



Skutt Catholic High School

Program of Studies

2010-2011

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Graduation Requirements

Required Minimum Credits/Semesters	
Theology	8
English	8
Mathematics	6
Science	6
Social Studies	6
Foreign Language	4
Character Skills	2
Health/P.E.	2
Fine Arts	2
Technology	1
Electives	10

Credits are earned per semester. A one semester class equals one credit. A two semester class equals two credits. A one semester block class which meets two periods per day also equals two credits. A two semester block class equals 4 credits.

Credit sections followed by a (W) are weighted grade classes.

Prerequisite grades must be earned by the end of the 1st semester. Failure to maintain prerequisite grades 2nd semester will disqualify the student from taking the class.

Prerequisite instructor recommendations are given by student's 2009-10 instructor in the subject area. Prerequisite instructor permission is given by the instructor who will teach the class in 2010-11. If the student is unsure of who the instructor will be in 2010-2011, he/she should consult his/her guidance counselor.

Grading System

	Percentage	Academic	Honors/AP
A+/A	94-100	4.0	4.5
A-	92-93	3.7	4.2
B+	90-91	3.3	3.8
B	86-89	3.0	3.5
B-	84-85	2.7	3.2
C+	82-83	2.3	2.8
C	78-81	2.0	2.5
C-	76-77	1.7	2.2
D+	74-75	1.3	1.8
D	72-73	1.0	1.5
D-	70-71	0.7	1.2
F	Below 70	0	0

Business Department

Accounting I

Course Credit: 2

Prerequisite: Junior or Senior standing

Course Description:

This course provides students with instruction in the terminology and concepts of sole proprietorships, partnerships, and corporations. Double entry accounting principles and procedures are applied in maintaining business records for both service and merchandising businesses as well as management of personal business affairs.

Accounting II

Course Credit: 2

Prerequisite: Accounting I

Course Description:

Students will continue to learn corporate accounting practices, departmentalized accounting, control systems, adjustments, management and cost accounting, and computerized accounting practices. Students will also use computers for spreadsheets and word processing.

Business Law I

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

Students in this one semester course will learn the structure of our legal system. Ethics, rights, and responsibilities of individuals, businesses, and corporations will also be covered. Specific areas of law taught will be Contract, Finance, and Employment Law. Students will also research prior cases, develop new case situations, and solve legal matters as enhancement to the course material.

Business Law II

Course Credit: 1

Prerequisite: Business Law I

Course Description:

This semester course emphasizes the topics of Property Law, Commercial Papers, Losses, and Business Organizational Law. A section on e-commerce and technology will supplement the content of the course.

Introduction to Business

Course Credit: 1

Prerequisite: Sophomore, Junior, or Senior standing

Course Description:

This course is the introduction to the many aspects of the "World of Work." Topics consist of Careers and Career Pathing in our Global Economy; Consumers and Consumer Rights; Financial Institutions and Banking Systems; Credit in our Economy; and Savings and Investment Strategies for Financial Management. Skills and content learned in this class provide the foundation for all other business courses in high school. The course will include supplemental content, activities, projects, and research papers to exemplify the different options available to future business majors.

Business Management

Course Credit: 1

Prerequisite: Introduction to Business

Course Description:

This one semester course is designed for those who plan to pursue the study of business in college. Students prepare for leadership roles in the business world by building a solid foundation of established business practices and procedures which form the groundwork for all business operations. By participating in class activities, games, workbook assignments, and video presentations, students will obtain an awareness of the problems, decisions, and managerial techniques involved in successfully operating small and large businesses.

Character Skills Department

Character Skills

Course Credit: 2

Freshman Requirement

Course Description:

Skutt Catholic defines success as using one's God given gifts and privileges to empower others. The Character Skills course teaches skills to students that will build character and when practiced, guarantee our students' success. The three sets of

skills are Critical Thinking, Self-Discipline, and Religious Practice. Additional units include Leadership, Tolerance & Diversity, Public Speaking, Use of Technology, and Abstinence Education.

Character Skills Transfer

Course Credit: 1

Transfer Student Requirement

Course Description:

Students transferring to SCHS will take this one semester course within the first year of enrolling. This course will cover the same concepts described in the Character Skills course.

Computer Technology Department

Computer Programming I

Course Credit: 1

Prerequisite: Grade of C or higher in Algebra I or concurrent enrollment in Algebra I

Course Description:

Computer Programming I is a one semester course in the study of Visual Basic programming language. Students will learn to write basic computer programs using Visual Basic. The instructor introduces commands and procedures through the textbook and sample programs, and the students practice them in small programs throughout the semester. The final project combines the skills and procedures from the entire semester into a program which entertains, educates, and/or accomplishes a task on the computer. Students with an interest in computer science or business are encouraged to enroll in this class.

Computer Programming II

Course Credit: 1

Prerequisite: Grade of C or higher in Computer Programming I

Course Description:

Computer Programming II is a one semester course which continues the study of the Visual Basic programming language. Students continue to add to their knowledge of Visual Basic through the use of more complex commands and procedures. Data

Structures are introduced and basic sorting and searching techniques are covered.

Honors Computer Programming III-C++

Course Credit: 2 (W)

Prerequisite: Junior or Senior standing, grade of C or higher in Computer Programming I, and permission of instructor

Course Description:

This course is designed to rigorously challenge students by concentrating on learning and applying the structures of the C++ programming language. The course will cover the basics of C++ and will begin the study of more advanced topics such as object oriented programming. Students have the option of taking this class for college credit through Dual Enrollment at UNO. Students choosing to take this course for college credit are responsible for paying all tuition and applicable fees.

Advanced Placement Computer Science – Java

Course Credit: 2 (W)

Prerequisite: Junior or Senior standing, grade of C or higher in Computer Programming I, and permission of instructor; Honors Computer Programming III C++ is encouraged.

Course Description:

This course is designed to challenge students by concentrating on learning and applying the structures of the Java programming language, as well as preparing students to earn college credit through the Advanced Placement Exam. The course will cover the basics of Java programming topics such as applet construction, graphics, and object oriented programming. Students may also take the class solely for the experience of learning the language. Students with a desire to study and/or work in the computer programming field are strongly encouraged to enroll in this class. This class can be taken for college credit through the UNO Dual Enrollment program. Students are responsible to pay all tuition and applicable fees. This class mirrors a first year college class in computer programming in the C++ language.

Microcomputer Applications

Course Credit: 1

Prerequisite: Freshman or Sophomore standing, Juniors and Seniors only with permission of instructor

Course Description:

This one semester course provides students with an overview of the Microsoft Office applications: Word, Excel, and PowerPoint. Students concentrate on using each application to create business documents based on simulated real life situations and data. This course is expected to give students a basic knowledge of the most common business applications used today, as well as prepare them to use these applications in many different courses at Skutt Catholic.

Multimedia Applications

Course Credit: 1

Prerequisite: Sophomore, Junior, or Senior standing, completion of a one semester computer class, and permission of instructor

Course Description:

The focus of this course is using Sony Vegas and ACID Software to introduce students to entertainment based multimedia applications. This course is designed to take students' knowledge of computer technology and extend and expand it as the students create music mixes, slide shows, and short video presentations. Students will also learn basic DVD menus and rendering, using Sonic Foundry's DVD Architect software.

English Department

English 9

Course Credit: 2

Course Description:

This yearlong course teaches the student research, writing, and speaking skills. Students will also receive a thorough review of English grammar throughout the year. The students will practice expository paragraph formats leading to the development of the essay, do creative writing exercises, and examine literature selections through personal writing. In addition, the class will read novels and a Shakespearean tragedy.

Honors English 9

Course Credit: 2 (W)

Prerequisite: Scoring at the 90th percentile or higher on the 8th grade Placement Test in Language

Course Description:

Students will complete the curriculum in English 9 at an accelerated pace with more rigorous expectations. This course includes supplemental content and activities designed to extend and enrich student comprehension, discussion, writing, presentation, and research skills.

World Literature

Course Credit: 2

Course Description:

World Literature is a yearlong course designed for sophomores that takes an in-depth, global view of literature through the ages. This course enables students to explore and experience the world through the eyes of ancient, classic, medieval, Renaissance, romantic, modern, and contemporary writers. Great emphasis is placed on understanding ourselves (individually and collectively) and on how we fit into our world. The skills focus on research, writing, and communication, as well as grammar and vocabulary.

