BISHOP NEUMANN

Junior/Senior Catholic High School

CURRICULUM GUIDE AND
GENERAL INFORMATION
2022 - 2023

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GENERAL INFORMATION ABOUT BISHOP NEUMANN JR./SR. HIGH SCHOOL

Bishop Neumann Jr./Sr. Central High School is a Catholic diocesan co-educational high school located in Wahoo, Nebraska, serving the students of ten parishes in the surrounding areas of Saunders and Lancaster Counties. It was first opened on September 1, 1964.The school is named after St. John Neumann, a Redemptorist priest, who as Bishop of Philadelphia persuaded the American bishops at the First Baltimore Council in 1852 to establish a parochial school system.

VISION STATEMENT

The vision of Bishop Neumann Catholic High School is to foster strong Catholic Values and successful life-long learning for the 21st Century.

MISSION STATEMENT

Because God has made us, saved us and called us to eternity, Bishop Neumann Catholic High School will foster high expectations in a person's spiritual, intellectual, physical and social life.

MOTTO

"Passion of Christ strengthen me."

OUR OBJECTIVES:
1. To strive to create a Christian community within the school by recognizing and respecting the God-given dignity of each unique person.
2. To provide opportunities for prayer, self-sacrifice, reception of the Sacraments, and the Liturgy.
3. To provide students with opportunities for serving others in the church, community, and civic affairs.
4. To assist the students in developing a sense of personal responsibility for their own behavior and the use of their abilities and time.
5. To promote intellectual growth in all students by recognizing effort and diligence as a component of success in learning.
6. To provide a curriculum that challenges all students to grow academically as it cultivates their interests and corresponds to their needs and abilities.
7. To develop well-balanced individuals by providing enrichment experiences in all disciplines.
8. To provide opportunities for students to participate in extra curricular activities and community affairs, thus enabling them not only to develop, demonstrate and share their God-given talents, but also encouraging them to take responsibility, gain leadership skills and model Christian attitudes.

CURRICULUM AND ACADEMIC REQUIREMENTS

Neumann offers both a college preparatory and a general secondary educational program. Classes are offered in eleven academic departments: Business, English, Fine Arts, Foreign Language, Home Economics, Agriculture, Mathematics, Physical Education, Religion, Science and Social Studies.

To graduate from Bishop Neumann High School, a student must have earned a minimum of 250 credits.
The 250 hours of credit must include the following:

4 years of Religion	40 hours	4 years Mathematics	40 hours
4 years English	40 hours	1 semester Computer Education	05 hours
3 years Social Sciences	30 hours	2 years Foreign Language or Vocational	20 hours
3 years Science	30 hours	2 years Fine or Performing Arts	20 hours
1 year Physical Education/Health	10 hours	1 semester of Speech	05 hours
1 semester of Personal Finance/Life Skills	05 hours		

FAILURE OF REQUIRED COURSES

Failure in any of the core classes necessary for graduation from Bishop Neumann will result in the student having to take the course at his/her own expense in an established summer school program or through an approved correspondence course. The credit MUST be made up during the summer following the failure or by the end of the school year following the failure. Students are not permitted to re-take a class at Bishop Neumann that they failed.

Failure in Religion I, II, III, IV, Computer Applications I, or Physical Education/Health will result in repeating the class at Neumann. Students are to make individual arrangements with the religion teacher in order to complete the failed course.

SCHEDULING

Neumann uses a traditional schedule. The school day consists of eight class periods and lunch periods. Each student is required to carry eight courses per semester unless verified with a learning disability. A study hall may be scheduled throughout the day during each of the eight periods. Students may choose to take one study hall period to work on school work.

SCHOOL DAY

The school day begins at 8:15 a.m. and concludes at 3:30 p.m. Neumann has a closed campus, which means students may not leave the building at any time during the school day without the direct permission of the administration and parents.

STUDENT EVALUATION AND REPORTING

Report cards are issued at the end of each quarter. The grading system used is as follows:

A+ 99 - 100   A 95 - 98   A- 93 - 94 Superior Achievement
B+ 91 - 92   B 87 - 90   B- 85 - 86 Above Average
C+ 83 - 84   C 79 - 82   C- 77 - 78 Average
D+ 75 - 76   D 72 - 74   D- 70 - 71 Passing
Below 70 % F Failing
I Incomplete - Temporary
P Passing
U Unsatisfactory

WEIGHTED COURSES

The following classes are weighted: Honors American Government, Honors English, Calculus, Chemistry II, Physics, Anatomy & Physiology, Advanced Biology, Spanish IV, Music Theory, College Algebra, Applied Statistics, and Journalism IV. Three percentage points are added to quarter/semester grades.

HONOR ROLL

An honor roll will be determined for each quarter. The purpose of the honor roll is to encourage high scholarship. There are two honor roll divisions:

> 1) St. John Neumann Scholars - Students receive the high honor roll distinction when their GPA for the current term is >=93%
> 2) Honor Roll – Students receive the honor roll distinction when their GPA for the current term is >=90% but <93%.

At the junior high level, the classes, which count for honor roll, are the five core subject areas: Religion, English, Social Studies, Math and Science and the quarter classes.

NCAA Eligibility Center

ONE OPPORTUNITY.
LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at **eligibilitycenter.org**.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit **eligibilitycenter.org/courselist** for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at **ncaa.org/test-scores**.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.

HIGH SCHOOL TIMELINE

9TH GRADE

- *Start planning now! Take the right courses and earn the best grades possible.*
- Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist**.
- Sign up for a free Profile Page at **eligibilitycenter.org** for information on NCAA requirements.

10TH GRADE

- If you fall behind academically, ask your counselor for help finding approved courses you can take.
- Register for a Profile Page or Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**.
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

11TH GRADE

- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.
- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

12TH GRADE

- Complete your final NCAA-approved core courses as you prepare for graduation.
- Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your NCAA Eligibility Center account at **eligibilitycenter.org**.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your NCAA Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

4 X 4 = 16

9TH GRADE
- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

10TH GRADE
- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

11TH GRADE
- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

12TH GRADE
- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

For more information: ncaa.org/playcollegesports | eligibilitycenter.org

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: @NCAAEC @playcollegesports @ncaaec

Every student-athlete must register with the NAIA eligibility center to play sports at an NAIA college. Students must meet two of the following requirements: minimum high school GPA of 2.0 or higher; minimum ACT 18 or SAT 860; graduate in the top half of your high school class. Each student will need to visit the NAIA website, create an account, and register during their senior year. The NAIA website is **http://www.playnaia.org/**.

NCAA ACADEMIC ELIGIBILITY REQUIREMENTS

Complete 16 core courses. Ten of the 16 core courses must be completed before the seventh semester of high school. Seven of the 10 core courses must be in English, math or natural/physical science. Every student-athlete must register with the NCAA eligibility center to play sports at a Division I, II, or III college. The NCAA website is: **https://web3.ncaa.org/ecwr3/**

UNIVERSITY OF NEBRASKA-LINCOLN ADMISSION REQUIREMENTS
Core course requirements:

CATEGORY	UNITS	UNIVERSITY-WIDE REQUIREMENTS
English	4 units	All units must include intensive reading and writing experiences.
Mathematics	4 units	Algebra I, Algebra II, & Geometry are required. One additional unit that builds on knowledge & concepts learned in Algebra II.
Social Sciences	3 units	1 unit drawn from American and/or World History; 1 additional unit drawn from history, American Government and/or geography; and a third unit drawn from any social science discipline.
Natural Sciences	3 units	At least 2 units selected from Biology, Chemistry, Physics and Earth Sciences. 1 of the above units must include laboratory instruction.
Foreign Language	2 units	Both units must be in the same language. Students may be admitted without foreign language. Some colleges within UNL may have additional foreign language requirements.

You are guaranteed admission if you meet the core course requirements and at least one performance requirement.

Performance Requirements

First-Year applicants should:

- Score 20 or higher on the ACT, writing portion not required.

- Or, score a total of 1040 or higher on the SAT Critical Reading and Math sections.

- Or, rank in the top half of their high school graduating class.

- Or, have a 3.0 cumulative high school grade point average.

- All first-year applicants under the age of 23 are required to submit an official ACT or SAT score.

OTHER FACTORS CONSIDERED FOR COLLEGE ADMISSION

Admissions officers are concerned with a student's overall record. They consider the types of courses selected, scores with tests, rank in class, extra-curricular activities and the school's recommendation, which includes information about attendance. They also attach great importance to responsibility, leadership and service.

CO-CURRICULAR ACTIVITIES

In addition to the curriculum, a number of co and extra-curricular activities are offered for student involvement and participation.

ATHLETICS

The following boys' sports are offered at Neumann: football, cross country, basketball, track, wrestling, golf, & baseball. Girls' sports are: softball, volleyball, cross country, basketball, and track.

Bishop Neumann High School is a member of the Nebraska Centennial Athletic Conference.

CLUBS, SERVICE AND CO-CURRICULAR ACTIVITIES

The following are offered: Band, Drama, Cheerleading, Dance Team, Spirit Club, St. Elizabeth Ann Seton, Neumann FIRE, Men of JPII, "Scarlet Knights", One Act Play, Madrigal Choir, Jazz Band, Student Council, Speech Team, FBLA, FFA, FCCLA, Students for Life, and National Honor Society.

ACCREDITATION

Bishop Neumann High School is accredited by the Nebraska State Department of Education and the North Central Association.

COURSES AND REQUIREMENTS

FRESHMEN				
Required Courses	Credits		Elective Courses	Credits
English Literature & Composition	10		Art I	10
Pre-Algebra, Algebra I, or Geometry	10		Band	10
Physical Education & Health	10		Band - Jazz	2
Religion I - Scripture	10		Choir - Varsity	10
Earth Science or Biology	10		Design	10
World History	10		Foods I	10
			Introduction to Ag	10
			Journalism I	10
			Madrigal Choir	4
			Show Choir	4
			Spanish I	10
SOPHOMORES				
Required Courses	Credits		Elective Courses	Credits
American Literature	10		Ag Construction	10
Algebra I, Geometry, or Algebra II	10		Agribusiness and Leadership	10
Religion II - Worship & Church History	10		Ag Mechanics	10
Speech & Computer Application I	10		Animal Science	10
Earth Science, Biology, or Chemistry	10		Apparel Production & Fashion	10
			Art I or Art II	10
			Band	10
			Band - Jazz	2
			Choir - Varsity	10
			Design	10
			Foods I	10
			Introduction to Ag	10
			Journalism I or II	10
			Landscape & Floriculture/Vet Science	10
			LifeSpan Dev&Early Childhood Ed.	10
			Madrigal Choir	4
			Plant Science	10
			Show Choir	4
			Spanish I or II	10

JUNIORS					
Required Courses		Credits	Elective Courses		Credits
American History		10	Accounting I		10
English course:		10	*Advanced Biology		10
British Literature, Understanding Lit.			Ag Construction		10
or Modern Lit.			Agribusiness & Leadership		10
*Religion III		10	Ag Mechanics		10
Math course:		10	Animal Science		10
Geometry, Algebra II, or Pre-Calculus			Apparel Production & Fashion		10
Science course:		10	Art I, II, or III		10
Chemistry, Chemistry II, Physics,			Band		10
*AP Physics, Anatomy/Physiology,			Band - Jazz		2
*Advanced Biology, or Physical Science			Business Law / Personal Finance		10
			Choir - Varsity		10
			Computer Science & Digital Media		10
			Creative Writing I		10
			Design		10
			Economics / Marketing		10
			Fitness I or II		10
			Foods I or II		10
			Intro to Ag, Food & Natural Resources		10
			Journalism I, II, or III		10
			Journalism Editing		10
			Landscape & Floriculture/Vet Science		10
			Life Skills		10
			Life Span Dev.&Early Childhood Ed.		10
			Madrigal Choir		4
			*Music Theory / Appreciation		10
			Physics		10
			*Physics - Advanced Placement		10
			Plant Science		10
			*Psychology		5
			Show Choir		4
			Spanish I, II, or III		10

*Courses that can be taken for college credit.

