforced through software applications.

(Full Year – 10 credits)

Web Design

Grade 10-12

Elective

Course content includes exposure to basic Web Design with emphasis on HTML. This skill level course is designed to prepare students to plan, design, create, and maintain a working web page. Students will be designing and maintaining the school web site.

(One Semester – 5 credits)

Business Communications

Grade 10-12

Elective

Students will reinforce communication skills needed in business, management, and administrative occupations by using reading strategies to learn meaning, technical concepts, vocabulary, and following directions. Students will compose and compare written and electronic communications to convey technical concepts and company information develop and deliver formal and informal presentations related to a board range of business topics, apply active listening skills to obtain and clarify information and exhibit people skills to deal positively with a variety of personalities and diverse individuals. Students will interpret and use tables, carts, and figures to support written and oral communication, and locate, organize, and reference written information from various sources to communicate with coworkers and clients/participants.

This course is going to be a second option for students to complete the speech requirement.

(One Semester – 5 credits)

Interactive Media

Grade 11-12

Elective

Pre-requisite: Desktop Publishing or teacher permission

The student will be able to create multimedia projects using Abode Indesign, Photoshop and Illustrator. The student will expand on the effective use of text, image, video, web and sound file types.

(One Semester – 5 credits)

Desktop Publishing

Grade 11-12

Elective

The student will apply keying, typography, and layout and design skill in developing documents. Students will create and update documents using word processing, publisher and put together slideshows and design skills in developing publishing documents. Students will use graphic design techniques, principles of page layout and design, and desktop publishing terminology and application. Students will create a variety of documents such as flyers, brochures, and newsletters as well as creating and editing images.

(One Semester – 5 credits)

Marketing

Grade 10-12

Elective

Students in this class will perform the marketing activities for Central Catholic High School, including the recognition of and relationship development with its target market, through advertising, direct marketing and public relations. Other activities will include working with the development and activities offices in order to coordinate the promotion and operation of school-related activities.

(Full Year – 10 credits)

Accounting I

Grade 10-12

Elective

In this year long course each student will complete an accounting cycle for the three major types of businesses. They will be introduced to accounting concepts, terms, and procedures that will be used in a service business formed as a proprietorship, a merchandising business as a partnership and corporation. Other materials to be covered include checking accounts, automated accounting systems, voucher systems, and petty cash systems. Upon completion of the course the students should be able to start and maintain records for themselves or for a small business.

(Full Year – 10 credits)

Accounting II

Grade 12

Elective

Prerequisite: Accounting I

Introduction to principles of debit and credit, recording of purchase and sale of merchandise and equipment, calculation and recording of interest and depreciation, includes methods of determining inventory values, payroll procedures, and preparation of statements for a service and merchandising business.

(One Semester – 5 credits)

Personal Finance

Grade 9-12

Elective

This course will cover the basic principles needed for effective personal finance management, including the practical applications of money management, budgeting, taxes, credit insurance, housing, investments, financial planning and checking accounts.

(One Semester – 5 credits)

Work Study

Grade 12

Elective

This course provides students with tools for writing resumes, interviewing skills, filling out job applications, job etiquette, critical thinking skills, and leadership skills. This course prepares students to locate, secure, keep and change careers. Work study provides students with skills and knowledge to an actual job situation learn additional skills not taught in the classroom, and develop the ability to get along with people on the job site. Work study may be taken for a second semester providing the student earned a grade average of “C” or better 1st semester.

ENGLISH

(Full Year – 10 credits)

English 9

Grade 9

Required

All the basics of English are covered in this course. Students will read works from a variety of genres, study and apply the six traits of writing in an assortment of styles, and be introduced to the research process. Grammar skills will be reviewed and applied to all formal writings. Spelling, vocabulary and comprehension skills will be expanded through reading, Root Focus* and other activities. Students will have the opportunity to receive extra credit points through the Accelerated Reader program.

(Full Year – 10 credits)

English 10
Required

Grade 10

A balance of composition and literature is the focus of this course. Various forms of literature will be a focal point and will be read, analyzed, and discussed. Paragraph, essay, personal narrative, poetry, and various forms of creative writing will be explored. Students will continue to develop skills in researching a topic and applying the six traits of writing. Grammar skills will be reviewed and applied to all formal writings. Spelling, vocabulary and comprehension skills will be expanded through reading, Root Focus* and other activities. Students will have the opportunity to receive extra credit points through the Accelerated Reader program.