Honors World Studies: Literature

Course Credit: 2 (W)

Prerequisite: Grade of A in English 9 or B+ or higher in Honors English 9 and current English instructor recommendation

Course Description:

This interdisciplinary block scheduled course for sophomores must be taken concurrently with Honors World Studies: History. These courses provide students with an in-depth look at world literature and history, from prehistory to the present. The literature course devotes considerable time to the critical evaluation of primary and secondary sources as well as important works of literature. Special emphasis will be given to develop students' historical and analytical essay writing skills, along with rigorous reading and note taking skills. Students will be expected to apply and demonstrate learning of World History/Literature themes. A minimum of four Diversity Experiences will be required outside of class time. Summer reading and subsequent assessment are required components of this course.

American Studies

Course Credit: 4

Course Description:

American Studies is a one year interdisciplinary course designed for juniors and taught jointly by American Literature and American History instructors. This course utilizes a thematic approach to study American culture from prehistory to the future. The units include “The American People, Immigrations and Ethnic Heritage; The American Identity, The Colonial and Revolutionary Era; The West, American Independence and Individualism; The Civil War, Conflict and Conscience; American Industrialization, Man and Machine; Decades of Change, America Comes of Age; WWII and the Cold War, The Age of Conformity; Modern America, The Age of Diversity; The Twenty-First Century.”

Honors American Studies

Course Credit: 4 (W)

Prerequisite: Grade of A in World Literature or B+ or higher in Honors World Studies:

Literature and current English instructor recommendation

Course Description:

Honors American Studies is a one year interdisciplinary course taught jointly by American History and American Literature instructors. In this block scheduled class, students will experience a thematic, in-depth study of American history, literature, and culture from the earliest Native Americans through the twenty-first century Americans of today. Students who register for this course should expect extensive reading and writing, with emphasis on higher level analytical skills necessary for success on the college level. Students will read a number of major works of classic American literature in addition to the readings completed in the American Studies history and literature textbooks. Each unit will also require students to devote time outside of class to individual and/or group projects.

Senior English

Course Credit: 2

Course Description:

Senior English is a yearlong course that surveys the major writers of England and the British Isles. After a chronological study of the political and cultural heritage of the era, students will analyze,

evaluate, and interpret British contributions to various genre: novel, essay, short story, drama, and poetry. In preparation for college, the student will focus on the research paper, poetry explication, and the personal essay, and practice using electronic information retrieval systems for research.

Advanced Placement English: Literature and Composition

Course Credit: 2 (W)

Prerequisite: Senior standing, A average in the English portion of American Studies or B+ or higher in the English portion of Honors

American Studies, and current English instructor recommendation

Course Description:

This course is designed to prepare students to earn college credit by rigorously preparing them for the Advanced Placement exam. The text, content, and pacing of this class resemble those of college classes in literature and rhetoric. Students are strongly encouraged to take the Advanced Placement exam in English literature and composition at the conclusion of the course.

Advanced Writing

Course Credit: 1

Prerequisite: Creative Writing

Course Description:

Advanced Writing builds on the fundamentals learned and practiced in Creative Writing. As students continue to develop their writing skills through daily and weekly assignments, they will be working toward three major goals: a portfolio compilation of their work, development of two highly polished works which the student will seek to submit to various writing contests and publishers, and construction of a school-wide literary magazine.

Creative Writing

Course Credit: 1

Course Description:

Creative Writing provides the prospective writer with the opportunity to actively learn and engage writing's core fundamentals: imagery, voice, character, setting, and story. Students will employ these fundamentals in the development of personal essays, fictional stories, and poetry. As a workshop course, the class will engage in all aspects of the writing process, from pre-writing to drafting to

publishing. Students will be required to demonstrate timely completion of daily and weekly writing exercises, four long-term writing projects, and a final portfolio of each student's work. This course is for the beginning writer who desires to improve and/or explore his/her writing skills.

Fine Arts Department

Art I

Course Credit: 2

Course Description:

This is a foundation course in the basic elements of art, art appreciation, and art's contributions to our world. Projects include drawing, painting, sculpture, and mixed media. Students will view, discuss, and write about a variety of art pieces including works by the masters and their own work. Students will practice methods for developing creative thought processes.

Art II/Painting and Drawing

Course Credit: 2

Prerequisite: Art I or permission of instructor

Course Description:

During the first semester, students review and refine drawing techniques working with graphite, charcoal, pastels, ink, and washes. A strong emphasis is placed on the principles of design. Students will then be introduced to various artists and periods/styles of painting with an emphasis on production, aesthetics, and criticism. Students are encouraged to use synectics and become more personally connected to their work. Art careers are researched and discussed.

Art III/Painting, Drawing, and Printmaking

Course Credit: 2

Prerequisite: Art II/Painting and Drawing or permission of instructor

Course Description:

Students will explore new media such as Batik and printmaking methods. Students will move toward more personalized work. They will utilize art vocabulary to describe and critique their own work and that of others. Students will search for meaning in master works as well as their own creations as they begin to assemble a portfolio. Participation in various art shows and field trips is encouraged.

Honors Art IV 2-D Studio/Portfolio

Course Credit: 2 (W)

Prerequisite: Art III Painting, Drawing, and Printmaking, and/or permission of instructor

Course Description:

This is an honors course for the serious art student. Students will build on their past work with an emphasis on creative design with the use of synectics. A completed portfolio is required at the end of first semester. All students are required to submit work to art exhibits second semester. Students are encouraged to explore individual interests in media and techniques while studying various artists and periods of art history. There are opportunities for field trips and special workshops. Seniors develop ideas for and create the senior special project at the end of the year.

Advanced Placement Studio Art 2-D Design

Course Credit: 2 (W)

Prerequisite: Art III Painting, Drawing, and Printmaking and/or permission of instructor

Course Description:

Students will explore practical Design experiences of art production and develop mastery in concept, composition, and execution of their ideas. A required portfolio that expresses excellence in quality, breadth, and concentration is the culmination of this course. Throughout the year students are prepared for the Advanced Placement Exam in May. Students must be willing to put in extra time, work independently, and have a passion for Art. Summer work is required.

Advanced Placement Studio Art 2-D Drawing

Course Credit: 2 (W)

Prerequisite: Art III Painting, Drawing, and Printmaking, and /or permission of instructor

Course Description:

Students will explore practical Drawing experiences of art production and develop mastery in concept, composition, and execution of their ideas. A required portfolio that expresses excellence in quality, breadth, and concentration is the culmination of this course. Throughout the year, students are prepared for the Advanced Placement Exam in May. Students must be willing to put in extra time, work independently, and have a passion for Art. Summer work is required.

Art II/Pottery and Sculpture

Course Credit: 2

Prerequisite: Art I or permission of instructor

Course Description:

Students will work with basic ceramic and sculpture techniques each semester. Techniques practiced will include pinching, coiling, slab-construction, modeling, potter's wheel skills, and a variety of firing techniques. Papier-mache, carving, and assemblage sculpture techniques will also be used. Methods conducive to creative thinking and problem solving will be used to help students design meaningful and personal art work. Sculptural and ceramic art from a variety of cultures and time periods in history will be researched. Students will analyze artwork according to technique, form, content, and the principles of design.

Art III/Pottery and Sculpture

Course Credit: 2

Prerequisite: Art II/Pottery and Sculpture or permission of instructor

Course Description:

Students will refine their skills with clay and sculpting techniques and begin to develop their own style. Concepts and techniques learned in Art II/Pottery and Sculpture will be reviewed and practiced. Projects will be done in sets and series. Some opportunities for independent study will be available. Special projects will be included. Emphasis is on creating quality crafted work and preparing a portfolio for college. Students will study ceramic and sculptural art from around the world and different periods and styles.

Honors Art IV/Pottery and Sculpture

Course Credit: 2 (W)

Prerequisite: Art III/Pottery and Sculpture and/or permission of instructor

Course Description:

This is an honors class for students who have completed all other pottery/sculpture classes and demonstrate a commitment to learn about art outside of the school environment. Students will design projects, create rubrics, and set goals for what they will accomplish each semester. Skills learned in prior art classes will be refined. Creating a portfolio (online or traditional) and participating in art events outside of class time are required.