SENIORS

Required Courses	Credits	Elective Courses	Credits
English course: Understanding Lit.,	10	Accounting I	10
Modern Literature, World Literature, or		Accounting II / Business Communications	10
*English Literature/Comp. - Honors		*Advanced Biology	10
Religion IV	10	Ag Construction	10
Social Studies course:	10	Agribusiness & Leadership	10
American Government or		Ag Mechanics	10
American Government - Honors		Anatomy / Physiology	10
Math course:	10	Animal Science	10
Algebra II, College Prep Math, Pre-Calculus		Apparel Production & Fashion	10
Calculus, or College Algebra/Statistics		Art I, II, III, or IV	10
		Band	10
		Band - Jazz	2
		Business Law / Personal Finance	10
		Chemistry	10
		Chemistry II	10
		Choir - Varsity	10
		Computer Science & Digital Media	10
		Creative Writing I	10
		Creative Writing II	10
		Design	10
		Economics / Marketing	10
		Fitness I or II	10
		Foods I or II	10
		Intro to Ag, Food, & Natural Resources	10
		Journalism I, II, III, or IV	10
		Journalism Editing	10
		Landscape & Floriculture/Vet Science	10
		Life Skills	10
		Life Span Dev&EarlyChildhood Ed	10
		Madrigal Choir	4
		*Music Theory / Appreciation	10
		Physical Science	10
		Physics	10
		*Physics - Advanced Placement	10
		Plant Science	10
		*Psychology	5
		Show Choir	
		Spanish I, II, III, or IV	10

*Courses that can be taken for college credit.

COLLEGE CREDIT OPPORTUNITIES

Dual Credit offerings at Bishop Neumann
Advanced Biology: NWU – Biology 1010 Perspectives in Biological Sciences 4 credit hours (Academic Transfer)
This class is a dual credit class and is open to juniors and seniors who have completed Introductory Biology and Chemistry. This dual credit course work is designed to be used for both high school credit, and college credit for a general education class for non-science majors. This course will examine the principles of biology within the context of the human experience and covers content in cell biology, physiology, genetics, evolution, ecology, and the interaction of humankind and the environment. Biology students completing this course will have knowledge of the: characteristics of life and

species diversity; structure and function of biomolecules; cellular structures and functions; genetic basis of life principles of evolution structure, function, and development of organisms; interactions between organisms and their environment; ethical dimensions of biological discoveries; scientific terminology. Instructor: Gerdes

Requirements:
- Juniors and seniors
- Completion of Biology and Chemistry with a grade of C+ or above, or departmental approval.
- Advanced Biology enrollment

Honors Literature: NWU – English 1020 Composition, Language & Literature 3 credit hours (Academic Transfer)
An upper level English Course designed to give students experience in analytical discussion and writing about literature at a college level. Also included will be a unit covering the analysis of poetry and a composition unit. A semester long literary research project is required. In partnership with Nebraska Wesleyan University, Bishop Neumann offers a dual enrollment course to seniors in Honors Literature. To be eligible for the NWU Dual Enrollment Program, a student must have a 3.0 cumulative GPA or higher. The student's guardian and Literature teacher must approve the registration. Tuition is paid directly to Wesleyan (currently $90 per credit hour). The full year course at Bishop Neumann is offered for 3 credit hours through NWU. Instructor: Rezac

Requirements:
- Seniors
- 3.0 cumulative GPA
- Honors Literature enrollment

Religion III: NWU – Religion 2250 Religion, Peace and Social Justice 3 credit hours (Academic Transfer)
This class seeks to provide a background from which students can come to know the principles of Christian morality on which a Christian life and community are formed. It answers such questions as: What is morality? How does one decide what is right and wrong? What is conscience and how is it formed? What is the role and purpose of the law? What is the role of the Church? And how can one change behavior? The Ten Commandments are studied in depth as well as the laws of the Church. Specific moral issues are considered with special attention given those of most interest to the students involved. The final quarter will focus on the social justice teaching of the Church. Instructor: Kennett

Requirements:
- Juniors

Music Theory: NWU – Music 1610 Fundamentals of Music Theory 3 credit hours (Academic Transfer)
This class will take place over the course of a year, discussing everything from beginning theory to major composers over the past 400 - 800 years. The theory part of the course will entail work on basic theory procedures, such as note movement on the staff, chord progressions, reading rhythms, etc. Music appreciation will cover major composers and their works, including Bach, Mozart, Beethoven, Brahms, and others. Tests and quizzes will be given over material learned in class, along with a project over a composer of the students' choice. Instructor: Costa

Requirements:
- Juniors and seniors
- 3.0 cumulative GPA

Intro to Psychology: SCC – PSYC 1810 Introduction to Psychology 3 credit hours (Academic Transfer)
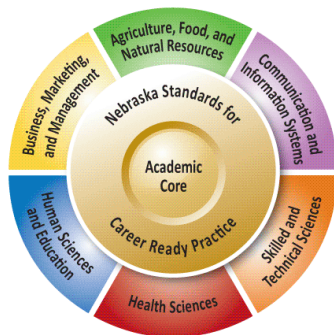An introduction to the science of psychology including the application of critical thinking to the study of learning theory, memory, personality, growth and development, biological and neurological aspects, abnormal behavior, therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives. Instructor: Chvatal

Requirements:
- Juniors and seniors
- 3.0 cumulative GPA

Southeast Nebraska Career Academy Partnership – SENCAP (Academic Transfer) –
In partnership with Southeast Community College, Bishop Neumann offers a variety of dual credit courses involving various career pathways to juniors and seniors. Students will explore a career field and get a first-hand look at what goes on in the "real world" by taking field trips, participating in job shadowing, listening to speakers, conducting research on careers of their interest, and experiencing other career exploration activities, many of which will be in their own communities. To be eligible for the SENCAP Career Academies, a student must have a 90% cumulative GPA, or meet the

ACT benchmark scores, or have taken the COMPASS or ASSET test with the minimum score required by Southeast. Students will complete a request form and obtain recommendations from two teachers for their participation in the Career Academies. Tuition is paid directly to Southeast (currently about $35 per credit hour – ½ price). Textbooks for any college classes are the responsibility of the student. Courses can be taken in the Fall and Spring semester.

Requirements:
- Juniors and seniors
- 90% cumulative GPA

Southeast Community College – Distance Learning (Academic Transfer) –
In partnership with Southeast Community College, Bishop Neumann students may earn dual credit in a variety of courses. To be eligible for these courses, a student is expected to meet the ACT benchmark scores, OR have taken the AccuPlacer test with the minimum score required by SCC. Tuition is paid directly to Southeast (currently about $57 per credit hour). Textbooks for any college classes are the responsibility of the student. Students will register for these courses through Bishop Neumann.

Requirements:
- Seniors
- B average in Algebra II or ACT Math score of 23-24 or AccuPlacer 31-60 College Level

Fall semester:
    College Algebra (MWF 8:00am – 8:50am)
Spring semester:
    Applied Statistics (MWF 8:00am – 8:50am)

Concurrent Enrollment Classes at Bishop Neumann

NEBRASKA Now – In partnership with the University of Nebraska, Lincoln, juniors and seniors are able to enroll in a variety of online college courses, preparing them for the transition from high school to college. To be eligible, juniors must have a 93% cumulative GPA, and seniors must have a 90% cumulative GPA. If a student fails to meet this requirement, they may be considered if they have an ACT composite score of 22 or higher. The student's guardian and School Counselor must approve the registration. Student expenses include a $45 application fee, tuition (about $250 for a 3 credit hour course), and book/materials. Courses are taken in the Fall and Spring semesters.

Requirements:
- Juniors with a 93% cumulative GPA
- Seniors with a 90% cumulative GPA
- Juniors/seniors with an ACT composite score of 22 or higher

CAREER EDUCATION PHILOSOPHY

Career education courses play an important role in Career Readiness by offering real-life work experiences, leadership opportunities and confidence building.

A Career Ready Individual will:
1. Apply appropriate academic and technical skills
2. Communicate effectively and appropriately
3. Contribute to employer and community success
4. Make sense of problems and perseveres in solving them.
5. Uses critical thinking

6. Demonstrations innovation and creativity
7. Models ethical leadership and effective management
8. Works productively in teams and demonstrates cultural competency
9. Utilizes technology
10. Manages personal career development

AGRICULTURAL EDUCATION OBJECTIVES

The Agriculture, Food, and Natural Resources Career Field area provides opportunities for students to deepen their understanding of topics such as animal science, plant and soil science, agribusiness, food products and processing, power, structural, and technical systems, leadership and personal development, biotechnology, and environmental and natural resources.

COURSE OFFERINGS AND DESCRIPTIONS

Ag Construction   (full year – 10 credits)   Grades 10 – 12
(ST – 016002)

This course provides an in-depth study of fabrication with metal or wood products. It also provides the opportunity to develop, design, and construct metal or fabrication projects. Individual or class projects will constructed. Classroom and laboratory activities supplemented through FFA-supervised agricultural experiences, leadership programs, and activities.

Ag Mechanics   (full year – 10 credits)   Grades 10 - 12
(ST – 016000)

This course is designed to provide students with introductory level experiences in selected major areas of agricultural mechanics technology, which may include electrical wiring, introductory arc welding, oxy/fuel cutting and welding processes, and small engine operation and maintenance. Learning activities include information, skill development, and problem solving. Classroom and laboratory activities supplemented through FFA supervised agricultural experiences, leadership programs, and activities.