(Full Year – 10 credits)

English 11
Required

Grade 11

The primary focus is on literature written by American authors. Students will explore various forms of literature, authors from different backgrounds, and cultural and historical situations. Poetry and fiction selections will also be used to stimulate creative thought and writing. Composition will be a major component of the course, giving students an opportunity to apply the six traits of writing and grammar skills. Students will write a term paper over the historical background of a novel, an author, or another relevant topic. Spelling, vocabulary and comprehension skills will be expanded through reading, Root Focus* and other activities. Students will have the opportunity to receive extra credit points through the Accelerated Reader program.

(Full Year – 10 credits)

English 12
Required

Grade 12

Students will explore British literature and recognize how historical and cultural aspects influence the author's writing. Student will incorporate practical grammar skills and the six-traits to their writing and will demonstrate research skills by writing a research paper. Spelling, vocabulary and comprehension skills will be expanded through reading, Root Focus* and other activities. Students will have the opportunity to receive extra credit points through the Accelerated Reader program.

**Root Focus -- a school- wide (7-12) program focusing on 30 Latin roots per year. The majority of common prefixes are also practiced, as well as suffixes. All these word parts increase student word acquisition and, therefore, overall reading comprehension and grammar.*

(One Semester – 5 credits)

Speech
Required

Grade 10

Students will become familiar with the communication process. Individual and group activities will facilitate growth in both intrapersonal and interpersonal communication skills. Students will practice the process of researching and writing an effective speech. Research skills will be gained by using a variety of sources and public speaking skills will be gained by presenting speeches in a classroom setting. Primarily, students will develop informative and persuasive speeches, but will also explore additional types of public speaking as time allows.

(One Semester – 5 credits)

Creative Writing
Elective

Grade 10-12

Students are provided with an opportunity to explore different forms of written communication, and to write in a variety of creative styles. Students will develop poetry, essays, stories, plays, and other written work. Each student will create a portfolio of their work.

(One Semester – 5 credits)

Drama I & II
Elective

Grade 10-12

These classes will introduce students to theatrical elements and several types of drama. Students will read a variety of plays and explore the actor's craft through exercises, improvisations, scene work and character analysis. Skills in analyzing text and in creative interpretation will be developed. Students will keep journals and respond to dramatic works by writing in a variety of styles.

(Full Year – 10 credits)

Yearbook/Graphic Art
Elective

Grade 10-12

This course is for the student who aspires to have a career in journalism or who wants to be involved with preserving the memories of their high school experience. The student will work on layout and design of the school's yearbook by working with Photoshop and PageMaker computer programs.

FOREIGN LANGUAGE

A strong working knowledge of English grammar is recommended. College-bound students are strongly encouraged to take two years of the same language.

(Full Year – 10 credits)

Spanish I
Elective

Grade 9-12

The first year of Spanish helps each student attain an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing the language. The material presented is practical and useful and relates to the students' everyday lives. They will gain knowledge and understanding of other cultures. Students use the Internet, audio and videocassettes to enhance language and cultural learning. All students have the opportunity to attend a cultural event in Omaha or Lincoln within their first two years of Spanish.

(Full Year – 10 credits)

Spanish II
Elective

Grade 10-12

Prerequisite: Spanish I

The second level of Spanish furthers the student's ability in speaking, understanding, reading and writing in Spanish. Students engage in conversation that provide and obtain information, express feelings and emotions, and exchange opinions. Computers, cassette recording, and video are used to enhance language and cultural learning. All students have the opportunity to attend a cultural event in Omaha or Lincoln within the first two years of Spanish.

(Full Year – 10 credits)

Spanish III
Elective

Grade 11-12

Prerequisite: A grade average of "C" or better in Spanish II or teacher approval

The third level of Spanish is designed to further the fundamental skills in language usage and to provide opportunity for self-expression in speaking and writing. Students will connect with other curriculum areas. Students are required to perform one hour of service each semester that exposes them to authentic language and/or culture. Presentation and participation of materials for class will be spoken in Spanish 70% of the class time.

(Full Year – 10 credits)

Spanish IV
Elective

Grade 12

Prerequisite: A grade average of "C" or better in Spanish III or teacher approval

At this level, the student communicates mostly in Spanish. Emphasis is placed on the student's use of the Spanish language both within and beyond the school setting. Students perform 2 hours of service per semester that exposes them to

authentic language and culture. Presentation and participation of materials for class will be spoken in Spanish 90% of the class time.