Discovering Art History

Course Credit: 1

Course Description:

Art appreciation is the focus of this one semester class. Students will study the reasons why people make art, as well as the progression of art over time, styles of art, how art is a product of culture, and art's effect on culture. Artists from a variety of cultures and life experiences will be studied. Students will use art terminology to speak and write about various types of art. Students will be using a variety of art materials and methods.

Oral Communications

Course Credit: 1

Course Description:

Oral Communications stresses principles and practices of public speaking. Students will give a minimum of six speeches during this one semester course, three of which are impromptu in nature. Students will demonstrate their speaking skills for at least one group outside of class.

Digital Image I

Course Credit: 1

Prerequisite: Art I

Course Description:

Creation of digital images is the focus of this fine arts class. Students will explore digital photography and the Adobe CS2 Photoshop and In Design programs. A good quality digital camera and the instruction manual for that camera are required materials. Students will learn the fundamentals of digital photography, how to refine their images with Photoshop, and how to produce final products such as prints, posters, and brochures. This class will have an emphasis on visual literacy and analysis of images in both history and popular culture.

Digital Image II

Course Credit: 1

Prerequisite: Digital Image I

Course Description:

Students will expand their knowledge of digital photography and Adobe CS2 programs. There is an emphasis on creation of a body of work and students have the opportunity to develop themes of their choice. Students will research and analyze the work of professional artists. Advanced students will assist the SCHS community with the production of posters, programs, etc. Students will

create a digital portfolio of their images and submit their best work to art exhibitions.

Drama I

Course Credit: 1

Course Description:

This course establishes a basic introduction to theater. Drama I will introduce students to theatrical vocabulary, elements, conventions, and basic concepts. It will also cover historical and cultural backgrounds, experiences that develop a broad-based body of knowledge, and technical skills and strategies for evaluating theater experiences. Aspects of theater that may be included are movement, pantomime, dramatic literature, oral interpretation, theater history, and acting.

Drama II

Course Credit: 1

Prerequisite: Drama I

Course Description:

This course is designed for students who wish to pursue their knowledge and skill in theater. Acting techniques and style, technical theater, and student directing will be emphasized in more specific detail with emphasis on greater student involvement in the theatrical process.

Advanced Acting

Course Credit: 2

Prerequisite: Drama II

Course Description:

Advanced Acting is a specialized training course for the student looking to continue development of the acting craft. The course will focus on the practice of four acting methods established by leading instructors in the craft: Stanaslavski, Strasberg, Meisner, and Adler. The course will be broken down into four quarters: Shakespearean Theatre, Comedic Theatre, Dramatic Theatre, and the Audition/Monologue.

The Art of Music Theatre

Course Credit: 1

Course Description:

Students will be introduced to the history of the different types of musical theatre in this course. These will include opera, operetta, musical comedy, and movie musicals. Students will study the basic elements of musical theatre, including song, dance,

and aspects of production. Students will have the opportunity to see live performances of stage musicals, as well as video performances.

Voice

Course Credit: 2

Course Description:

This course is designed to meet the needs of vocal music students in a more individualized manner. Students will learn about the fundamentals of music notation and apply that directly to the singing voice. Students will be coached on an individual basis during class time in the areas of vocal technique, part singing, and other aspects of vocal performance. This class prepares students for singing solos and singing in small groups. Students will work on solo and small ensemble music and will have the opportunity to perform in concert with the Concert Choir and compete in solos and small groups at the District Music Contest. Voice students will sing a variety of music throughout the year, and will have the opportunity to audition for *Vivace* show choir and *Hawkappella* men's choir.

Concert Choir

Course Credit: 2

Course Description:

This performance oriented class will study sophisticated choral literature and build upon part singing in choral music. Students will have the chance to audition for the Nebraska All State Choir and other Honor Choirs, in addition to competing as an ensemble at the District Music Contest. The Concert Choir is showcased at Choral Concerts throughout the year, in addition to all school Masses, Baccalaureate, and graduation. (Instructor recommendation required for All State, Honor Choir, and District Music Contest auditions). Concert Choir students will sing a variety of music throughout the year, and will have the opportunity to audition for *Vivace* show choir and *Hawkappella* men's choir.

Honors Concert Choir

Course Credit: 2 (W)

Prerequisite: Senior standing, three years of high school choir, and instructor permission

Course Description:

Seniors may apply for this class during the spring of their Junior year. Honors credit is issued to students who have been a member of Concert Choir all four

years and have received permission from the instructor. In addition, the student must complete a research project in conjunction with each of the four concerts. Honors Concert Choir students will sing a variety of music throughout the year, and will have the opportunity to audition for *Vivace* show choir and *Hawkappella* men's choir.

Show Choir

Course Credit: .5

Prerequisite: Audition and/or permission of instructor

Course Description:

Show Choir is a select singing and dancing ensemble. Auditions will be held in the spring with the opportunity for new students to audition in the fall. Show Choir will meet on Monday, Wednesday, and Friday during E Period (6:45 a.m. – 7:30a.m.)

Beginning Band and Percussion

Course Credit: 2

Course Description:

This is a class for those who want to learn how to play band instruments. This class gives the students a chance to learn a wind instrument of their choice and percussion. Percussion instruments include marching drums, drum set, concert percussion, and world drums. Wind instruments include trumpet, French horn, trombone, baritone, tuba, flute, clarinet, and saxophone. All instruments can be provided by the school or the student can purchase their own. At the end of the school year, each student will be able to read and perform music at a confident level.

Band

Course Credit: 2

Prerequisite: Experience with band instrument required

Course Description:

This is a course for students who have experience playing a band instrument and have an interest in band music literature. The students perform as a concert band and a pep band for selected sporting events. Students will advance in technical and musical skills on their chosen instrument and play a wide variety of music from many styles. Students in Band will also have the opportunity to try out for Jazz Ensemble, Musical Pit Orchestra, small group ensembles, and solos.

Honors Band

Course Credit: 2 (W)

Prerequisite: Senior standing, three years of high school band, and instructor permission

Course Description:

Seniors may apply for this class the spring of their Junior year. Honors credit is issued to students who have been in Band the three previous years and have received permission from the instructor. Students in Honors Band will have the opportunity to try out for Jazz Ensemble, Musical Pit Orchestra, small group ensembles, and solos.

Orchestra

Course Credit: 2

Prerequisite: Permission of instructor

Course Description:

Orchestra is for all students who play a string instrument and desire to perform repertoire from all periods of music history. Opportunities exist for chamber music, solo performance, and participation in honor groups and contests.

Honors Orchestra

Course Credit: 2 (W)

Prerequisite: Senior standing, three years of high school orchestra, and instructor permission

Course Description:

This is an honors course for the serious music student. Students are required to audition for All-State, audition for at least one honor orchestra, perform high level solo and ensemble materials, attend special workshops, and take on student leadership responsibilities in orchestra. Opportunities exist for chamber music, solo performance, and participation in honor groups and contests.

Piano I

Course Credit: 2

Course Description:

This is for students who have no background in piano. Students will learn to play the piano/keyboard using a piano workbook/textbook. Students will advance in technical and musical skills, learn standard notation, basic music theory, and a wide range of basic styles such as classical, pop, and jazz.

Piano II

Course Credit: 2

Prerequisite: Piano I or instructor placement following extensive piano studies

Course Description:

This course is designed for students with a background in piano. Students will continue their piano studies at an individualized pace using electronic keyboards. Students will develop their technical skills in the areas of scales, theory, and musical styles such as jazz and others that are appropriate to their playing level. A music theory assessment and playing evaluation with the instructor must be completed prior to enrolling in this course.

Guitar I

Course Credit: 2

Course Description:

Guitar I is a beginning guitar class designed to allow students with limited or no playing experience to progress at their own pace. Students will advance in technical and musical skills; learn standard notation, tablature, chords, and basic music theory. A wide range of music styles will be performed and studied. Students will have the opportunity to perform as a large ensemble or in small groups. Students must provide their own acoustic guitar.

Guitar II

Course Credit: 2

Prerequisite: Completion of Guitar I with an A average or permission of instructor

Course Description:

Guitar II allows guitarists to continue their growth as a musician. Students taking this class are expected to read standard notation, chord symbols, and tablature. Students will continue to advance in technical and musical skills and study music theory. Students will play a wide variety of music from many styles and time periods. Students will have the opportunity to perform as a large ensemble or in small groups. Students must provide their own acoustic guitar.