Introduction to Ag, Food, and Natural Resources   (full year – 10 credits)   Grades 9 – 12
(ST-018060)

The introductory course for the Agriculture, Food, and Natural Resources Career Cluster provides a knowledge base in the major components of the industry. Learners will be exposed to a broad range of agriculture, food, and natural resources careers and topics including, crop production, animal management, landscape and floral principles and Ag business principles. Introduction to leadership development and the National FFA Organization (FFA). Classroom and laboratory activities supplemented through supervised agricultural experiences, work-based learning, and leadership activities.

Plant Science   (full year - 10 credits)   Grades 10 - 12
(ST-018061)
This course investigates crop (examples corn, soybeans and fruit, vegetable) management production and management topics. Students develop an understanding of nutrition and fertilization methods, resource management, pest management, technology use, marketing, and sustainable systems. Students will also examine the relationship between biotechnology and modern agriculture. Classroom and laboratory activities supplemented through FFA-supervised agricultural experiences, leadership programs, and activities.

Animal Science   (full year – 10 credits)   Grades 10 – 12
(ST 018062)

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include production methods, animal welfare, animal reproduction, animal nutrition, animal science issues, animal evaluation, and career opportunities. Classroom and laboratory activities supplemented through supervised agricultural experiences and leadership programs and activities.

Agribusiness & Leadership (full year – 10 credits) Grades 10 – 12
(ST 011009 and 017000)

This course covers skills necessary for entry into employment or furthering education in an agricultural business. The course includes the study of business planning, creating financial documents, analyzing financial information, developing business plans, micro- and macroeconomic principles, pricing and commodity marketing. Students will also identify personal career based talents and apply their findings to their future vocation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Landscape and Floriculture (semester – 5 credits) Grades 10 - 12
(ST 012001)
This course examines the knowledge and skills needed to identify, produce, and manage horticultural plants, understand and apply landscape design concepts, and manage turfgrass and landscape plants. Additionally, floriculture topics include processing techniques and tools, trends, and flower and foliage identification important in the design of quality floral arrangements. Classroom and laboratory activities supplemented through supervised agricultural experiences and leadership programs and activities.

Veterinary Science (Semester – 5 credits) Grades 10-12
(ST-011015)

This course introduces students to the basics of veterinary care. Topics covered include small and large animal breed identification, general animal care and welfare, animal health, laws and ethics relating to animal care, and workplace safety involving large, small, and exotic animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

BUSINESS OBJECTIVES

The Business Education Department equips students with the knowledge and skills necessary to become successful in college, as well as accomplished in the workplace. It also offers the opportunity to learn about the business world from numerous perspectives. Students are introduced to prospective career opportunities as well as information and skills useful in their personal lives. Practical learning experiences, basic financial literacy, and critical thinking skills are developed in the business education courses, enabling students to become successful consumers, producers and entrepreneurs.

COURSE OFFERINGS AND DESCRIPTIONS
Accounting (full year - 10 credits) Grades 11 - 12
(ST-030300)
This course is designed to familiarize students with the basic bookkeeping principles used in business offices today.

It is a basic study of the system of financial records used by a service business, merchandising business, and partnership business organization. Students will have an understanding of the language of a business, as well as be able to analyze financial statements of a business.

Prerequisite: General understanding of basic math functions.

Accounting II   (full year – 10 credits)   Grades 12
(ST – 030301)
Accounting II is a continuation of the Accounting I course. The emphasis for this course will be the accounting concepts needed to operate a merchandising business organized as a corporation. Areas of study will include; purchases, sales, receipts, and payments using special journals, uncollectible accounts, plant assets and depreciation, inventories, notes and interest, accrued revenue and expenses, distributing dividends, and end of fiscal period entries.

Prerequisite: Successful completion of Accounting I with a grade of 85 or higher.

Business Law   (semester - 5 credits)   Grades 11 - 12
(ST-030900)
A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation, and constitutional issues including civil and criminal law. This course will be offered first semester opposite of Personal Finance.

Computer Application I   (semester - 5 credits)   *(Will be connected to a semester of Speech)*   Grades 10
(ST-270501)
Students will learn fundamental skills needed to use computers. Students will have experience on Windows compatible computers. Software used will be Microsoft Office. The following programs will be used; Word, Excel (as a spreadsheet and a data base), PowerPoint, and Publisher. Students will also learn how to link information between these programs.

Required in 10th grade

Computer Science & Digital Media   (full year – 10 Credits)   Grades 11 - 12
(ST-270703, ST-270602)
This course introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, students will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. Students will also create, design, and produce digital media including sound, video, graphics, text, and animation. This course will also include a unit on robotics.

Economics: (semester – 5 credits)   Grades11-12
(ST –031800)
Economics is designed to give the student an understanding of basic economic principles, how to apply these principles, and how these principles relate to the American free-enterprise system. Included in this study are markets, supply and demand, price mechanisms, role of competition, fiscal and monetary policy, taxation, nature and types of economic systems, and economic trade. These will be related to our present economic condition so students can see causes and effects. This course is offered in the opposite semester of Introduction to Marketing. Students enrolled on Business Economics are encouraged to also enroll in Marketing in the opposite semester.

Marketing: (semester – 5 credits)   Grades 11 – 12
(ST – 038100)
Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum. This course will be offered second semester opposite of Introduction to Economics.

Personal Finance: (semester – 5 credits)   Grades 11 – 12

(ST – 033000)

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum. This course will be offered second semester opposite of Business Law.

FAMILY AND CONSUMER SCIENCES DEPARTMENT OBJECTIVES

The Family & Consumer Sciences program integrates family and career readiness with technical skill instruction within a critical science perspective. As a result, my students are empowered to navigate the challenges of living and working in diverse communities, while striving for a high quality of life.

COURSE OFFERINGS AND DESCRIPTIONS

Apparel Production and Fashion   (full year – 10 credits)   Grades 9 – 12
(ST-090103 and ST 090206)

This course provides instruction in social, psychological and historical aspects of clothing and textiles. Textile and apparel design, selection, construction, maintenance and alteration of textile products will be analyzed and taught. This course integrates knowledge, skills, and practices required for careers in textiles and scientific research.

Fashion Design explores the evolving field of the clothing we wear and why we wear it. Students will examine fashion design through historical and current frameworks, consider the process of a design from concept to consumer purchase, and identify key components of fashion pieces that distinguish it from others.

No prerequisite. Fee required $50.00

Design   (full year – 10 credits)   Grades 9-12
(ST-090126)

Students explore the definition & application of elements and principles of design in both living spaces and clothing and textiles. In this course, students will also evaluate the use of elements and principles and suggest improvements. Students are also exposed to career opportunities and the skills necessary for these career fields. This course provides instruction in the physical, physiological and social influences of housing styles & options; exterior and interior design; selection, use and care of home furnishings and equipment; use of available resources for achieving improved living space to meet individual and family needs; and exposure to careers related to housing and interior design.

No prerequisite. Fee required $50.00

Foods I   (full year - 10 credits)   Grades 9 - 12
(ST-090107)

This course will provide students with knowledge and skills about food preparation, with a strong emphasis on nutrition and nutritional analysis, and balanced diets. Units will include safety and sanitation, proper use of equipment, meal planning, current food issues, manners and etiquette, understanding recipes and altering them for individual needs, understanding leavening agents, knife skills, food cultures, the six nutrients, nutrition label, understanding food ingredients, fruits and vegetables, grains, protein, water, vitamins and minerals, carbohydrates, My Plate, sugar, meat preparation, measurement units in recipes, fats, microwave cooking and cultures. We will focus on the role of food in the family and global society. Team work skills are a very important part of this class.

No prerequisite. Fee required $50.00

Foods II   (full year - 10 credits)   Grades 10 - 12

(ST – 090113)
This course will provide students with more comprehensive knowledge and skills in food preparation. This class will build upon was already learned in Foods 1. Topics include costing, food borne illnesses, meal management, restaurants, employee etiquette, applying for jobs, diversity in the workplace, communication, consumerism, grocery shopping, stocks, soup and sauces, herbs and spices, creating a restaurant, eggs, and party planning. Instruction which provides students with and understanding of the food science industry, food packaging, sensory evaluation of foods, food processing and food science applications. Students will be exposed to careers related to food and food science. This class focuses on restaurant management while integrating the family lifestyle to food.

Prerequisite: Successful completion of Foods I with a grade of 85% or higher.
Fee required $50.00

Life Skills   (full year – 10 credits or semester – 5 credits)   Grades 11 – 12
(ST-090101
This course is intended to enable students to have a broad scope of experiences that will provide an overview and fundamental knowledge and essential skills of Human Sciences with a foundation but not limited to family and consumer sciences. Students will explore career possibilities and develop a personal learning plan. Students will practice basic life and career readiness skills and learn to apply them to personal life situations.

No prerequisite. Fee required $50.00

Life Span Development and Early Childhood Education   (full year – 10 credits)   Grades 10 – 12
(ST-090110 and 090200)
This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored.

Students will explore education & community resources available for the education and necessary services of young children. Students will be exposed to educational needs and resources as well as begin the development of lesson plans and lesson plan components for the education of young children as well as the career skills necessary for a career in early childhood education and services.

No prerequisite.

ENGLISH DEPARTMENT

PHILOSOPHY

The English Department of Bishop Neumann High School believes that it must strive to enhance students' ability to communicate through reading, writing, listening and speaking, and that it must also help students develop a Christian attitude toward the uniqueness of person through communication and characters met in literature.

The department believes that it has to offer opportunities for students to think creatively and critically. At the same time, the department must allow for the different learning abilities and styles of the students. The department will strive for a continuous re-evaluation of itself in relationship to the school's philosophy and the needs of the students.

OBJECTIVES

The general objectives of the English Department are to enable the student to:
1. Identify and list individual characteristics and techniques of types of literature, periods of literature, and major authors.
2. Read, write, speak and listen clearly and comfortably, according to the individual's ability.
3. Articulate responses to various types of literature.
4. Research, organize and present information and ideas orally and in writing.
5. Recognize, discern and discuss what other people think about life -- its problems, issues and ideas -- through exposure to literature and media.
6. Identify with life experiences encountered in literature and media which will further the student's understanding of human nature.
7. Recognize the importance that the English language has played and will play in the student's life.
8. Develop and demonstrate poise and confidence in formal speaking situations in large groups, small groups and one-to-one situations.
9. Identify, differentiate and analyze different styles within literary genres.
10. Develop creativity through communication.

COURSE OFFERINGS AND DESCRIPTIONS

Introduction to Literature & Composition   (full year - 10 credits)   Grade 9
(ST-050021)
This course is designed as an introductory course for the study of literature. Fiction, drama and poetry are covered in detail with special emphasis on understanding the terms appropriate to each genre. Vocabulary through the techniques of composition is also an essential part of this year's study. There will be a 4-6 week unit of review on grammar and punctuation.