MATHEMATICS

Central Catholic High School offers nine courses in mathematics. The sequence of courses depends on the student's ability. Students planning to attend a four-year college are highly encouraged to take four years of mathematics. The courses offered are Pre-Algebra, Algebra I, Algebra II, Geometry, Trigonometry, Discrete Math, Pre-Calculus, AP Statistics, and AP Calculus.

Four years of Math are required for admission to the University of Nebraska-Lincoln.

Algebra II is required for admission to all other State colleges and universities. All math classes should have teacher signatures on pre-registration forms.

(Full Year – 10 credits)

Algebra A
Required

Grade 8-9

Prerequisite: Math 7

This course is part 1 of a two year Algebra I course. The content covered is very similar to Algebra I except it is spread over two years.

(Full Year – 10 credits)

Algebra B
Required

Grade 8-9

Prerequisite: Algebra A

This course is part 2 of a two year Algebra I course. The content covered is very similar to Algebra I except it is spread over two years.

(Full Year – 10 credits)

Algebra I
Required

Grade 9-10

Prerequisite: Math 7 & 8

Algebra I guides the student in the discovery of mathematical principles. It also develops the necessary understanding and skills required as a preparation for courses in higher mathematics. These topics include linear and quadratic graphing, radical expressions, rational numbers and polynomials. Problem solving skills are emphasized throughout the course.

(Full Year – 10 credits)

Geometry
Required

Grade 9-12

Prerequisite: Algebra I

Geometry is designed to help students develop an understanding of the fundamental facts and principles of abstract reasoning. It improves their problem-solving skills and encourages habits of logical thinking and precise expression. The course contains concepts of plane, solid and coordinate geometry. *May be taken concurrently with Algebra II with instructor(s) approval.*

(Full Year – 10 credits)

Algebra II
Elective

Grade 10-12

Prerequisite: Algebra I and Geometry (an exception is the student taking Geometry and Algebra II in the same year).

Algebra II is a study of functions, their properties, and applications. It expands and strengthens the skills learned in Algebra I and Geometry. Clear thinking and accuracy are emphasized as important parts of problem solving.

(Full Year – 10 credits)

Pre-Calculus
Elective

Grade 11-12

Prerequisite: Algebra II

The purpose of this Pre-Calculus course is to bridge the gap between Algebra II and Calculus. The course treats standard elements of trigonometry, analytic geometry, college algebra, and problem solving. Pre-Calculus prepares the student for their future by giving them an adequate background for college math courses. Extensive use of the graphics calculator is emphasized.

(One Semester – 5 credits)

Discrete Math
Elective

Grade 12

Prerequisite: Algebra II (the exception is the student taking Algebra II at the same time).

This one semester course is designed for seniors who have passed Algebra II but do not want to take the college prep Pre-Calculus. Topics covered include matrices, probability, and statistics. Graphics calculators will be used extensively. *This course does not necessarily prepare the student for calculus in college.*

(One Semester – 5 credits)

Trigonometry
Elective

Grade 12

Prerequisite: Algebra II (the exception is the student taking Algebra II at the same time).

This one semester course will cover the basic trigonometry functions and the study of vectors. Graphics calculators and CBL's will be used extensively. Applications of trigonometry functions will be emphasized. *This course does not necessarily prepare the student for calculus in college.*

(Full Year – 10 credits)

AP Statistics
Elective

Grade 11-12

Prerequisite: Pre-Calculus (with the exception being the student taking Pre-Calculus at the same time).

This is a course in statistics that covers the topics in the syllabus published by the College Board. College credit and placement depend on the individual college as well as performance on the AP test in May. This statistics class will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Planning a study, Anticipating Patterns, and Statistical Inference. It is for students who possess sufficient mathematical maturity and quantitative reasoning ability and is an alternative to AP Calculus or can be taken concurrently. This class can also be taken concurrently with Pre-Calculus.

PHYSICAL EDUCATION

Students must take Health/Physical Education I and one additional semester of a PE class to meet the Physical Education graduation requirement.

(Full Year – 10 credits)

Health/Physical Education I
Required

Grade 9

This course is designed to show the importance of physical fitness and health in today's society. Each week time will be split between PE and health. PE class is devoted to developing good physical health and a pattern of exercise, which can be carried throughout life. (Weightlifting, tumbling, volleyball, dance, soccer, bowling, basketball, Wally ball, kickball, softball, etc) The health component will include the areas of personal health, mental wellness, eating disorders, healthy and unhealthy relationships, tobacco, alcohol and drugs, diseases that affect different body systems and sexual reproduction.