Guitar III

Course Credit: 2

Prerequisite: Completion of Guitar II with an A average or permission of instructor

Course Description:

Guitar III allows advanced guitar students to continue their growth as a musician. Students should be able to read standard notation, chord symbols, and tablature at a confident level. Students will continue to advance in technical and musical skills and study music theory at a higher level. Students will play a wide variety of music from many styles and time periods. Students will have the opportunity to play with large groups or in small ensembles. Students must provide their own acoustic guitar.

Music of the World

Course Credit: 2

Course Description:

In this course the student will learn the many different genres of music from around the globe. By using concepts from western music theory, they will compare the similarities and differences of music from around the world. Students will also see how different cultures' music has influenced the music of today. Students will have access to a variety of media, be able to compose music, have hands on experiences with different instruments, and have opportunities to see live performances of some of the music discussed in class.

World Languages Department

Spanish I

Course Credit: 2

Course Description:

First year Spanish provides an introduction to the five language skill levels of listening, speaking, reading, writing, and thinking in a foreign language. Emphasis is placed on vocabulary acquisition, pronunciation, and basic grammar concepts. Aspects of the Hispanic culture are taught as an integral part of the learning process.

Spanish II

Course Credit: 2

Prerequisite: Spanish I or successful completion of the Spanish Placement Exam (given to incoming Freshmen only)

Course Description:

This course further enhances the skills learned in Spanish I and continues the development of the target language. Skills in reading, writing, listening, speaking, and thinking are practiced in the classroom. Emphasis will be placed on grammar.

Honors Spanish II

Course Credit: 2 (W)

Prerequisite: Grade of B+ or higher in Spanish I or successful completion of the Spanish Placement Exam (given to incoming Freshmen only) and instructor recommendation

Course Description:

This course enhances the skills learned in Spanish I and continues the development of the target language. Emphasis will be placed on grammar. Skills in reading, writing, listening, speaking, and thinking are practiced in the classroom. Students are required to complete projects in Spanish as selected by the instructor.

Honors Spanish II-III

Course Credit: 2 (W)

Prerequisite: Spanish I with a grade of B+ or higher and teacher recommendation

Course Description:

In Honors Spanish II-III, all concepts covered in both Spanish II and Spanish III are covered at an accelerated speed. Enrollment in Honors Spanish II-III prepares students rigorously for future Spanish classes and makes it possible for the student to progress through Honors Spanish V by graduation from SCHS.

Spanish III

Course Credit: 2

Prerequisite: Grade of C or higher in Spanish II or Honors Spanish II

Course Description:

This course provides instruction in advanced grammar and verb conjugations with increased practice in writing and speaking. There will be reading assignments and discussion in Spanish.

Honors Spanish III

Course Credit: 2 (W)

Prerequisite: Grade of C or higher in Honors Spanish II or grade of B+ or higher in Spanish II and instructor recommendation

Course Description:

Honors Spanish III will emphasize advanced grammar with increased writing and speaking. There will also be readings of short stories with in-depth discussions in the target language. Students are required to complete projects as selected by the instructor.

Spanish IV

Course Credit: 2

Prerequisite: Grade of C or higher in Spanish III/Honors Spanish III

Course Description:

Spanish IV involves the application of the language skills learned in the previous Spanish courses. Varied topics of the customs and culture of Hispanic people are presented. There is more emphasis in oral communication through discussions and simulations of real life situations. Grammatical concepts are reviewed and new ones learned.

Honors Spanish IV

Course Credit: 2 (W)

Prerequisite: Grade of C or higher in Honors Spanish III or grade of B+ or higher in Spanish III and instructor recommendation

Course Description:

Spanish IV focuses on advanced grammar and composition and will incorporate outside reading. Most of the class will be conducted in Spanish. Students are required to complete projects as selected by the instructor.

Honors Spanish V

Course Credit: 2 (W)

Prerequisite: Grade of C or higher in Honors Spanish IV and instructor recommendation

Course Description:

Spanish V will continue the study of the five language skills. It will include more literature, advanced grammar, and writing. Discussion will be conducted in Spanish. Students have the option of taking this class for college credit through Dual Enrollment at UNO. Students choosing to take this

course for college credit are responsible for paying all tuition and applicable fees.

French I

Course Credit: 2

Course Description:

First year French provides an introduction to the five language skill areas of listening, speaking, reading, writing, and thinking in the target language. Emphasis is placed on vocabulary acquisition, pronunciation, and basic grammar concepts. Cultural aspects of the French speaking world are taught as an integral part of the learning process.

French II

Course Credit: 2

Prerequisite: French I or successful completion of the French Placement Exam (given to incoming Freshmen only)

Course Description:

French II will reinforce and expand the basic language skills introduced in French I. Greater emphasis will be placed on understanding the patterns of daily living which characterize French culture, and on developing the oral communication skills needed to function in a French speaking setting.

Honors French II

Course Credit: 2 (W)

Prerequisite: Grade of B+ or higher in French I or satisfactory completion of the French placement exam (given to incoming Freshmen only) and instructor recommendation

Course Description:

Honors French II will reinforce and expand the basic language skills introduced in French I. Greater emphasis will be placed on understanding the patterns of daily living which characterize French culture, and on developing the oral communication skills needed to function in a French speaking setting. Students will be introduced to the reading of short works of fiction in French. Enrichment projects will be assigned.

Honors French III/IV

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Honors French II and instructor recommendation

Course Description:

Completion of this accelerated class allows students to take Honors French V in their junior or senior year. The materials are the same as for Honors French III and Honors French IV, but the pace is faster and the expectations are higher. Most of the class will be conducted in French.

Honors French V

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Honors French III/IV and instructor recommendation

Course Description:

Honors French V utilizes a college level text to strengthen the students' language skills while broadening their knowledge and appreciation of francophone culture. Equal emphasis will be given to vocabulary acquisition, grammar study, reading of authentic materials, listening practice, and meaningful communication. The course will be conducted in French. Students who elect to take this class for college credit through Dual Enrollment at UNO are responsible for paying all tuition and applicable fees.

German I

Course Credit: 2

Course Description:

First year German provides an introduction to the five language skill areas of listening, speaking, reading, writing, and thinking in German. Emphasis is placed on vocabulary, pronunciation, and basic grammar. Cultural aspects of the German speaking countries are integrated in the course materials. Students will have a variety of projects which enhance learning and strengthen skills through literature, songs, and prayers.

German II

Course Credit: 2

Prerequisite: German I or successful completion of the German Placement Exam (given to incoming Freshmen only)

Course Description:

German II will continue to expand on the basic skills acquired in German I. Greater emphasis will be placed on understanding Germanic culture and

developing conversational ability. Students will continue to have projects of a cultural nature which enhance learning in the target language. Students will also develop skills in translation from German to appropriate English.

Honors German II

Course Credit: 2 (W)

Prerequisite: Grade of B+ or higher in German I or satisfactory completion of the German placement exam (given to incoming Freshmen only) and instructor recommendation

Course Description:

This course enhances the skills learned in German I and continues the development of the target language. Skills in reading, writing, listening, speaking, and thinking are practiced in the classroom. Students are required to complete additional projects on topics to be selected by the instructor.

Honors German III

Course Credit: 2

Prerequisite: Grade of C or higher in Honors German II or Grade of B+ or higher in German II and instructor recommendation

Course Description:

German III will explore Germanic culture in greater depth. Vocabulary, grammar, and translation work will continue to be emphasized, but at a more advanced level. Students will do more cooperative work and more writing in the target language. Authentic sources will continue to be used for projects which enhance cultural learning.

Honors German III/IV

Course Credit: 2 (W)

Prerequisite: Grade of B in Honors German II and instructor recommendation

Course Description:

Completion of this accelerated class allows students to take Honors German V in their junior or senior year. The materials are the same as for Honors German III and Honors German IV, but the pace is faster and the course is more focused on vocabulary, grammar, and translation.