American Literature & Composition   (full year - 10 credits)   Grade 10
(ST-050301)
This course is a survey of American Literature from the time of the Puritans to the present day. Students are expected to apply the tools learned in freshman year and to delve deeper into the study of the characters met in the stories. The study of critical composition, creative writing, and drama is also included.

Understanding Literature   (full year - 10 credits)   Grade 11 - 12
(ST-050023)
Students in Understanding Literature will read adolescent and modern novels, short stories and poetry. Students will also continue to add to previously mastered writing skills through journals, narratives, poetry, and essays. Course is offered every other year with Modern Literature.

Prerequisite: Recommendation of English department.

British Literature   (full year - 10 credits)   Grade 11
(ST-050304)
The literature of England from early Celtic materials to modern British writers is the basic course of study for the junior year. Emphasis will also be placed on developing composition, critical writing and vocabulary skills.

Prerequisite: Recommendation of English department.

Modern Literature   (full year - 10 credits)   Grade 11 - 12
(ST-050024)
Students in Modern Literature will read adolescent and modern novels, memoir, and poetry, will write response journals and will also continue to improve writing skills through composition and analytical writing exercises. A critical analysis and a research paper are also required.

Prerequisite: Recommendation of English department.

World Literature   (full year - 10 credits)   Grade 12
(ST-050024)
Students will study major works of world literature and will continue work in composition and vocabulary skills. Critical analyses and a research paper are also required.

Prerequisite: Recommendation of English department.

Honors Literature & Composition   (full year - 10 credits)   Grade 12
(ST-050024)   Dual credit available
An upper level English course designed to give students experience in analytical discussion and writing about literature at a college level. Also included will be a unit covering the analysis of poetry and a composition unit. A semester long literary research project is required.   Students who are eligible for Honors English and who chose to enroll may receive 3 hours of college credit through Nebraska Wesleyan University.   Weighted.

Prerequisite: Recommendation of English department.

 Speech I   (semester - 5 credits)   *(Will be connected to a semester of Computer Application)*   Grades 10
(ST-050501)
Speech introduces students to the speaking and listening process. Together they explore the nature and importance of individual perception as well as the many levels of verbal and non-verbal communication. They also take a close look at their communication with themselves and with others, both on a one-to-one basis and in-group situations. (The culmination of the class will be a unit on speech giving in which each student presents one or more informative speech or demonstration speech or persuasive speech to the class.)

Prerequisite: None. Required in 10th grade.

FINE ARTS DEPARTMENT

PHILOSOPHY

It is the function of the arts (art, music and writing) to sensitize the person intellectually, morally and creatively to his or her environment. Instruction in the arts aims to develop a realization of the importance of the individual as a valued person, through person-to-person interaction in teaching and through recognition of the efforts and accomplishments of each student, while relating to and experiencing different art forms.

OBJECTIVES

        The fine arts program will:
1.   provide a range of courses broad enough to accommodate those students who wish to participate in the program and to permit each of them to work to his or her maximum potential.

2. provide in-depth courses for students wishing to advance in specific areas of the arts.
3. provide learning experiences which encourage the study of classical masterpieces and new trends in the arts.
4. encourage students to strive for originality and excellence in the quality of their self-expressions.
5. help the students form well-based judgments and gain appreciation for their own and other creative expressions.
6. help the students learn experimentation and discipline in working with various tools and techniques in developing self-expressive skills.
7. motivate and reinforce excellence in performance and the sharing of students' accomplishments by offering opportunities for displays of student talent (e.g. contest, art exhibits, concerts, literary magazine, and yearbook.)

ART DEPARTMENT

ART I   (full year - 10 credits)   Grades 9 - 10 - 11- 12
(ST-020100)
Art I is a yearlong class, which builds the foundation for all the other art classes offered. It is a **prerequisite** for any subsequent art classes. The first quarter is spent learning about the basic elements and principles of design. The second quarter is devoted to drawing and shading in pencil and ink. Third quarter is focused on learning hand build techniques of pottery and the final three weeks will be spent glazing and studying art history in preparation for acrylic painting. Each student will present a power point presentation on an assigned artist as part of the art history unit. The fourth quarter is spent on an acrylic painting and watercolors.

Each unit of study throughout the year includes the study of two to three artists who have made an impact in the art world. They will also learn techniques, terminology and skills. There will be a unit test at the completion of each unit studied. They will complete a major art project with each unit.

ART II   (full year – 10 credits)   Grades 10 - 11 – 12
(ST-020100)
You must have completed Art One in order to take this class. You may not take Art III until you have completed Art II.
Art II is a yearlong class, which will expand what was learned in Art I and introduce new areas of art, which were not introduced previously. The first quarter of Art II will be the study of calligraphy (beautiful writing) and creative uses of letters. The second quarter will be drawing. We will use mediums not used in Art I and will expand upon techniques. Third quarter will be creating three-dimensional sculptures. The fourth quarter will be painting. The students will paint with acrylics and with watercolors. The students will do a power point presentation about the artists they chose for their influence in acrylic painting.

Throughout each unit studied during the year, we will concentrate on artists and cultures that have been an influence on that area, techniques and terminology. There will be a test at the end of each unit studied. A research assignment will be given each semester over an artist.

Prerequisite: Art I

ART III   (full year – 10 credits)   Grades 11 – 12
(ST-020300)
This class will feature areas different from Art I and Art II. The first quarter to will be devoted to Printmaking. The methods of linoleum printing and silk screen will be studied. The second quarter will be studying Advertising and the affect on society. Third quarter will be a continuation of Sculpture and attempting new mediums and the pottery wheel. The fourth quarter will be spent painting.

The students will study famous artists and cultures that directly influenced the area being studied in addition to techniques and terminology. The students will do a research project that will be presented through power point both semesters. They will learn how to stretch a canvas during fourth quarter for their acrylic paintings. They will attend a field trip at the end of third quarter.

Prerequisite: You must complete Art I and Art II.

ART IV   (full year – 10 credits)   Grades 12
(ST-020400)
Art IV is designed for students who have taken Art I, Art II and Art III. These students will work as a class with a given assignment, but they will work more independently on how they choose to complete the assignment. They will work on a larger size of projects throughout the year. Work will be from these areas: drawing, printmaking, fiber design, sculpture and painting.

The students will study famous artists and cultures that directly influenced the area being studied in addition to techniques and terminology. They will do a power point presentation on an artist of their own research for their acrylic painting.

The students will study famous artists and cultures that directly influenced the area being studied in addition to techniques and terminology. The students will do a research project that will be presented through power point both semesters. They will attend a field trip at the end of third quarter.

Prerequisite: Art I, Art II and Art III

INSTRUMENTAL AND VOCAL MUSIC DEPARTMENT

MUSIC THEORY & APPRECIATION   (full year – 10 credits)   Grades 11 - 12
(ST-129930)   Dual credit available
This class will take place over the course of a year, discussing everything from beginning theory to major composers over the past 400 - 800 years. The theory part of the course will entail work on basic theory procedures, such as note movement on the staff, chord progressions, reading rhythms, etc. Music appreciation will cover major composers and their works, including Bach, Mozart, Beethoven, Brahms, and others. Tests and quizzes will be given over material learned in class, along with a project over a composer of the students' choice.

INDEPENDENT STUDY – ADVANCED MUSIC THEORY   (semester – 5 credits)   Grade 12
This course is designed for the active music student who has a strong interest in majoring in music at the college level. Concepts that will be covered are advanced music theory concepts.

Prerequisite: Permission of the instructor.

(For students in grades 9 through 12 who participate in Instrumental or Vocal Music,
there is an annual family fee. This fee is a substitute for several fund raising events)

SENIOR BAND   (full year - 10 credits)   Grades 9 - 10 - 11 - 12
(ST-120500)
This group is the main segment of the Instrumental Music Department. The members of the senior band are in marching band, pep band and concert band and perform a wide variety of band literature. There are opportunities to play in smaller ensembles or to perform instrumental solos if students so desire.

Participation in clinics, concerts, contests and all performances are requirements for the course. During the first quarter of the school year, students are required to attend extra rehearsals that may be held before school, on the week-ends, or evenings to prepare for marching contests.

JAZZ BAND   (full year - 2 credits)   Grades 9 - 10 - 11 - 12
(ST-120500)
The jazz band is designed to expose the participants to the various styles of American jazz music. It is open to anyone in varsity band subject to instrumentation. The student must attend each practice session scheduled during or outside of the school day as arranged by the instructor.

Prerequisite: membership in band and/or approval of instructor.

CONCERT CHOIR   (full year - 10 credits)   Grades 9 - 10 - 11 - 12
(ST-120400)
Choir is the main segment of the vocal music department. The literature sung dates from Pre-Renaissance to popular music. The group performs at home concerts and attends the district music contest. These performances are required.

MADRIGAL CHOIR   (full year – 4 credits)   Grade 9 – 10 -11 -12
(ST-120450)
This is a select group of male and female voices. The literature for this ensemble primarily dates from, or resembles the styles of, Medieval and Renaissance times. The group performs at all home concerts (fall, Christmas, & spring), Christmas on the Prairie, District Music Contests, and other community events. These performances are required.

Pre-requisite: Approval of instructor

"SCARLET KNIGHTS" SHOW CHOIR   (full year – 4 credits)   Grades 9 - 10 - 11 - 12
(ST-120400)
This is a select group of male and female voices. It performs at concerts, contests, and various out-of-school activities. The students in this group are required to attend all rehearsals. This includes two class periods per week and may also include morning rehearsals, and occasional evening and weekend rehearsal time.

Prerequisite: Membership in Concert Choir and/or Senior Band and approval of instructor. Exceptions may be made for scheduling conflicts that cannot be resolved.

WRITING DEPARTMENT

CREATIVE WRITING I   (full year – 10 credits)   Grades 11 – 12
(ST-050100)
The students will be re-introduced to types of creative writing that they have become familiar with in previous English courses, and will experiment with different types of writing. They will be writing, as well as reading, journals, short stories, poetry, fiction, biographies, and screen writing. Using writing skills they have previously mastered, the students will assemble a portfolio to include works-in-progress and final copies of their own writing. They will also work in groups, editing and sharing ideas for writing and future writing.

Prerequisite: Open with permission of the English teacher and the English Department.

INDEPENDENT CREATIVE WRITING II   (full year, 10 credits)   Grade 12
(ST-050100)
This writing course is meant for students who desire to work independently to refine their creative writing skills. Students will be required to keep an extensive reading and writing journal and to do weekly writing exercises. Students will work on either a full-year project with intermittent deadlines or two separate semester-long projects also with intermittent deadlines.