(One Semester – 5 credits)

Advanced Health
Elective

Grade 11-12

This is a semester course that incorporates PE and Health each week. The students will be able to perform the Heimlich Maneuver, rescue breathing, and CPR procedures on infants, children and adults. Students will also have knowledge of how to control bleeding, care for different types of wounds, identify and care for frostbite, stroke, shock, heat exhaustion, heat stroke and burns. PE activities may include weight and circuit conditioning, tennis, bowling, basketball, volleyball, mushy ball and Frisbee golf.

(One Semester – 5 credits)

Lifetime Activities
Elective

Grade 11-12

Students will develop a respect for activity and maintaining good health. This will be done by emphasizing the physical fitness program and developing skills that can be used in lifetime activities. Activities may include camping, fishing, golf, cards, weight training.

(One Semester – 5 credits)

Fitness
Elective

Grade 11-12

Students will gain an understanding of their personal fitness level and needs through discussion and practice of fitness components; cardio-respiratory endurance, muscular endurance, muscular strength, flexibility and body composition. Activities include weight training, jogging, basic anatomy, fitness testing and fitness games.

SCIENCE

(Full Year – 10 credits)

Physical Science
Required

Grade 9

Physical Science is an introductory science course that demonstrates the interaction of matter and energy and the physical laws that govern them. Topics include: matter, atomic theory, chemical reactions, Newton's laws, gravity, heat, light, magnetism and electricity. Lab work will introduce students to activities that further develop concepts.

(Full Year – 10 credits)

Biology
Elective

Grade 10-11

Prerequisite: B+ in Grade 9 Science

First year Biology covers concepts related to molecular and cellular basis of life; molecular, Mendelian and population genetics; classification, identification, organization and interdependence of living organisms; regulation and behavior. Laboratory activities in this class include working with microscopes, plant and animal (insect) collections; dissection of plants and animals. This class is a prerequisite for Anatomy and Physiology, online Nutrition and online Animal Science.

(Full Year – 10 credits)

Environmental Science
Elective

Grade 10

This course is designed to help students develop a working knowledge of biology, earth science and astronomy, as well as the relationship between science, art and religion, through research, experimentation and discovery. This course, when combined with physical science (taken in 9th grade), completes the introduction to the natural sciences.

(Full Year – 10 credits)

Chemistry
Elective

Grade 11-12

Chemistry is primarily for college bound students. Emphasis will be placed on problem solving and critical thinking skills. Topics covered will include but not be limited to the study of general principles including atomic structure, nomenclature, reactions, and compounds, interactions of substances, the effects of temperature, pressure and concentrations as it applies to solubility, reaction rate and pH. Laboratory work associated with the concepts presented in class will be utilized. Scientific calculators are required. *Algebra II needs to be taken simultaneously or prior.*

(Full Year – 10 credits)

Physics
Elective

Grade 11-12

Physics is designed to provide the student with the fundamental understanding of the physical laws. Concepts are explained and developed through explanation and experimentation with the emphasis placed on mathematical calculations. Topics covered include but are not limited to Newton's laws, gravity, momentum, circular motion, electricity, and magnetism. Students should be comfortable with

complex mathematical concepts. A strong background in Algebra and Geometry is necessary. A scientific calculator is necessary.

(Full Year – 10 credits)

Physiology

Grade 11-12

Elective

Prerequisite: C+ in Biology

Physiology is intended to help students study and comprehend the form and function of the body and its many systems, starting with the chemical and cellular levels, leading to the study of the eleven organ systems of the body. The ultimate goal of this course is to help students develop a solid, basic understanding of anatomy and physiology.

SOCIAL SCIENCES

(Full Year – 10 credits)

World Geography

Grade 9

Required

Students will study the physical, historical, and modern areas of Africa, Middle East, India, East Asia, Southeast Asia, Australia, Oceania, and Antarctica. The students will locate and identify countries, capitals, and major physical features of these areas.

(Full Year – 10 credits)

World History

Grade 10

Required

World History I presents the students with an overview of the cultural, political, and economic movements from Prehistory through Medieval Times. The student learns to face the cause and effect on history. The students also learn to face the challenges of the present age by studying the ways in which the past generation faced similar situations. The relationship of the past and the future is also stressed. History is seen as an ongoing event in which the student is actively involved.