Honors German IV

Course Credit: 2 (W)

Prerequisite: A grade of C or higher in Honors German III or permission of instructor

Course Description:

Honors German IV will continue to refine the fundamental skills acquired in German I, II, and Honors German III. Translation work will be emphasized, as well as correct sentence structure. Students will become more personally involved in the learning process, and develop skills for a lifelong appreciation of the German language and culture.

Honors German V

Course Credit: 2 (W)

Prerequisite: Grade of C or higher in Honors German IV and instructor recommendation

Course Description:

Honors German V will expand the study of appropriate grammatical usage of mood and tense and introduce students to a variety of authentic literary works and cultural artifacts. Students will be involved in cooperative translation work as well as independent writing as the rules of complex sentence structure are introduced and mastered. Students who elect to take this class for college credit through Dual Enrollment at UNO are responsible for paying all tuition and applicable fees.

Health/Physical Education Department

Aerobics

Course Credit: 1

Prerequisite: Sophomore, Junior, or Senior standing

Course Description:

Students will participate in tae-bo, step aerobics, walking, and plyometric training. Students will also focus on muscle toning, flexibility, life long activities, and proper diet and nutrition.

Health

Course Credit: 1

Freshman Requirement

Course Description:

Students will learn about the many aspects of health and health concerns they will encounter in their lives. They will understand the importance of maintaining the physical, mental, and social sides of their health triangle. Mastery of the information will provide the student with the tools and knowledge to live a healthy and happy life. All freshmen take Health concurrently with Physical Education on alternating days.

Physical Education

Course Credit: 1

Freshman Requirement

Course Description:

Students will learn about themselves physically, mentally, and socially. Students will also learn how to assess and establish personal fitness programs. Mastery of information will provide students with concepts needed to maintain themselves in a state of physical fitness throughout their lifetime. All freshmen take Physical Education concurrently with Health on alternating days.

Sports Health Care

Course Credit: 1

Prerequisite: Sophomore, Junior, or Senior standing and permission of instructor

Course Description:

This course is an introduction to the field of athletic training and physical therapy. The students will learn the basic skills needed by athletic trainers and physical therapists. These include: first aid, injury prevention and recognition, therapeutic modalities, prevention and risk management, evaluation and assessment of sports injuries, immediate care, treatment, rehabilitation and reconditioning, organization, and administration. Students with a desire to study or work in the field of athletic training, physical therapy, or occupational therapy are strongly encouraged to enroll in this class. Lab fees and outside classroom hours attending practices and games are expected. Students who elect to take this class for college credit through Dual Enrollment at UNO are responsible for paying all tuition and applicable fees.

Wellness I

Course Credit: 2

Prerequisite: Health and Physical Education

Course Description:

This activity class is designed to help students experience personal achievement in the weight room. The components of physical fitness (muscle strength, muscle endurance, flexibility, body composition, and cardiovascular endurance) are applied to help each person realize a significant level of achievement by improving his/her level of fitness.

Wellness II

Course Credit: 2

Prerequisite: Wellness I

Course Description:

Students will learn, explain, and participate in an advanced wellness program focusing on cardiovascular fitness, muscle strength and endurance, flexibility, and body composition.

Advanced Conditioning

Course Credit: 2

Prerequisite: Wellness II

Course Description:

Students will participate in an advanced weight training program specific to competitive fitness levels. Students will use computers to chart their progress and will be taught specific lifts to enhance athletic skills and cardiovascular fitness. Anaerobic running, flexibility, and footwork speed drills will be worked on daily.

Industrial Technology Department

CAD I - Engineering Graphics

Course Credit: 2

Course Description:

This is a foundation course for students planning a career in engineering. Students will be exposed to basic mechanical drafting techniques: sketching, orthographic projection, isometric drawing, scale drawing, and sections. The students will use AutoCAD 2009, an industry standard software package, to design working drawings of machine parts and solve various problems using two

dimensional and three dimensional drawing practices.

CAD II – Residential Architectural Drafting and Design

Course Credit: 2

Prerequisite: CAD I

Course Description:

This is a beginning level architectural drafting course. The students will learn the basics of house planning and design, with emphasis on design consideration, construction practices, and factors to consider when purchasing a home. The students will have the opportunity to develop skills in making and reading construction documents by completing a full set of CAD produced prints based on the instructor's guidelines.

CAD III – Advanced Architecture: Theories and Design

Course Credit: 2

Prerequisite: CAD II

Course Description:

This is an advanced course designed to provide career information and to apply concepts and render methods in the design and presentation of residential as well as commercial structures. Classroom organization and activities will allow the student to articulate architectural concepts both verbally and in writing. The final project will consist of a rendered presentation board showing the floor plans, site plan, elevations, and a pictorial of the student's own design.

CAD IV – Advanced Architecture: Modeling and Presentation

Course Credit: 2

Prerequisite: CAD III

Course Description:

This course is designed to allow the student to apply learned skills, from previous coursework, in developing physical or computer generated models of structures. The models will be designed in a "team" setting. The students are expected to present their completed work during public lectures with peers, teachers, and community professionals.

Mathematics Department

Pre-Algebra

Course Credit: 2

Course Description:

Pre-Algebra teaches the student applied arithmetic, basic algebra, and geometry topics in preparation for Algebra I. The goal of this course is to increase mastery and build the confidence of the students. This course is not accepted by colleges as a math requirement for admission. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests. This course is reserved for those freshmen who are encouraged to enroll in it by the administration.

Algebra I

Course Credit: 2

Prerequisite: Pre-Algebra or permission of instructor

Course Description:

This course teaches the basic principles of algebra, with an emphasis on development of problem solving skills and an understanding of the logic behind the rules and properties used in algebra. Topics covered include rules for positive and negative numbers, solving equations, factoring polynomials, fractions, functions, and systems of equations and inequalities. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Honors Algebra I

Course Credit: 2 (W)

Prerequisite: Grade of an A in Pre-Algebra or Basic Algebra, scoring at the 90th percentile on the 8th grade Placement Exam in Math, and/or permission of instructor

Course Description:

This course is an in-depth study of the rules and properties of algebra, with an emphasis on development of problem solving skills. Topics covered include factoring polynomials, fractions,

functions, systems of equations, inequalities, radicals, and quadratic functions. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Geometry

Course Credit: 2

Prerequisite: Algebra I

Course Description:

This course will study points, lines, planes, and their relationship in space. Other topics include the development of logical reasoning through the writing of proofs. The course will also cover similar triangles, circles, right triangles, area and volume, and their application to the real world. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Honors Geometry

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Honors Algebra I and/or instructor recommendation

Course Description:

This course will study points, lines, planes, and their relationship in space through the exploration of parallel and perpendicular lines, triangles, quadrilaterals, and polygons. The development of logical reasoning is done through the study of proofs. The second semester is an in-depth study of similar triangles, circles, area and volume, coordinate geometry, and their application to the real world. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Algebra II

Course Credit: 2

Prerequisite: Geometry

Course Description:

This course expands the students' knowledge of algebra and develops further applications of previous courses while preparing them for Pre-

calculus, Statistics, and Trigonometry. Points of emphasis include solving a variety of equations, evaluating, and graphing many types of functions, and working with matrices, determinants, and conic sections. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Honors Algebra II

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Honors Geometry and/or instructor recommendation

Course Description:

This course is an in-depth study of the material covered in Algebra II at an accelerated pace. Points of emphasis include solving a variety of equations, functions, matrices, determinants, and conic sections. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Trigonometry

Course Credit: 1

Prerequisite: Algebra II (Students who have taken Honors Pre-Calculus/Trigonometry are not eligible for this class)

Course Description:

This semester course introduces the student to the six basic circular and trigonometric functions. Points of emphasis include the properties of the functions, graphing, and transformation of the graphs, solving triangles, and other applications of trigonometric functions. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Beginning Statistics

Course Credit: 1

Prerequisite: Algebra II (Students who have taken Contemporary Business Statistics are not eligible for this class)

Course Description:

Statistics is the study of collecting, organizing, interpreting, and making inferences about a population based on samples selected from the population. This class contains four major topics: organizing and analyzing qualitative and quantitative data, probability, distributions of discrete and continuous random variables, and confidence intervals for large and small sample sizes. Graphing calculators are used to explore various techniques used in statistics. Each student is required to have his/her own graphing calculator. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Algebra III

Course Credit: 1

Prerequisite: Algebra II

Course Description:

This course is for students who want to improve their mathematical skills by studying conic sections, sequences, series, probability, statistics, and further exploration of polynomials, rational, exponential, and logarithmic functions. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Discrete and Finite Mathematics

Course Credit: 1

Prerequisite: Algebra II

Course Description:

This semester course will introduce the student to a wide variety of mathematical topics. These include: set and related operations, principles of logic, arithmetic and geometric sequences and series, matrices, graph theory, and probability. This class is recommended to students interested in studying computer science or related fields. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to

increase the student's retention of material from previous math classes and assist in preparation for future standard tests.