Prerequisite: Creative Writing and permission of instructor

JOURNALISM I   (full year - 10 credits)   Grade 9 – 12
(ST-050401)
Journalism studies the use of the written and photographic media as effective means of portraying and reporting events. Journalism classes are responsible for publication the Bishop Neumann yearbook. Students in Journalism I will learn journalistic writing, basic layout design, word processing and page making skills on the on-line design computer based web program. They will be required to spend out of class time in ad solicitation and attendance at three or more school activities per month. Journalism students must be willing to accept responsibility for writing well and accurately and for meeting deadlines. At the end of the school year, students will be expected to come back to school until the yearbook is complete.

Prerequisites: 93% average in English and approval from current English teacher.

JOURNALISM II, III, or IV   (full year - 10 credits)   Grades 10 - 12
(ST-050402)

These are upper level courses. Members of these classes have already taken Journalism I, and will serve as editors/advisors on publication staffs. Editing skills are emphasized, more sophisticated layout designs are learned, and computer skills are refined. Advanced journalism students are required to spend out of class time in ad solicitation and attendance to two to three school activities per month. They are also required to spend some evenings in editor meetings or in editing sessions before deadlines. Select students will be asked to edit final layouts. A select student will be asked to keep accounting records for the yearbook. Journalism II and III require a considerable time investment. Journalism II and III students must be willing to accept responsibility for writing well and accurately and for meeting deadlines. At the end of the school year, students will be expected to come back to school until the yearbook is complete.

Prerequisite: 90% in Journalism I and instructor approval

JOURNALISM EDITING   (full year – 10 credits)   Grades 11 – 12
(ST-050506)

This is an upper level course for Journalism II or III students. These students will take on greater responsibility of editing final pages as well as taking on entire sections of the yearbook. At the end of the school year, students will be expected to come back to school until the yearbook is complete.

Prerequisite: 90% in Journalism I and approval of instructor.

FOREIGN LANGUAGE DEPARTMENT

PHILOSOPHY

Acquisition of a foreign language is extremely beneficial to students in many ways. Those who speak a second or third language have a huge advantage over their monolingual counterparts. As our economy becomes more global, the need for bilingual employees will increase exponentially. For students to be effective global citizens, they will need the skills and vision attained through the acquisition of another language.

As students study world languages, they will develop critical thinking skills, which can be used in nearly every area of their lives. Studying another language provides personal benefits in that it helps learners to better understand their native tongue and to use it more effectively. Foreign language learners also have a greater awareness of the intricacies, similarities and differences of other cultures through the study of their art, history, geography and customs, to name a few. By providing students the opportunity to experience a culture different from their own we hope to foster positive Christian attitudes of acceptance for all people.

<u>**OBJECTIVES:**</u>

The foreign language department will endeavor to help the student:

1. Communicate in a foreign language other than English.
2. Gain knowledge and understanding of other cultures.
3. Connect with other disciplines and acquire information.
4. Develop insight into the nature of language and culture.
5. Participate in multilingual communities at home and around the world.

<u>**COURSE OFFERINGS AND DESCRIPTIONS**</u>

Due to the cumulative nature of a foreign language, if a student fails Spanish I, II, III or IV for the 1st semester, he/she will be required to drop that Spanish course for the 2nd semester and retake it the next year with the teacher approval. It is only to the detriment of a student that he/she continues to the second semester without grasping the essential concepts acquired during the first semester.

<u>**SPANISH I**</u>   (full year – 10 credits)   Grades 9-10-11-12
(ST-060241)
In Spanish I a basic foundation of the language is built through the introduction of reading, listening, speaking, writing, vocabulary, grammar and culture. Classroom activities emphasize communication and include reading and writing exercises, class discussions, cultural projects, skits, games, movies, music and current events.

Prerequisite: 85% in English with signature from current English teacher or Instructor permission

<u>**SPANISH II**</u>   (full year - 10 credits)   Grades 10 - 11 - 12
(ST-060242)
The purpose of Spanish II is to build on the language skills acquired in Spanish I through reading, listening, speaking, writing, vocabulary, grammar, and culture activities. Instruction will be similar to that of Spanish I and will continue to emphasize communication with greater fluency.

Prerequisite: 80% in Spanish I and instructor approval

<u>**SPANISH III**</u>   (full year - 10 credits)   Grades 11 - 12
(ST-060243)
The purpose of Spanish III is to build on the language skills acquired in Spanish I and II through reading, listening, speaking, writing, vocabulary, grammar, and culture activities. Instruction will be similar to that of Spanish II and will continue to focus on communication. Additional emphasis will be placed on reading and advanced grammatical concepts.

Prerequisite: 80% in Spanish 1 & 2 and/or instructor permission

<u>**SPANISH IV**</u>   (full year - 10 credits)   Grade 12
(ST-060244)
The purpose of Spanish IV is to build on the language skills acquired in Spanish I, II, and III. Instruction will be similar to that of Spanish III and will continue to focus on communication. The academic goal is to improve language comprehension and speaking fluency. Additional emphasis will be placed on reading and advanced grammatical concepts. This is a weighted course.
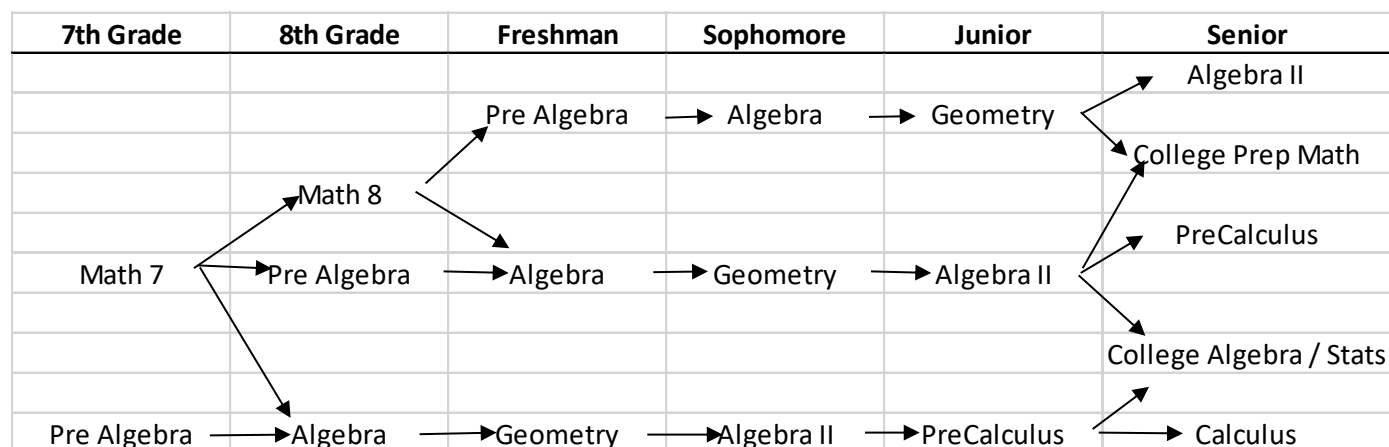
Prerequisite: 80% in Spanish 1, 2, & 3 and/or instructor permission

<u>**MATHEMATICS DEPARTMENT**</u>

<u>**PHILOSOPHY**</u>

The mathematics department at Bishop Neumann believes that it is important, first of all to discover the strengths and needs of its mathematics students. The courses offered are of various levels of difficulty so that each student can achieve success and yet be challenged to expand his/her mathematical skills and knowledge. We believe a good background in math is necessary for our students who live in a technological society.

The following flow chart shows the progression and sequences of math courses offered at Neumann High School. A student is allowed to take Geometry and Algebra II in the same school year in order to take advantage of all the math courses available to them in their four years. This must be approved by the Math Department. .However, student must take at least 1 math course per year. Doubling Algebra II and Geometry does not allow a student to opt out of a math course as a senior. Topics in Math may be taken by seniors as an elective course in addition to taking Calculus or Pre-Calculus. Elective students will be allowed to enroll only if there is room.

7th Grade	8th Grade	Freshman	Sophomore	Junior	Senior
					Algebra II
		Pre Algebra → Algebra →	Geometry	College Prep Math
	Math 8				
					PreCalculus
Math 7	Pre Algebra → Algebra →	Geometry →	Algebra II	
					College Algebra / Stats
Pre Algebra →	Algebra →	Geometry →	Algebra II →	PreCalculus →	Calculus

OBJECTIVES:

The Department will strive to teach the student how to:
1. Develop skills in basic mathematical operations.
2. Relate mathematical concepts to everyday life.
3. Develop an understanding of reasoning processes and problem solving techniques.
4. Use appropriate technology as a mathematical tool.
5. Obtain the skills necessary for general educational, vocational pursuits and higher education.

COURSE OFFERINGS AND DESCRIPTIONS
Pre Algebra   (Full Year – 10 credits)
(ST-110299)
Continuing the Saxon Series to review the basic mathematical concepts and continuing to build a foundation for Algebra I.

This course includes the four basic operations and properties on the real numbers with emphasis on integers, solutions of one and two step equations, and creation of functional tables, and graphing linear pairs.

Prerequisite: Recommendation of Department

Algebra I   (Full Year – 10 credits)
(ST-110300)

An organization of mathematics subject matter concerned primarily with introductory study of properties of number systems (real number, complex numbers). Topics studied include algebraic expressions and symbols, operations of reals (additions, multiplication, and inverse operations), polynomials/binomials, absolute values, proofs, functions, probability, and data analysis.

Prerequisite: Recommendation of the Department.

Algebra II   (Full Year – 10 credits)
(ST-110306)
An organization of mathematics subject matter concerned primarily with intermediate and advanced study of properties of number systems (real numbers, complex numbers). Topics studied include graphing in two and three dimensions, set notations, polynomials, exponential notion and operations with exponents, matrices, vectors, limits, complex number, combinations, and permutations.

Prerequisites: Algebra I, and Recommendation of Department

College Prep Math   (Full Year – 10 credits)   Grade 12
This course is part of the Nebraska Math Readiness Project (NMRP). NMRP is an academic intervention program to help prepare high school students for college-level math. It is an individualized and self-paced online class facilitated by a high school math teacher. Topics covered include developmental math skills and algebra concepts. With successful and full completion of the course, students will be able to enroll in any Nebraska community college and not be required to take a math placement exam or be enrolled in any developmental math courses.

Prerequisite: Recommendation of Department

Calculus   (Full Year – 10 credits)   Grade 12
(ST-110600)
This course is intended to prepare students to be successful in an entry level college calculus class. Calculus begins with a short review of Pre-calculus. Derivatives and their integrals will be the main focus of this course. First and second derivatives of equations, functions, distance, parametrics, trigonometry, logarithms and applications will be covered in depth. This is a weighted course.