World History II presents the students with an overview of the cultural, political, and economic movements from Renaissance to Modern History. The student learns to face the cause and effect on history. The students also learn to face the challenges of the present age by studying the ways in which the past generation faced similar situations. The relationship of the past and the future is also stressed. History is seen as an ongoing event in which the student is actively involved.

(Full Year – 10 credits)

United States History

Grade 11

Required

A survey of American history from Early Beginnings to the World War I, with emphasis on the concepts and motivations rather than “names and dates” will be analyzed. The relationship between past and present will be emphasized as well as the way in which history repeats itself. Creative thinking skills are used to resolve hypothetical problems. Modern problems are discussed and analyzed. Lifestyle and problems of the future are also presented.

A survey of American history from World War I to the Present, with emphasis on the concepts and motivations rather than “names and dates” will be analyzed. The relationship between past and present will be emphasized as well as the way in which history repeats itself. Creative thinking skills are used to resolve hypothetical problems. Modern problems are discussed and analyzed. Lifestyle and problems of the future are also presented.

(One Semester – 5 credits)

U.S. Government

Grade 12

Required

This course is designed to familiarize the student with the basic types of governmental systems used in the world. Students will study the three branches of our Federal Government and how they relate to our local government. This class is designed for the student to put into practice their civic duties as a member of a Democratic society

(One Semester – 5 credits)

Economics

Grade 12

Elective

This course is designed to show cause and effect relationships of the economic, free enterprise systems. A review of other economic structures that are in place in the global economy will also be studied. Economic theories and economic geography are emphasized. Discussion on topics such as break-even points, supply and demand curve, along with elastic in inelastic supply will be included.

VISUAL AND PERFORMING ARTS AND COMMUNICATIONS

(One Semester – 5 Credits)

Art I

Grades 9-12

Elective

Several art techniques and artists will be explored to provide the student with a variety of experiences in four major art disciplines including: drawing, pottery, printmaking, and painting. Students will apply the elements of art and principles

of design in their respective works. Students will also understand the role that artists play in society.

(One Semester – 5 Credits)

Art II
Elective

Grades 11-12

Prerequisite: Art I, possible portfolio review of previous work

Students in this course will be introduced to a variety of media and techniques. The area of graphite drawing, colored pencil drawing, watercolor, acrylics, mixed media, design, elements and principles, perspective portraits, figure drawing, still life, and more will be covered. As a survey course students will become familiar with all of these areas as they create interesting pieces of art.

This course is designed to introduce the student to the fundamentals of art, including the elements and principles of design, the history of art, drawing, painting, printmaking, lettering, and posters.

Students taking Art II engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality work.

(One Semester – 5 Credits)

3-D Art
Elective

Grades 11-12

Prerequisite: Art I

Students in this course will be introduced to a variety of three-dimensional media and techniques. The areas of ceramics, printmaking, relief sculpture, wire sculpture, subtractive and additive sculpture, and more will be covered. Students in this course will become familiar with the tools and techniques of 3-D work while creating beautiful pieces.

Students taking Intro to 3-D Art engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality work. **A \$5.00 fee will be assessed for this class.**

(One Semester – 5 Credits)

Studio Art I
Elective

Grade 11-12

Prerequisite: Art I

This course is an elective open to students who have successfully completed the two introductory classes. The emphasis of the course will center on the

development of drawing and painting skills and possibly three-dimensional techniques. Projects will be designed to develop creativity and enhance the art skills the student already has. Three-dimensional projects may be included in this course dependent upon the student's interest. Use of digital photography enhances student learning in this course.

(One Semester – 5 Credits)

Studio Art II
Elective

Grade 11-12

Prerequisite: Art I, Studio Art I

This course is an elective open to all students who have successfully completed Studio Art I and is designed for the serious art student. The emphasis of this course will continue to center on the development of drawing skills and some painting skills. Projects will include still lifes, self-portraits, design projects and other various projects. This course will also emphasize techniques involved in creating three dimensional art projects such as paper mache, clay, collages, and various other projects. Use of digital photography and the Adobe In-Design computer software will enhance student learning in this course.

(Full Year - 10 Credits)

Band
Elective

Grade 9-12

Concert band is the opportunity for students who have played an instrument on the elementary level and are interested in pursuing the experience in high school band. Band provides an experience of playing with other students in ensemble where the technical and musical skills of a developing instrumentalist can be fostered. Membership in the band automatically means membership in pep band for sports events unless the student is part of the sports team. Jazz band is also part of the class. A variety of music is performed. This class meets before school each morning. Preparation of songs worked on is for the Christmas Concert, the Conference Band Clinic, the All-City Concert, the District Music Contest, and the Spring Concert. Every other year the Band performs for the Memorial Day Services at St. Michael's cemetery.