Contemporary Business Statistics

Course Credit: 2

Prerequisite: Grade of B or higher in Algebra II or Honors Algebra II and proficiency in Microsoft Excel (Students who have taken Beginning Statistics are not eligible for this class)

Course Description:

This course focuses on business applications of statistics including collecting, organizing, interpreting, and making inferences about a population based on selected samples. Students will be exposed to discrete and continuous probability distributions, sampling distributions, and hypothesis testing. Students enrolling in this class should be proficient in Microsoft Excel, as this will be used extensively for statistical problems and projects. Students who elect to take this course for college credit through Dual Enrollment a UNO are responsible for all tuition and applicable fees.

Honors Pre-Calculus/Trigonometry

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Honors Algebra II and/or permission of instructor (Students who have taken Trigonometry are not eligible for this class)

Course Description:

This course provides a solid foundation for the student planning to study calculus. It provides an in-depth study of all types of functions, including polynomial, rational, logarithmic, exponential, and trigonometric. The appropriate use of graphing calculators is also a part of this course. Each student is required to have his/her own graphing calculator. The majority of topics from trigonometry are covered during the second semester. Pre-Calculus is recommended for students that plan to study math or science in college. This course includes a series of skills tests over material covered in previous math courses. The tests are designed to increase the student's retention of material from previous math classes and assist in the preparation for future standardized tests.

Advanced Placement Calculus I

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Honors Pre-Calculus and/or permission of instructor

Course Description:

This course serves as an introductory course to the study of calculus. Topics include limits and their properties, derivatives and their applications, and integrals and their applications. Graphing calculators are used to explore various numerical techniques used in calculus. Each student is required to have his/her own graphing calculator. Students who elect to take this course for college credit through NE Wesleyan University or UNO are responsible for paying tuition and all applicable fees to the respective university.

Advanced Placement Calculus II

Course Credit: 2 (W)

Prerequisite: AP Calculus I and/or permission of instructor

Course Description:

This course builds on the students' knowledge of calculus. Topics include techniques of integration, infinite series, polar functions, and vectors. Graphing calculators are used to explore various numerical techniques used in calculus. Each student is required to have his/her own graphing calculator. Students who elect to take this class for college credit through NE Wesleyan University or UNO are responsible for paying tuition and all applicable fees to the respective university.

Non-Departmental

Academic Decathlon Seminar

Course Credit: 1

Prerequisite: 2.5 GPA and Sophomore, Junior, or Senior standing

Course Description:

This class concentrates on a specific study of Language & Literature, Economics, Art, Music, Science, Mathematics, Speech, Interviews, and Essay. The official USAD curriculum for the school (contest) year determines the specific topics studied within each of the above disciplines.

Competitive Speech I

Course Credit: 1

Course Description:

Students in this course will be given an overview of each of the nine Nebraska School Activities Association sponsored speech events. The course will require students to prepare speeches, literature presentations, or practice extemporaneous and impromptu speaking skills for competition at a minimum of three speech competitions. Students will learn the basics of how a speech and debate tournament will run, and if possible, the students will participate in the running of a tournament.

Competitive Speech II

Course Credit: 1

Prerequisite: Competitive Speech I

Course Description:

Students in this course will build on the skills that they have developed during the level I course or Oral Communications. They will be expected to prepare at least two events for competition and will help Competitive Speech I students as part of a course mentoring program. Students in this course will learn and practice skills utilized in peer coaching and judging of novice competitors.

Competitive Speech III

Course Credit: 1

Prerequisite: Competitive Speech II

Course Description:

Students will be asked to prepare at least two speech events and one limited preparation event for competition during the competitive speech season. Students will take a lead role in organizing a speech tournament.

Competitive Speech IV

Course Credit: 1

Prerequisite: Competitive Speech III

Course Description:

This course mirrors Competitive Speech III. Again, students will prepare at least two speech events and one limited preparation event for competition during the competitive speech season. Students will also take a lead role in organizing a speech tournament.

Debate

Course Credit: 1

Course Description:

Students in this course will be given an overview of each of the four debate genres sponsored by the Nebraska School Activities Association and the Nebraska Speech Communication and Theatre Association. The course will require students to select one of the debate genres to be the focus of the course as well as prepare research materials, cases, and other competition materials that would facilitate their participation at a minimum of three debate competitions. Students will learn the basics of how a debate tournament is run, and if possible, the students will participate in the running of a tournament.

Journalism

Course Credit: 1

Course Description:

A gateway course for the Newspaper Production and Yearbook Production courses, Journalism is a comprehensive course that encompasses all forms of electronic and print media. Students will learn methods of writing that vary from the rehearsed forms of the English class. Students will learn layout technique and form, as well as digital photography and photo editing. Student work from the Journalism course may be published in The Flightline, The SkyHawk, or both.

Newspaper Production I, II, III, and IV

Course Credit: 2

Course Description:

Students enrolled in Newspaper Production will be required to write at least one story or editorial that must meet a required minimum length per edition of The Flightline. In addition to writing responsibilities, each student will assume a specific role on the staff of the Flightline. These will include a number of editorial leadership positions, as well as a variety of special interest positions (photographer, cartoonist, editorialist, staff writer, etc). In addition to assisting in the publication of The Flightline, students will be expected to assist in the production of Flightline TV, Skutt Catholic's broadcast journalism project.

Philosophy

Course Credit: 1

Prerequisite: Senior standing and permission of instructor

Course Description:

Philosophy is a survey of classical through 20th century philosophical thought, including Plato, Descartes, Jefferson, Ghandi, and King. Research, journal writing, and discussion are prominent instructional methods.

Television and Film Production

Course Credit: 2

Course Description:

Students enrolled in this yearlong production class will learn how to plan, produce, and edit video and audio clips for the purposes of television and film production. Students will produce and edit a weekly television news program entitled "Flightline TV" as well as 2-3 weekly 5 minute long versions to be shown during the school week. Projects during the school year will include live broadcasts of school events, creation of short length films, and multi-interest variety programming for broadcasting.

Yearbook Production I, II, and III

Course Credit: 2

Course Description:

Students will learn budgeting, marketing, selling, thematic computer design, and layout. Skills in interviewing and reporting, writing headlines and captions, and photography will also be taught. These skills will be applied to the annual yearbook production. Time management and outside of class lab time are vital for success in this course.

Science Department

Biology

Course Credit: 2

Course Description:

Freshmen will gain a new appreciation for the living things around them through their study of ecology and the biodiversity of life. The study of the cell, its energy, cycles, and reproduction teach students the basic structure of all life. Human reproduction and genetics, earth history, classification of

organisms, and the study of plants complete students' biological investigations.

Honors Biology

Course Credit: 2 (W)

Prerequisite: 90th percentile or higher composite score on the 8th grade Placement Test and pass the Science Placement Test

Course Description:

Students will learn about the living world around them through scientific inquiry in this course designed for 9th graders. Critical thinking skills will be honed through observation and analysis. Many labs will be performed requiring basic algebraic understanding and technological knowledge, including Excel and Power Point. The first semester focuses on biochemical processes at the microscopic cellular level through the grand scale of the biosphere. Topics covered include energy flow, biochemistry, and cellular reproduction. The second semester examines genetics with an extensive research project emphasizing DNA structure, DNA modification benefiting organisms, and ethical dilemmas that have since arisen. Also covered are topics of genetics, natural selection, and classification. Numerous dissections will occur throughout the year to further student skill and understanding of organism adaptation and diversity in form and function.

Advanced Placement Biology

Course Credit: 2 (W)

Prerequisite: Senior Standing, B+ or higher in Biology, B or higher in Physics, and instructor recommendation

Course Description:

This course is designed to prepare students to earn college credit by rigorously preparing them for the Advanced Placement exam. The text, content, and pacing of this class resemble those of a first year college biology class.