Prerequisite: 93% in Pre-Calculus and Departmental Recommendation.

Geometry   (Full Year – 10 credits)
(ST-111200)

Geometry students are introduced to: inductive reasoning by looking at pattern, basic construction with compass and straightedge, and formal proofs during first semester. They will continue to use formal proofs throughout the school year. Other topics studied in geometry are: angles, triangles and other polygons, circles, area and volume of figures, congruency, similarity, and Pythagorean Theorem. Activities done during the course: students will compile a selfieometry and explain each; study the history and building of cathedrals; create a geometric rose window using a compass and straightedge to give to a resident at a rest home; and plan, construct, and test a kite.

Prerequisite: Algebra I

Pre-Calculus   (Full Year – 10 credits)
(ST-111300)
Topics studied in Pre Calculus will include: Upper and lower bounds, continued sums, limits, continuous functions, solving linear equations and inequalities: algebraically, numerically, graphically; using the quadratic equation and square root principle; conic sections, 12 basic functions and their graphs; operations on functions; trigonometry and vectors.

Prerequisites: Algebra II, Recommendation of Department

College Algebra   (Semester 1 – 5 credits)   Grade 12

This course is dual credit and taught via Distance Learning through Southeast Community College. This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities.

Prerequisites: B average in Algebra II or 23 in Math on ACT or appropriate math score on AccuPlacer at SCC.

Applied Statistics   (Semester 2 – 5 credits)   Grade 12
This course is dual credit taught via Distance Learning through Southeast Community College. This course is an introduction to basic probability and statistical methods that are used in a wide variety of disciplines. Topics include descriptive statistics, probability foundations, probability distributions, sampling distributions, methods of statistical inference, and bivariate relationships.

Prerequisites: B average in Algebra II or 23 in Math on ACT or appropriate math score on AccuPlacer at SCC.

PHYSICAL EDUCATION DEPARTMENT

PHILOSOPHY

It is the philosophy of Catholic life that education develops the faculties and abilities of the entire person, body, mind and soul. Physical education teaches the students to appreciate and develop their God-given abilities and potentials. They are developing a strong body as well as an active, thinking mind within that body. In class they are learning to apply Christian values in relating to others as teammates and opponents. They learn how to compete with others and not against them. Cooperation and respect for the rules helps them to be a good sport now and instills the same Christian attitude as spectators. In addition, the controlled competition in physical education is designed to assist them in developing positive self concepts. With the high ideals and physical fitness established through physical education, each student will be able to live a productive life and appreciate God's people and His earth.

OBJECTIVES
The objectives of this department are:
1.   to provide opportunities for, and to instill a desire to develop and maintain physical fitness including flexibility, coordination, balance, agility and cardio-vascular endurance
2.   to aid in the proper growth and development of the body
3.   to provide proper progression for the development of the body
4.   to present rules, strategies and safety practices in a variety of activities
5.   to promote the development of skill abilities for activities which will be of interest and value in adult life
6.   to develop proper leadership and fellowship qualities

COURSE OFFERINGS AND DESCRIPTIONS

Fitness for Life/Weight Lifting I or II   (full year - 10 credits)   Grades 11 - 12
(ST-080400)
The course will include the practice of various skills involved in a variety of lifetime physical activities. These will include: walking, golf, volleyball, indoor baseball, horseshoes, badminton, softball, shuffle board, and bowling. Two days will be devoted to weight lifting and conditioning. Students who have dropped the class are not eligible to re-enroll. Class limit 27.

Physical Education/Health   (full year - 10 credits)   Grade 9
(ST-080200 and ST-080300)
The physical education classes are required of all freshmen. The students will be exposed to a wide variety of team and individual activities. Each student will be tested on practical and theoretical knowledge and safety practices involved in each sport.

Although some subjects are repeated each year, they will vary in scope. Physical Fitness Tests may be administered twice a year; at the beginning and at the end of each school year. These tests serve as a measure of individual fitness, improvement and effectiveness of the physical education program.

Course Includes: Fitness tests, aerobics, horseshoes, shuffleboard, indoor baseball, ultimate football, golf, soccer, volleyball, basketball, floor hockey, softball, and weight training.

The class will include health education. Students will be introduced to the physical, mental and social dimensions of health. Primary areas to be covered will include: alcohol and drugs, safety and emergency care, diet, psychosomatic and neurotic disorders, nutrition.

Required: Grade 9

RELIGION DEPARTMENT

PHILOSOPHY

The Neumann High School Religion Department believes that the Church continues the mission of Jesus, prophet, priest and servant king. We believe that its mission, like His, has three aspects: proclaiming and teaching God's word, celebrating the Sacred Mysteries and serving the people of the world.

In union with the universal church, the Neumann Religion Department recognizes its ministry to the students of Saunders County in three dimensions: the Ministry of Word, which consists of announcing the message, the Good News of Salvation wrought by Jesus Christ; the Ministry of Celebration, which strives to form a community of believers to be gathered together in friendship and worship; and the Ministry of Service which seeks to motivate students to perform loving acts of concern for others and to support strategies that promote peace and justice.

OBJECTIVES:

Freshmen:
1. to acquire familiarity with the Sacred Scriptures, their origin and values.
2. to gain an understanding of the origin of our faith through the study of the Old and New Testament.

Sophomores:
1. through understanding of Catholic worship, students will be enabled to come closer to God through genuine participation in the mass and reception of the sacraments and by developing a relationship with Jesus Christ through their own prayer lives.
2. to understand and appreciate the establishment, purpose and accomplishments of the Catholic Church and of its many great members.

Juniors:
1. to acquire an appreciation of a Christian morality which flows from the natural law which St. Paul says is the law of God written in the heart of everyone.
2. to help the student understand some key contemporary social justice issues in light of the Roman Catholic faith.

Seniors:
1. to provide a thorough study of the Catholic Church's teaching on Christian marriage, and a sense of respect for sexuality.
2. to become knowledgeable about lifestyle options including ordained ministry, the religious state, and the single state.
3. to study and review the major points of the Catholic doctrine and discuss how to explain and defend it.

COURSE OFFERINGS AND DESCRIPTIONS

Christian Service   Grade 9 - 10 - 11 - 12
One other requirement of the religion program is service. Each student is expected to spend a minimum of hours in a Christian service program. Freshmen - 15 hours, Sophomores - 15 hours, Juniors - 15 hours and Seniors - 15 hours.

Religion I - Old and New Testament   (full year - 10 credits)   Grade 9
(ST-151301)
Students will study the Old Testament during the first semester. They will be introduced to an understanding of the nature and organization of Sacred Scripture as a component of Divine Revelation. Through the study of the Old Testament, the students will become acquainted with the story of creation, the fall, and the unfolding of salvation history as the people of the Old Testament prepare for the coming of the Messiah. The study of the New Testament during the second semester will present an overview of the physical and cultural geography of the Hold Land at the time of Jesus, as well as a look at the historical context in which he lived. The students will be led to a deeper understanding of the person and mystery of Jesus. This course will involve reading the Gospel account of His life and ministry and studying the Church's interpretation of these in light of Sacred Tradition.

Religion II - Catholic Worship and Church History (full year - 10 credits)   Grade 10
(ST-151302)
This course is made up of three segments: prayer, Mass and the sacraments. The over-all aim of the course is to assist the students in answering God's call to holiness. They will be taught that their relationship to God is expressed and sustained through personal and liturgical prayer. Through an in-depth study of its parts, the students will come to understand Christ's action and their response in the Mass. In their study of the sacraments, they will study the institution, matter and form for each sacrament, the graces received through the sacrament and the characteristics unique to each sacrament.

Three quarters are devoted to Church History. In this class a study of salvation history is continued through the study of the history of the Catholic Church from its foundation by Christ to the present. The lives of many of the saints and their contributions are studied as well as the lives of contemporary Catholics who have made or are making valuable contributions. An examination of the development of doctrine is included as well as the major councils of the Church.

Religion III - Christian Morality and Social Justice   (full year - 10 credits)   Grade 11
(ST-151303)   Dual credit available.
This class seeks to provide a background from which students can come to know the principles of Christian morality on which a Christian life and community are formed. It answers such questions as: What is morality? How does one decide what is right and wrong? What is conscience and how is it formed? What is the role and purpose of the law? What is the role of the Church? And how can one change behavior? The Ten Commandments are studied in depth as well as the laws of the Church. Specific moral issues are considered with special attention given those of most interest to the students involved. The final quarter will focus on the social justice teaching of the Church.

Religion IV - Vocations, Apologetics and A Synthesis of Faith and apologetics (full year - 10 credits)   Grade 12
(ST-151304)
The curriculum tries to show the student that the whole human person is God's creation to be treated with reverence and respect. It also helps the seniors look at different Christian life styles centering in marriage and takes them through the church's view of marriage as well as the Diocesan Marriage Policy. The priesthood, single life and religious lives are also studied.

A Synthesis of Catholic Faith
A unit is devoted to study and review of the major points of Catholic Doctrine. Topics to be discussed will include: God, Jesus, the Holy Spirit and the Trinity, the Church, Sacraments, Christian Moral Life, prayer with special emphasis on the Eucharist, the "last things". Students will be equipped to explain and defend their faith to others.

SCIENCE DEPARTMENT

PHILOSOPHY

The Science Department aims to provide the students with a grasp of the basic conceptual structure of each science, which is taught. In addition, emphasis is placed on the encouragement of the development of the higher level thinking skills, such as analysis and synthesis. In an attempt to reflect the change in the emphasis of the National Science Standards, and the recently adopted Nebraska Science Standards, it is necessary for our science department to make a fundamental change in course offerings. This shift will involve the addition of two new courses beginning in the 2018-2019 school term. These courses include an Earth and Environmental Sciences class that will be offered to our 9th and 10th grade students, and a Physical Science class that

will be offered to our 11th (and 12th grade as needed) students.

We believe that our science curriculum exposes the students to options in science related careers and develops a positive attitude toward science. The student should gain an awareness of the relationships of the sciences to each other and to other areas of interest -- a feel for the place of science in life.

Finally, through the study of science and current scientific advances the student should gain an awareness that knowledge and ability imply responsibility, and that decisions are not made in isolation, but rather in context. They should come to feel that a study of the sciences does not decrease their involvement with other people, but rather makes that involvement more vital.

OBJECTIVES

Following the above philosophy, the goals and objectives of the department are:
1. to promote the development of a positive attitude toward science and its methods.
2. to provide students with critical thinking skills through the use of laboratory experiences.
3. to develop in the student the ability to work effectively in a group situation by means of lab work and small group discussion.
4. to provide students with an ability to work with basic concepts in the sciences.
5. to lessen science anxiety in the more advanced sciences by providing a positive learning atmosphere.
6. to develop in the students initiative and responsibility for accomplishing goals on their own through project work.
7. to aid the students in clarifying the relationship between themselves and their environment.
8. develop within each student a deep respect for all of God's living creation, and especially respect for all human life.
9. to use appropriate technology as a tool for scientific learning.