(One Semester – 5 Credits)

Swing Choir
Elective

Grade 10-12

Swing choir is a balanced ensemble of singers. Through a personal dedication of each member the group can attain a high level of choral excellence and can represent the school with pride in interscholastic competition and at guest appearances. Proper singing techniques are taught. Musical terms, theory and functions are taught as well. Computers, videos, CD are used to enhance the students' learning. The class prepares selections for Conference Choral Clinic in

the fall, the Christmas Concert, the All-City concert, District Music Contest and the Spring Concert.

Instrumental Tech

Elective

Grade 9-12

MISCELLANEOUS

SHARED CLASSES

Courses are offered to Central Catholic students at the public high school if the student lives in the West Point City School District, if space is available, and if the student's schedule permits. The student must meet the guidelines set by Central Catholic and West Point-Beemer High School.

Application Procedure:

Students must fill out an application for enrollment located on the West Point-Beemer High School website. This application and all its requirements must be given to Central Catholic by February 24. No applications will be accepted after this date to take fall classes at West Point-Beemer High School. Enrollment forms for the spring semester will be accepted until October 25.

EARLY ENTRY PROGRAM

Grade 11-12

A junior or senior may register for a course at Northeast Community College if his/her schedule permits. Dual credit (credit given at high school and college level) will be given for all classes scheduled during a traditional school day.

These classes will be offered for dual credit:

(Full Year – 10 credits, 5 Credits College)

Dual Credit Calculus

Grade 12

Elective/Dual Credit

Prerequisite: Pre-Calculus or College Algebra/Trigonometry with a “C” or better both semesters

The topics covered are limits, differentiation and integration. Application problems are emphasized, along with the use of graphics calculators. This course is recommended for those who plan to major in math, science, engineering or pre-med in college. This is a highly demanding course. Northeast Requirements for Admission for College Credit: ACT composite 21, 21 English ACT and/or top half of class rank

(Full Year – 10 credits, 5 Credits College)

Dual Credit Algebra/Trigonometry

Grade 12

Elective/Dual Credit

Prerequisite: Algebra II

Study of field axioms, sets, functions, equations, inequalities, matrices and determinants, exponents, logarithms, trigonometric functions and analysis.

(Full Year – 10 credits, 5 Credits College)

Dual Credit Chemistry

Grade 11-12

Elective/Dual Credit

Chemistry taught in conjunction with NECC to meet UNL and other college guidelines. Students will receive 5 college credits. Helpful for those going into non scientific careers and science careers alike. Extra cost for NECC credit. Check with the college you plan on going to for transferability. *Algebra II needs to be taken simultaneously or prior*

Northeast Requirements for Admission for College Credit: ACT composite 21, 21 English ACT and/or top half of class rank

(One Semester – 5 Credits High School, 3 Credits College)

(One Semester – 3 Credits College)

Certified Nurse Assistant (CNA)

Grade 11-12

Elective

This course will be offered through Northeast Community College during one of Central Catholic's class periods. The student will be responsible for payment for tuition and course materials. This course includes basic patient care, an introduction to aging and disability, personal hygiene, body activity skills, fire prevention, and safety. Basic communication and documentation, planning patient care, and vital signs, as well as nutrition and elimination needs and a discussion of death and dying are included. Anatomy and physiology will also be discussed. Students completing this course and successfully completing a written and practical exam are prepared for employment as nursing assistants in hospitals and/or extended care facilities. The students' names will be placed on the basic nurse aide registry at the Nebraska Health and Human Services Regulation and Licensure, Credentialing Division.

The students are expected to attend all classes even if Central Catholic is not in session.

NECC ONLINE COURSES

Central Catholic is committed to the success of our students -- from Pre-K through High School and on to their post-secondary work, training for a trade, earning a certificate, or completion of a 2-4 degree as well as professional school. Our students are exposed to a variety of learning experiences including online coursework.

To optimize their successes, Central Catholic offers 11th and 12th graders a variety of NECC online courses. Students are scheduled for these courses during a specific time period of the day and work under the supervision of a teacher. She is not their instructor or tutor for these classes, but a guide through their online class. As a guide she will provide advice, guidance on time management, and monitor successful completion of course requirements. A list of these online courses can be found on the following pages.