Chemistry

Course Credit: 2

Prerequisite: Algebra I

Course Description:

This course, designed primarily for sophomores, examines the principles of measurement, the structure of matter, the principles underlying chemical bonding, and the systematic organization of knowledge found in the periodic table. A major

emphasis is placed on the chemical changes of matter in chemical reactions, and the kinetic theory as it relates to solids, liquids, and gases. Students will employ Algebra on a regular basis to solve quantitative problems.

Honors Chemistry

Course Credit: 2 (W)

Prerequisite: Grade of B or higher in Algebra I or Honors Algebra I and instructor recommendation

Course Description:

This course examines the principles of measurement, the structure of matter, the principles underlying chemical bonding, and the systematic organization of knowledge found in the periodic table. A major emphasis is placed on the chemical reactions, the kinetic theory as it relates to solids, liquids, and gases, as well as a critical examination of both thermochemistry and electrochemistry. Students are expected to display mastery of algebra on a regular basis to solve quantitative problems.

Advanced Placement Chemistry

Course Credit: 2 (W)

Prerequisite: Biology, grade of A in Chemistry and Physics or B+ in Honors Chemistry and Honors Physics or concurrent enrollment in Physics, and instructor recommendation

Course Description:

This course is designed to prepare students to earn college credit by rigorously preparing them for the Advanced Placement exam. The text, content, and pacing of this class resemble those of a first year college chemistry class.

Physics

Course Credit: 2

Prerequisite: Algebra II (or concurrent enrollment) and Chemistry

Course Description:

This course, designed primarily for juniors, is an intensive study of motion, forces, vectors, work, and energy. Emphasis is placed on a mathematical interpretation of the physical world.

Honors Physics

Course Credit: 2 (W)

Prerequisite: Algebra II (or concurrent enrollment), Chemistry, and instructor recommendation

Course Description:

The first semester of this junior year course emphasizes an intensive study of motion, forces, and vectors. Work, energy, and electricity are studied second semester, as well as an independent study in optics. A second semester engineering project and a modern physics study enhance the course. Computer tutorials and technical writing are incorporated into the course.

Advanced Placement Physics C

Course Credit: 2 (W)

Prerequisite: Senior standing, grade of B+ or higher in Honors Physics or grade of A in Physics, and instructor recommendation

Course Description:

This course is designed to prepare students to earn college credit by rigorously preparing them for the Advanced Placement exam. The text, content, and pacing of this class resemble those of a first year college physics class.

Astronomy

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

This course begins with the historical background of the science, constellation viewing, identification, and basic review of the properties of light. Students can visit Neale Woods Observatory during the semester to perfect their ability to navigate through the night sky. The students will take an Earth-out progression in their studies as they examine the solar system, near earth objects, stellar evolution, black holes, galaxy formation and classification, and cosmology.

Meteorology

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

Students will explore: the model for atmospheric structure, energy exchanges, the moisture cycle, principles of air motion, global wind systems, atmospheric stability, mid-latitude weather systems, tropical weather systems, thunderstorms, tornadoes

and weather forecasting. Students will accurately use weather instrumentation.

Physiology

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

This is a highly recommended course for those students with interest or career aspirations in medicine, nursing, and physical therapy. This is a challenging course where students will learn about parts and systems of the human body. Detailed study of the skin, bones, and muscles are emphasized.

Zoology

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

This course exposes students to the diversity of animals in our world. Students will learn how scientists believe animals adapted and struggled to survive in a changing world. Projects include nurturing of animals in the classroom and outside research.

Social Studies Department

World History

Course Credit: 2

Course Description:

In this course sophomores will unlock the past to better understand the future of our world. From the study of ancient civilizations to the global events of the modern world, objectives of the class will focus on comprehending how events of today are rooted in the events of our world's past.

Honors World Studies: History

Course Credit: 2 (W)

Prerequisite: Grade of A in English 9 or B+ or higher in Honors English 9 and current English instructor recommendation

Course Description:

This interdisciplinary block-scheduled course must be taken concurrently with Honors World Studies: Literature. It provides students with an in-depth look at world history and literature, from prehistory to the present. The course devotes considerable

time to the critical evaluation of primary and secondary sources as well as important works of literature. Students will be expected to apply and demonstrate learning of World History/Literature themes. A minimum of four Diversity Experiences will be required outside of class time. Summer reading and assessment are required components.

American Studies

Course Credit: 4

Course Description:

American Studies is a rigorous, one year interdisciplinary course designed for juniors taught jointly by American Literature and American History teachers. This course utilizes a thematic approach to study American culture from prehistory to the future. The units include “The American People, Immigration and Ethnic Heritage; The American Identity, The Colonial and Revolutionary Era; The West, American Independence and Individualism; The Civil War, Conflict and Conscience; American Industrialization, Man and Machine; Decades of Change, America Comes of Age; WWII and the Cold War, The Age of Conformity; Modern America, The Age of Diversity; and The Twenty-First Century.”

Honors American Studies

Course Credit: 4 (W)

Prerequisite: Grade of A in World Literature or B+ or higher in Honors World Studies:

Literature and current English instructor recommendation

Course Description:

Honors American Studies is a challenging one year interdisciplinary course designed for juniors taught by American History and American Literature teachers. In this block scheduled class, students will experience a thematic, in-depth study of American history, literature, and culture from the earliest Native Americans through the twenty-first century Americans of today. Students who register for this course should expect extensive reading and writing, with emphasis on higher level analytical skills. Students will read a number of major works of classic American literature in addition to reading that will be required in the American Studies history and literature textbooks. Each unit will also require students to devote time outside of class to individual and/or group projects.

American Government

Course Credit: 1

Course Description:

During this first semester course, seniors will learn the basic principles of the American political system. Emphasis will be placed on gaining a comprehensive understanding of the functions each branch of government has in society. The course is designed to be student centered, encompassing many active learning objectives within the curriculum. A mock trial will also be conducted. The course will incorporate technology in a variety of ways. A research paper is required.

Advanced Placement United States Government and Politics

Course Credit: 1

Prerequisite: Grade of A in American Studies or B+ or higher in Honors American Studies and current History instructor recommendation

Course Description:

This is a college level course designed to give a comprehensive understanding of government and politics in the United States. The course will include the study of general concepts used to interpret U.S. government and the analysis of specific examples. It will require the familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government, and politics. Students will be given the opportunity to take the Advance Placement exam in May to earn collegiate credit.

Senior Studies: Social Issues

Course Credit: 2

Course Description:

During this second semester course, all seniors will explore the relationship between government, economics, and Catholic Church teachings. This interdisciplinary course will explore various political, economic, and social issues encompassing our world today, from both a civic and religious perspective. Basic themes include political equity, poverty, violence, and consumerism. Seniors will analyze principles of the American government and economic system and examine the Catholic Church’s teachings so they may become informed and active citizens with a Catholic moral conscience.

Psychology

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

This course introduces students to the following areas of psychology: memory, personality, behavior, thought, history of psychology, and careers in the field. Students will study the major schools of thought which include Freudian, behaviorist, and humanistic. Students should be prepared to use the scientific methods of hypothesis, procedure, data, conclusion, and evaluation which they learned in biology and/or chemistry

Advanced Placement Psychology

Course Credit: 2

Prerequisite: Junior or Senior standing and instructor permission (Students who have taken Psychology are not eligible for this class)

Course Description:

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. In this yearlong course the students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. They will also learn about the methods psychologists use in their science and practice.

Sociology

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

Sociology is the study of society and of the interactions within society's many groups. Students in this class will learn about social development of individuals in a society and consider the effects culture, language, and status have on development. They will analyze social institutions, examine contemporary social problems, and develop an understanding of the characteristics of social interaction in our complex modern society.

Advanced Placement United States History

Course Credit: 2 (W)

Prerequisite: Senior standing, grade of A in American Studies or B+ or higher in Honors American Studies and instructor recommendation

Course Description:

This course is designed to prepare students to earn college credit by rigorously preparing them for the Advanced Placement exam. The text, content, and pacing of this class resemble those of a first year college class in United States History. Students are strongly encouraged to take the Advanced Placement exam in United States History at the conclusion of the course.

