

CENTRAL CATHOLIC HIGH SCHOOL



CURRICULUM GUIDE

2010-2011

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**CURRICULUM HANDBOOK
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 enrollment procedure of the school.

ACADEMIC STANDING

Central Catholic High School is fully accredited by the North Central Association of Colleges and Secondary Schools 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.

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 student is urged to read carefully the course descriptions, graduation requirements, and the grade level offered, and then with the help of parents selects a schedule.

The teachers, 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 into classes. Final say on enrollment rests with the administration.

GENERAL INFORMATION

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.

To complete the requirement for graduation, a student must have successfully passed a minimum of 240 credit hours including: 195 required credits and 45 elective credits.

Class of 2011

RELIGION	40 Credits
ENGLISH	40 Credits
SOCIAL STUDIES	30 Credits
MATH	20 Credits
SCIENCE	20 Credits
(one additional class in Math or Science)	10 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

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.

Class of 2012

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

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.

Class of 2013 and beyond

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

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 would be wise to include two or more 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.

The following are requirements for graduation from Central Catholic for the class of 2011:

FRESHMAN

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

SOPHOMORE

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

JUNIOR

Religion 11
English 11
Geometry, Algebra II, or Pre-Calculus
American History

SENIOR

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

Central Catholic requirements for graduation for classes 2012:

FRESHMAN

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

SOPHOMORE

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

JUNIOR

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

SENIOR

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

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)
Pre-Algebra, Algebra I, or Geometry
P.E. 9
Foreign Language

SOPHOMORE

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

JUNIOR

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

SENIOR

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

Graduation 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 affect 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 Hour 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
Parish bazaar/event worker
Ministry at school and Sunday Mass
Parish religious education helper
Edge
Family Fun Day
Sunday School
CC activities assistance
Manning the concessions booth at CC
Highway cleanup
Mentoring programs
Boy/Girl Scout aide
Help with community youth sports
Yard/garden work for the elderly
Blood donation
Youth group mission trips

Vacation Bible School help
Catholic Charities service
church cleaning
perpetual adoration sub for someone else
Life Teen
High School Choir
Schoolteacher aide before/after school
assisting at CC sponsored summer camps
Babysitting (not for immediate family)
Dog walking
United Way volunteer
Nat'l Day of Prayer work
Birthright volunteer
Visit hospital/nursing homes
Life Chain

University of Nebraska – Lincoln Admission Requirements

English	4 units of English All units must include intensive reading and writing experience.
Mathematics	4 units of Mathematics Must include algebra I, II, geometry, and one additional unit that builds on knowledge of algebra or geometry. Pre-Algebra is not acceptable.
Natural Sciences	3 units of Natural Sciences Including at least 2 units selected from biology, chemistry, physics, and earth sciences. One of the units must include laboratory instruction.
Social Studies	3 units of Social Studies At least one unit of American and/or world history and one additional unit of history, American government, and/or geography.
Foreign Language	2 units of Foreign Language Must include 2 units of the same foreign language. Students who are unable to take two years of foreign language in high school may still qualify for admission. Such students will be required to take two semesters of foreign language at UNL. These students are still required to complete 16 units of academic courses for admission.

Class Rank or ACT/SAT For assured admission you must also graduate in the upper half of your class, or have an ACT composite score of 20 or higher, or an SAT combined score of 950.

University of Nebraska – Lincoln Foreign Language Advising Information

Requirements for admission to the University of Nebraska-Lincoln

1) 2 units of the same foreign language are required for general admission (i.e. German I and German II). Students majoring in Agriculture, Architecture, Business, Engineering, Education, Human Resources, Nursing, and Public Affairs at NU would not need to take any more foreign language.

2) 4 units of the same foreign language recommended in high school for students majoring in the college of: Fine & Performing Arts, Arts & Sciences, and Journalism & Mass Communications. These programs require a foreign language requirement to graduate with a bachelor's degree.

If a student has taken **less than two units of the same foreign language in high school they will need to make up their high school deficiency in addition to taking courses at the University to fulfill the foreign language graduation requirement.

If a student has **taken two units of the same foreign language in high school, they will take a placement test to determine their sequence of courses at the University.

** If a student has **taken three units** of the same foreign language in high school, they will take a placement test to determine their sequence of courses at the University.

** If a student has **taken four units** of the same foreign language in high school, they will be exempt from this additional requirement in college.

COURSES OFFERED TO CENTRAL CATHOLIC STUDENTS

RELIGION

Religion 9
Religion 10
Religion 11
Religion 12

FOREIGN LANGUAGE

Spanish I
Spanish II
Spanish III
Spanish IV

BUSINESS/COMPUTER EDUCATION

Accounting I
Accounting II
Computer Applications
Personal Finance
Business Law
Web Design
Interactive Media
Marketing
Work-study
Desktop Publishing

ENGLISH

English 9
English 10
English 11
English 12
Speech
Yearbook
DC Composition I
DC Intro to Literature
DC Speech
Creative Writing

SCIENCE

Physical Science
Natural Science
Chemistry
DC Chemistry
DC Biology
Physiology
Physics