COURSE OFFERINGS AND DESCRIPTIONS

All 9th graders must take a science – Earth & Environmental Science or Biology

Advanced Biology: Perspectives in Biological Sciences   (full year – 10 credits)   Grade 11 – 12
(ST – 130202)   Dual credit available.
This class is a **dual credit** class and is open to juniors and seniors who have completed Introductory Biology and Chemistry. This dual credit course work is designed to be used for both high school credit, and college credit for a general education class for non-science majors. This course will examine the principles of biology within the context of the human experience and covers content in cell biology, physiology, genetics, evolution, ecology, and the interaction of humankind and the environment.
Biology students completing this course will have knowledge of the: characteristics of life and species diversity; structure and function of biomolecules; cellular structures and functions; genetic basis of life principles of evolution
structure, function, and development of organisms; interactions between organisms and their environment; ethical dimensions of biological discoveries; scientific terminology.

Prerequisites: Completion of Biology and Chemistry with a grade of C+ or above, or departmental approval.

Anatomy and Physiology   (full year - 10 credits)   Grades 11 -12
(ST-130210)
The course is designed primarily for those who may be planning a career in the health science fields. The course will concentrate primarily on the study of the human anatomy and physiology with emphasis placed on organization and histology of general tissue structures, the endocrine, urinary, cardiac, nervous, skeletal, and muscular systems. Limited coverage of human genetics may also be included. This is a weighted course.

Prerequisite: C+ (83-85%) in Chemistry and recommendation by the department.

Biology   (full year - 10 credits)   Grade 9 - 10
(ST-130201)

This general biology course focuses on the principles of biological processes, functions, theories and research. The course work includes lecture, group activity, labs and special research projects. Topics covered include cell structure and function, genetics, phylogenic classification and taxonomy, plant growth and development, animal growth and development, ecological systems, and comparison of other living systems to the human systems. Emphasis throughout the course is placed upon making responsible decisions regarding moral and ethical issues in the biological sciences.

Prerequisites: Incoming freshmen who have completed Algebra I and have completed the 8th grade science course with a grade of 90% or higher OR departmental approval.

Chemistry   (full year - 10 credits)   Grades 10 - 11 - 12
(ST-130301)
Chemistry is an introductory course covering atomic structure, chemical reactions, stoichiometry, thermochemistry, bonding, molecular structure and states of matter. Emphasis placed upon mathematical applications and conceptional understanding. The class involves lectures, lab work and individual work.

Prerequisite: Enrollment or credit in Algebra II, second semester grade in biology of 85% or greater or departmental approval.

Chemistry II   (full year - 10 credits)   Grades 11 - 12
(ST-130302)
Chemistry II stresses in-depth content coverage. This allows students to focus on the more difficult material often found in an introductory college chemistry course. As with chemistry I, the class consists of lecture/discussion, individual/group work, and lab exercises. Topics include chemical kinetics and thermodynamics, equilibria, oxidation-reduction reactions and acid-base reactions. Possible additional topics include, electrochemistry, nuclear chemistry, and organic chemistry. Weighted.

Prerequisites: B (85%) or above in Chemistry I and completion of Algebra II or department approval.

Earth and Environmental Science   (full year - 10 credits)   Grade 9-10
(ST- 130313)
Earth and Environmental Science present an overview of earth related concepts and disciplines including the scale of geologic time, formation of galaxies, stars and our solar system, historic geology and the physical aspects of earth's systems, including the mineral/rock cycle, earth structures formation, plate tectonics, and atmospheric dynamics and weather systems. It will include an exploration of environmental systems, including theories and processes of climate change and global warming, and addressing how human interaction with Earth's systems impacts and contributes to changes in Earth's environmental systems.

Prerequisite: Recommendation of the science department.

Physical Science   (full year - 10 credits)   Grades 11- 12
(ST- 130300)
Physical Science is a two semester laboratory based science class providing the student with an introduction to chemistry and physics' concepts. All units begin with direct experimental observations that lead to developing basic physical science concepts in a constructivist approach. Improving a student's mathematical modeling and problem solving techniques are integral to the course. Physical science is a course for junior or senior students in place of Chemistry I.

Prerequisite: Recommendation of the Science Department

Physics (non-Advanced Placement)   (full year - 10 credits)   Grade 11 - 12
(ST-130303)
Physics is a one-year course which covers classical mechanics and thermodynamics with an introduction to astronomy. The class involves lectures, lab work and individual work. This is a weighted course.

Prerequisite: Enrollment or credit in Pre-Calculus or departmental approval.

AP Physics – Algebra based   (Advanced Placement)   (full year – 10 credits)   Grade 11 - 12
(ST – 135021)   Dual credit available.
AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Instruction is based upon the Six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries. Twenty five percent of the instructional time is spent in a lab doing inquiry based investigations.

Students taking AP courses must be able to commit an hour a night, every school night to be successful in this course. The first unit will be completed over the summer and the prospective student must pass an exam over the assigned summer material to enter the course. This course will involve independent study in a flipped course format.

This course is governed by the AP College Board. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board located on the website: www.collegeboard.com

Prerequisites: Enrollment or credit in Pre-Calculus or departmental approval.

SOCIAL SCIENCES DEPARTMENT

PHILOSOPHY
The Social Studies Department of Neumann High School believes that the Social Sciences are fundamental studies of human relationships between the individual and other individuals, institutions, environment and value systems.

We believe that the program provided by the Social Studies Department broadens the student's horizon by providing learning experiences and opportunities that would culminate in
- a.)   The development of skills in problem solving and decision making
- b.)   Respect for and appreciation of one's culture and society and the difference in other cultures and societies
- c.)   A sense of responsibility toward one's community, the nation and the world

We believe our department offers courses that will not only give students a sense of the past and an awareness of the present, but also a realistic outlook for the future.

OBJECTIVES

The Social Studies Department will:
1. Encourage the study of interactions of human culture and the natural environment by offering courses in World History, American History/ Government and Sociology
2. Help students appreciate people's responsibility for other people in the world by raising social consciousness and an awareness of the need to share the resources of the world
3. Challenge individuals to actively participate in social and civic endeavor by familiarizing them with our governmental and political system.
4. Provide occasions for problem solving and decision making through group or individual activities
5. Offer courses to enable students to know, understand and appreciate their American heritage, of history, culture, ideas and social values.
6. Assist in the development of an understanding of an individual's interactions with oneself and with others through studies in sociology
7. Promote an awareness of changing events in the nation and in the world through the utilization of current magazines, news quizzes and sharing in class discussions

COURSE OFFERINGS AND DESCRIPTION

American Government   (full year 10 credits)   Grade 12

(ST – 151110)
American Government is an in-depth study of the U.S. Government, with an emphasis on the Federal branches and United States Constitution.

Prerequisites: Senior standing and American History

U.S. History 1860 - Present   (full year - 10 credits)   Grade 11
(ST-150820)
A study of the American way of life, it's history, government, economy, international relationships and cultural diversities. This course is an attempt to help the student understand his/her country and it's contributions to recent world history from civil war (1860) to the present.

Prerequisite: Junior standing

Honors American Government   (full year - 10 credits)   Grade 12
(ST-151110)
As an upper level course in American Government; there will be a greater depth of study of the U.S. Government, the Constitution, and the Federal Branch. This class will be tested at an advanced level. This is a weighted course.

Prerequisites: Senior standing, and 93% in World History and American History and recommendation of department.

World History   (full year – 10 credits)   Grade 9
(ST-150800)
This course studies the facts of world history, the significance of events in that history and an understanding of the people in all parts of the world; beginning with Early Man on through the Industrialized Nations.

Required in 9th grade

Intro to Psychology   (semester – 5 credits)   Grade 11-12
(ST – 151200)   Dual credit available
An introduction to the science of psychology including the application of critical thinking to the study of learning theory, memory, personality, growth and development, biological and neurological aspects, abnormal behavior, therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

LIBRARY AND MEDIA DEPARTMENT

PHILOSOPHY

The school library strives to provide the books, periodicals, audiovisual and other resource materials necessary to the fulfillment of the curriculum and for the independent study or recreation reading of the students.

OBJECTIVES:

1.   to provide materials that will enrich and support the curriculum, taking into consideration the varied interests, abilities and maturity levels of the pupils served.

2.   to provide materials that will stimulate growth in factual knowledge, literary appreciation, aesthetic values and ethical standards.

3.   to provide a background of information which will enable students to make intelligent judgments in their daily lives.

4.   to provide materials on opposing sides of controversial issues so that young citizens may develop under guidance the practice of critical reading and thinking.

5.   to provide materials representative of the many religious, ethnic, and cultural groups and their contributions to our American heritage.

6.   to place principle above personal opinion and reason above prejudice in the selection of materials of the highest quality in order to assure a comprehensive collection appropriate for the users of the library.

RESOURCE PROGRAM

The Resource Room provides academic support for students who have an identified learning disability and also to students who are struggling academically but have not qualified for special education services. This support is given through a scheduled study hall during one period of the school day or placement into the resource room during lunch study halls.

To qualify for special education services, a test is given by a psychologist. This testing provides two scores, one in achievement and one in intelligence. A learning disabled student will have an average intelligence in the range of 85 to 115. To qualify for resource assistance, a student would have to have an achievement score 20 points lower than the intelligence score. After the student qualifies, they are eligible for help in the resource room. Students may be referred for testing by teachers or parents. Students qualifying for resource may be in grades 7 through 12.

Students who do not qualify for special education services can still receive academic support from the resource program if three of the following criteria have been met. 1) Recommendation by the junior high or high school staff, 2) Guardian request (guardian refusal will block initial placement) 3) Low grades 4) Administrative request.

SCHOOL COUNSELING DEPARTMENT

PHILOSOPHY

The personnel of Bishop Neumann High School believe that the counseling program is an integral part of the total educational process. Students develop morally, emotionally and socially in school as well as acquire academic knowledge. Therefore, the counseling program must address the issue of growth and development in the effective areas. Since this growth occurs at all levels and builds upon previously learned skills, it is imperative that the counseling program be developmental in nature.

A developmental program focuses on all the students rather than just those who would seek out the counselor. All students can benefit from the knowledge and experience an effective curriculum has to offer. In addition, this knowledge and its application may actually work to prevent emotional problems in the future life of the student. Therefore, the counseling program is preventive as well as remedial in nature. We believe that the counseling program should assure parents that a systematic method of teaching students about the human experience would be pursued.