Current Issues and Trends

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

This course addresses current events on the local, state, national, and international levels while focusing on analysis, discussion, and research. The class studies issues in politics, society, and the economy. Students will perform research, analyze sources, identify biases, write papers, and participate in graded discussions. A lab fee will be charged for materials.

Geography

Course Credit: 1

Course Description:

During this semester course, students will learn the basic skills, tools, and orientations of geographers. Students will analyze the relationship between the physical environment and the ways we live, think, behave, and work. These objectives will be met by studying the seven continents using a thematic approach.

Mock Trial

Course Credit: 1

Prerequisite: Sophomore, Junior or Senior standing

Course Description:

Students will learn about the basics of court procedure and how trials are conducted. Students will take field trips to Creighton University Law School and the Douglas County Courthouse where lawyers will introduce students to the legal system

and its complexity. Opportunities for careers and personal knowledge will also be discussed. Students are encouraged to join the competitive mock trial team.

Holocaust Awareness and Remembrance

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

The Roman Catholic Church unequivocally repudiated anti-Semitism in Nostra Aetate. This class will help shape the truth about the way we see the Holocaust. The class is a tool to view moral behavior and to educate students about contemporary genocide issues. The objective in the class is to help individuals understand their connection to the Holocaust and how each of us can work proactively to ensure that history does not repeat itself. Our goal will be to inform students of the 21st century, so they can help make the world a better place, free of bigotry, bias, prejudice, and bullying. The course curriculum will consist of the Holocaust Awareness & Remembrance and the Echoes and Reflections Program, developed by the Institute for Holocaust Education (IHE), which was established in Omaha. Holocaust literature and fieldtrips will be included in the class.

Theology Department

Faith and Religion

Course Credit: 1

Course Description:

The first part of this freshman course examines basic religious ideas with an emphasis on theological concepts and a basic vocabulary common to most Christian denominations.

Catholic Belief and Practice

Course Credit: 1

Course Description:

This freshman class is a study of Catholic belief, sacraments, liturgy, morality, and prayer. A unit on sexuality is presented with emphasis on the Catholic principles of chastity and sexual abstinence.

Honors Faith and Religion

Course Credit: 1 (W)

Prerequisite: 90th percentile or higher composite score on the 8th grade Placement Test

Course Description:

This freshman theology class is the accelerated version of Faith and Religion. The course will cover additional material including several research projects and the study of a selected Vatican II document.

Honors Catholic Belief and Practice

Course Credit: 1 (W)

Prerequisite: 90th percentile or higher composite score on the 8th grade Placement Test

Course Description:

This freshman class is the accelerated and enriched version of Catholic Belief and Practice. It will allow for more in-depth discussion on selected class topics. Additional reading and writing projects will be assigned.

Sacred Scripture I

Course Credit: 1

Course Description:

This sophomore class introduces the student to basic Biblical concepts and begins the study of Hebrew Scriptures (Old Testament). The approach taken is that of Catholic Biblical scholarship, the historical critical method.

Sacred Scripture II

Course Credit: 1

Course Description:

This sophomore class completes the study of Hebrew Scriptures (Old Testament) and continues with the study of the Christian Scriptures (New Testament) with emphasis on the Gospels.

Honors Sacred Scripture I

Course Credit: 1 (W)

Prerequisite: Grade of A in 9th grade Theology classes or B+ or higher in 9th grade Honors Theology classes and instructor recommendation

Course Description:

This sophomore class is the accelerated and enriched version of Sacred Scripture I. Additional readings will be covered and more sophisticated interpretations will be discussed. Some research and interpretive writing will be assigned.

Honors Sacred Scripture II

Course Credit: 1 (W)

Prerequisite: Grade of A in 9th grade Theology classes or B+ or higher in 9th grade Honors Theology classes and instructor recommendation

Course Description:

This sophomore class is the accelerated and enriched version of Sacred Scripture II. Additional readings will be covered and more sophisticated interpretations will be discussed. Some research and interpretive writing will be assigned.

Church History

Course Credit: 1

Course Description:

First semester juniors will examine the growth and development of Catholic Christianity over the centuries, focusing on important persons and events in the formation of today's Church.

Catholic Morality

Course Credit: 1

Course Description:

Second semester Juniors will focus on conscience development and character formation. Students are given opportunities to think critically about society and culture. An emphasis is placed on applying Catholic moral principles to current moral issues.

Honors Church History

Course Credit: 1 (W)

Prerequisite: Grade of A in 10th grade Theology classes or B+ or higher in 10th grade Honors Theology classes and instructor recommendation

Course Description:

This junior class is the accelerated and enriched version of Church History. It will allow for more in-depth class discussion on selected topics. There will be additional reading and writing projects assigned.

Honors Catholic Morality

Course Credit: 1 (W)

Prerequisite: Grade of A in 10th grade Theology classes or B+ or higher in 10th grade Honors Theology classes and instructor recommendation

Course Description:

This junior class is the accelerated and enriched version of Catholic Morality. It will allow for more in-depth class discussions on selected topics. There

will be additional reading and writing projects assigned.

Christian Vocations

Course Credit: 1

Senior Requirement

Course Description:

As seniors look toward college, the question, "How do I keep my faith in college?" becomes significant. This course surveys issues and topics that are important to living like Christ. Topics include being an "active" Catholic, understanding Christian love, single vocation, religious vocation, Christian approach to work and wealth, friendship, dating, covenant of marriage, fertility appreciation, and religious practice skills. A unit on sexuality, emphasizing real love in the context of chastity is taught. Students will be asked to write several papers, conduct interviews, and complete a project.

Senior Studies: Social Justice

Course Credit: 2

Senior Requirement

Course Description:

During this second semester course, seniors will explore the relationship between government, economics, and Catholic Church teaching. This interdisciplinary, block scheduled course will explore various political, economic, and social issues encompassing our world today from both a civic and religious perspective. Basic themes include political and gender equity, poverty, violence, and consumerism. Seniors, in a final assessment project, will analyze principles of the American governmental and economic system and examine the Catholic Church's teaching to become informed and active citizens with a Catholic moral conscience.

Honors Theology and Literature Seminar I

Course Credit: 1 (W)

Prerequisite: Junior or Senior standing and permission of instructor

Course Description:

This elective Theology seminar course is for students who are highly self-motivated readers and writers. Students will be responsible for planning and presenting various aspects of literature for discussion by the class. Assessment is accomplished through critical papers and evaluation of class leadership skills. Students who elect to take

this class for college credit through NE Wesleyan University are responsible for paying tuition and fees to NWU.

Honors Theology and Literature Seminar II

Course Credit: 1 (W)

Prerequisite: Junior or Senior standing and permission of instructor

Course Description:

This elective Theology seminar course is for students who are highly self-motivated readers and writers. The seminar approach is used. This class is similar to Honors Theology and Literature Seminar I, but with a different focus and different works of literature. Students who elect to take this class for college credit through NE Wesleyan University are responsible for paying tuition and fees to NWU.

Death and Dying

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

The physical, psychological, sociological, and theological aspects of death are covered. The goal of this class is to reach a positive outlook on death as an opportunity for new life with God. Class discussion, group work, and oral and written assessments will be used.

World Religions

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

In this one semester class, students will explore a variety of religious traditions practiced around the globe and within their own city. Students will gain not only a deeper appreciation of religious diversity, but also a clearer understanding of their own faith background and relationship with God. Students who elect to take this class for college credit through NE Wesleyan University are responsible for paying tuition and fees to NWU.

Christology

Course Credit: 1

Prerequisite: Junior or Senior standing

Course Description:

Christology examines the life of Jesus, His message, and His meaning for our world today.

The Gospels, Pauline letters, and contemporary theologians will be employed to address Jesus' timeless question: "Who do you say that I am?"

Theology and Film

Course Credit: 1

Prerequisite: Junior or Senior standing, B+ or higher in English and Theology the previous semester

Course Description:

This elective Theology class is designed for students who have an interest in film as a way to explore what it means to be human and Christian. Students will view a variety of contemporary films and be assessed on their oral and written reflections on the way each addresses modern moral issues and our search for God. Research and student led discussions and presentations will be included in this class. All films selected have received positive reviews from the US Conference of Catholic Bishops, with ratings ranging from A1 to A111.