MATHEMATICS

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

VISUAL AND PERFORMING ARTS

Art I
Art II
Arts & Crafts
Studio Art I
Studio Art II
Band
Music Appreciation
Music Theory
Swing Choir
Drama I
Drama II

SOCIAL SCIENCES

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

P.E. 9
Advanced Health
Lifetime/Weightlifting
Fitness

COURSES OFFERED BY GRADE LEVEL

9TH GRADE

COURSES REQUIRED:

Religion 9

English 9

Physical Science

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
Algebra I B, Algebra I, Geometry, Algebra II
Speech
Natural Science
Foreign Language

ELECTIVES:

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

11TH GRADE

Classes 2011

COURSES REQUIRED:

Religion 11
English 11
American History
Geometry, Algebra II,
Pre-Calculus, AP Statistics

Classes 2012 and beyond

COURSES REQUIRED:

Religion 11
English 11
American History
Geometry, Algebra II, Pre-Calculus,
AP Statistics
Chemistry, Physics, DC Biology,
or Physiology

ELECTIVES:

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

12TH GRADE

COURSES REQUIRED:

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

ELECTIVES:

Band
Swing Choir
Spanish I
Spanish II
Spanish III
Spanish IV
Yearbook
Creative Writing
Drama I
Drama II
Pre-Calculus
DC Calculus
DC Algebra/Trigonometry
Discrete Math
Trigonometry
AP Statistics
Algebra II
Physics
DC Biology
Physiology
Chemistry
DC Chemistry
Art I
Art II
Arts & Crafts
Studio Art I
Studio Art II
Accounting I
Accounting II
Personal Finance
Marketing
Interactive Media
Web Design
Programming
Desktop Publishing
Work-study
DC English Composition I
DC Intro to Literature
DC Psychology
DC Sociology

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 know and 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 her/his 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 Application
Required

Grade 9

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)

Interactive Media

Grade 11-12

Elective

Pre-requisite: Desktop Publishing or teacher permission

The student will be able to create multimedia projects using Adobe 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 yearlong 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

These courses 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)

Business Law

Grade 11-12

Elective

This course covers the protection the law gives the general public. Contracts are the most common dealing we have with the law daily. Insurance and ownership of property will also be studied. The students will be given information about social justice with which the law deals and they will be encouraged to use their ethical standards to form decisions.

(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. This course 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

This course covers all the basics of English. 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

Grade 10

Required

This class is a balance of composition and literature. 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

Grade 11

Required

This course will focus primarily 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

Grade 12

Required

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.

(One Semester – 5 credits)

Speech

Grade 10

Required

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

Grade 10-12

Elective

This class provides students 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.

(One Semester – 5 credits)

Drama I & II

Grade 10-12

Elective

This class 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

Grade 10-12

Elective

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

Grade 9-12

Elective

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 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 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 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

Grade 8-9

Required

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

Grade 8-9

Required

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

Grade 9-10

Required

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

Grade 9-12

Required

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

Grade 10-12

Elective

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

Grade 11-12

Elective

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

Grade 12

Elective

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

Grade 12

Elective

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

Grade 11-12

Elective

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 1 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 the baby and adult Annie's. 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

The class is intended to further 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

Grade 9

Required

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)

Natural Science

Grade 10

Required

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

Grade 11-12

Elective

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

Grade 11-12

Elective

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

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 Required

Grade 9

In this course the 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 Required

Grade 10

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 Required

Grade 11

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 Required

Grade 12

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
Elective

Grade 12

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
Elective

Grades 9-12

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

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)

Arts & Crafts
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

Prerequisites: 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 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.

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:

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

Dual Credit English Composition I
Elective/Dual Credit

Grade 12

The students will read and write themes consistent with a college freshman composition class. The written works will include narrative, descriptive, causal analysis, compare/contrast, and definition essays, plus research writing. 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)

Dual Credit Introduction to Literature

Grade 12

Elective/Dual Credit

Prerequisite: English Composition I

This course will cover a broad array of literature, including short stories, poetry, plays, and novels.

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 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

(Full Year – 10 credits, 5 Credits College)

Dual Credit Biology

Grade 11-12

Elective/Dual Credit

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. The two main goals of AP

biology are to develop a conceptual framework for modern biology and to gain experience and appreciation of science as a process. Your primary emphasis in this course should be on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than an accumulation of facts; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns.

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)

Sociology

Grade 11-12

Elective

Sociology concentrates its study upon man's interaction with others and the products of this group living. This course deals with customs, traditions, and values which emerge from the group living and how this group in turn affects these aspects and is affected by them through the study of institutions and our relationships to man. Enhancements of field study work, observations of social play and human interaction will help develop an understanding of cultures. This class will be taken as a tele-course through Northeast Community College.

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

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

Psychology

Grade 11-12

Elective

This course may be used as a dual credit class for college taken through Northeast Community College for a fee.

Psychology is the study of human behavior and mental process. Topics include theoretical approaches, development, biological foundations, learning, perception, emotions, motivation, social behavior, abnormal behavior, and approaches to therapy. *Juniors may take this class if they have an "A" cumulative average.*

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

This class will be offered for college credit only:

(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.

SERVICE

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.