At Bishop Neumann High School each staff person's contribution contributes to the total school climate. The counselor works toward a climate, which enhances every students' growth in positive experiences in relationships with self and others. In addition he/she encourages students toward academic excellence. This may involve supportive school activities, which allows the school to run smoothly and efficiently.

The counseling program recognizes that each person has the capacity to change attitudes and behaviors. It also recognizes that each student can change his or her behavior and become more self-directive. As particular student needs are identified, efforts will be made in response to these needs. These responsive services will be in direct relationship to identified student needs.

Finally, the counseling program must recognize the need for students to learn to plan for achieving identified goals. Individual

planning necessarily involves learning and applying decision making skills and then taking the responsibility to implement chosen options. Students need to plan for all levels of educational as well as vocational goals.

ASSUMPTIONS

1. Counseling Programs should be an integral part of the school's educational program.

    Since social, emotional and academic development occurs simultaneously, an equal and complementary relationship exists between the instructional and counseling programs. The counseling program goals and objectives should be identifiable and yet integrated into the total curriculum. This means that all staff has guidance responsibilities although the counselor coordinates the counseling curriculum.

2. Counseling programs deal with developmental as well as remedial concerns.

    The counseling program should focus on all students and thus maximize the prevention of problems. This means that part of the program structure must deal with imparting knowledge of effective development to all students at each level while still responding to those students seeking counseling.

3. Counseling programs help develop and protect each student's concept of himself/herself.

    A major responsibility of the counseling program centers around protecting and enhancing each student's self-concept. Although many forces impinge on each individual student at any time, it is the school's responsibility to make the educational experience as positive as possible. The counselor works within this framework by making students aware of their uniqueness and acceptability as individuals. This awareness includes interest, aptitudes, abilities, personal characteristics and other self-knowledge.

4. Counseling programs recognize each person's capability to change.

    It is essential that the counselor believe that each person has the capacity to change behaviors and/or attitudes and that this belief is communicated to students and teachers thus creating a climate for change.

5. Counseling programs should be evaluated periodically for effectiveness.

    Responsive counseling programs recognize the needs of those who are served. To ensure this, programs and personnel should be evaluated regularly. In order to accomplish this counseling programs must be organized, structured and have specified goals and objectives.

7th AND 8th GRADE COURSE DESCRIPTIONS

The standard seventh and eighth grade curriculum is designed to provide basic academic skills and opportunities for exploration in a variety of subject areas.

ENGLISH DEPARTMENT
English (Grade 7)
(ST-050800)
Seventh grade English class will include a study of basic grammar mechanics, with emphasis on parts of speech, punctuation, and spelling. An English grammar text and workbook will be used. Reading comprehension, vocabulary, and an introduction to the

basic components of a short story will be included in the curriculum. Students will read and discuss class novels.

English (Grade 8)
(ST-050801)
An in-depth review of grammar mechanics is supplemented by the use of a grammar text and workbooks. Students will be expected to apply their knowledge of grammar to creative writing. In addition to a review of the components of a short story, students will be introduced to basic literary terms. Students will read and discuss class novels.

MATH DEPARTMENT
Seventh Grade Math
(ST-112800)
Continuing the Saxon Series from sixth grade, students will master the basic mathematical concepts and begin concepts of algebra in order to obtain a good foundation for Algebra I.

This course covers the following concepts: fractions, mixed numbers, decimals, word problems, area, percent, ratio, proportion, order of operations, positive and negative number facts, exponents, square roots, solving equations, geometry facts, coordinate planes, inequalities, probability, and statistics.

Eighth Grade Math
(ST-112801)
Students who are not ready for Algebra I can continue to Saxon series to review the basic mathematical concepts and continue to build a foundation for Algebra I.

This course reviews the following concepts that was taught in Seventh Grade Math: fractions, mixed numbers, decimals, word problems, area, percent, ratio, proportion, order of operations, positive and negative number facts, exponents, square roots, solving equations, geometry facts, rectangular coordinates, inequalities, probability, and statistics.

Prerequisite: Recommendation of Department

Pre Algebra   (Full Year – 10 credits)   Grades 7 - 8
(ST-110299)
Continuing the Saxon Series to review the basic mathematical concepts and continuing to build a foundation for Algebra I.

This course includes the four basic operations and properties on the real numbers with emphasis on integers, solutions of one and two step equations, and creation of functional tables, and graphing linear pairs.

Prerequisite: Recommendation of Department

Algebra I   (Full Year – 10 credits)   Grades 8
(ST-110300)
An organization of mathematics subject matter concerned primarily with introductory study of properties of number systems (real number, complex numbers).   Topics studied include algebraic expressions and symbols, operations of reals (additions, multiplication, inverse operations), binomials, absolute values, proofs, and functions.

Prerequisite: Recommendation of the Department.

MUSIC DEPARTMENT

*(For students in grades 8 through 12 who participate in Instrumental or Vocal Music,
there is an annual family fee. This fee is a substitute for several fund raising events)*

** 7th graders are required to take either Band or Choir or may take both. 8th Grade - music is an elective.

Junior High Band
(ST-120500)
Band members will use standard concert band literature and method books to improve their individual playing skills and develop

their performance as a group. Some of the concepts that will be further explored and enhanced will include tone production, rhythm, correct playing posture, concert scales, and basic music theory as it relates to the concert band setting. Students will have the opportunity to perform solos at contest, or participate in clinics if they so desire. Junior High Band will meet three times a week. Attendance at concerts, contest, and public performances is required. A uniform of black pants and white tuxedo shirt is required.

Junior High Choir Boys and Girls
(ST-120400)
This course will include learning music fundamentals, appreciation and singing. A variety of styles of music will be introduced and proper singing techniques will be emphasized as will appropriate concert behavior. Attendance at public performances and contests is required. A uniform of black pants and white tuxedo shirt is required.

Junior High Show Choirs (7th grade & 8th grade)
(ST-120400)
These groups will perform at public performances and contests. Proper singing techniques and simple choreography will be emphasized.

Prerequisite: Membership in Junior High Choir or Junior High Band.

PHYSICAL EDUCATION DEPARTMENT

Girls Physical Education (Grades 7 and 8)
(ST-080150)
The primary goals of the program are to promote growth and development of the body system, to improve muscle and nerve coordination and to allow wholesome situations in competitive and cooperative activities. The curriculum will include: volleyball, basketball, track and field, weight training for 8th grade only, conditioning, and miscellaneous games.

A non-credit unit on weight training is available after school but not required in the eighth grade.

Boys Physical Education (Grades 7 and 8)
(ST-080150)
The goals of the program are to promote growth and development of the body system, to improve muscle and nerve coordination and to allow wholesome situations in competitive and cooperative activities. A majority of this will be done during football, cross country, basketball, wrestling and track practice. The curriculum will include: skills testing, flexibility testing, contact football, miscellaneous games, basketball, wrestling, weight training in the second semester for 8th grade only, and track and field.

A non-credit unit on weight training is available after school but; not required in the eighth grade.

RELIGION DEPARTMENT

7th Religion - Jesus, the Way, the Truth and the Life
(ST-159930)
In this course students will discover who Jesus is and what it means to follow Him. They will be invited to become closer to Jesus in faith, hope and love.

8th Religion - The Church - Its Mystery, Tradition and Witness
(ST-159931)
The course is designed to help students grow in their appreciation and understanding of the Church, its place in God's plan and in

their lives as mother and teacher.

SCIENCE DEPARTMENT
7th Grade Science
(ST-130801)

The seventh graders will be presented an overview of using scientific skills such as using the metric system, scientific method, explaining various concepts, and applying these to real life situations. Topics to be covered will include: metric measurements, density, scientific method, chemistry, microscopes, cells, heredity, plate tectonics, rocks and minerals, and weather. The class involves lectures, note-taking, labs, individual works, and putting together a portfolio.

8th Grade Science
(ST-130802)

The eighth graders will continue to use scientific skills learned in Science 7. Topics to be covered will include: ecology, environmental science, diversity, evolution, astronomy, chemistry, energy, forces and motion, and plants. The class involves lectures, note-taking, labs, individual works, and conducting a science fair project.

SOCIAL STUDIES DEPARTMENT

World History (Grade 7)
(ST-150011)

In World History students will focus their study on the major events of the ancient civilizations, religions, and cultures of humanity. The course will utilize the Catholic-Christian worldview to focus on the human societies that have had the greatest influence our current world of the twenty-first century.

American History (Grade 8)
(ST-150012)

Students will study about the American way of life, its history, government, economy and international relationships from the discovery of the Americas up to and including (1850) the Civil War period.

ENRICHMENT COURSES

The courses listed and described will be quarter courses. Students at each grade level will be expected to take four.

Agriculture Career Pathways
(ST-018002)

We will explore various areas of agriculture and discover how they relate to our everyday lives. We will finalize the course exploring future careers in agriculture and analyze the steps necessary to pursue that career or any future career. Topics include large and small animal identification and terminology, crop growth, landscape plant identification and the importance of agriculture in our everyday lives.

Elective: eighth grade

Art 8
(ST-020800)

Students will be given the opportunity to experience a range of art mediums such as tempera painting, clay, sculpture and pencil drawing. During each unit they will learn about important artists or cultures, which have made a tremendous impact in art. They will also learn about elements and principles of art. Tests are given at the completion of each unit over the information covered. This class is offered to 8th graders only.

Required: eighth grade

Careers
(ST – 320100)
Students learn how to effectively explore careers while using the Nebraska Career Education Model and related resources. Students will lean the vocabulary and expectations of effective academic and career planning. A focus will be to discover the relationship between personal-social qualities, interests and skills to a wide variety of careers and postsecondary options.

Elective: seventh grade

Family Consumer Science
(ST-090001)
This is an introductory course in Family and Consumer Sciences for one quarter of the school year. Students will learn about their own personal identity, kitchen safety, food prep, and basic sewing terms and skills. Each student will sew individual projects, providing their own materials.

Elective: eighth grade

Health and the Human Body
(ST-139931)
The students will be introduced to the physical and mental well-being of human health. Primary topics to be covered will be: nutrition, circulatory system, respiratory system, skin care, nervous system, drugs and alcohol, body regulations and reproduction, and diseases/immunity.

Required: seventh grade

Intro to Computer Science and Web Design

(ST-270410)

This course introduces students to the foundations of computer science with a focus on how computing powers the world. Students will explore computer science terminology and concepts and apply them to a culminating project. This course also introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets).

Elective: seventh grade

Keyboarding/Word Processing
(ST-033501)
In keyboarding, the students will be taught correct key reaches for letters, figures and symbols while gradually improving speed. The students will then apply these skills in word processing and other computer skills. Internet safety topics will also be taught.

Required: seventh grade

Literature 8th
(ST-050300)
The focus of Literature 8 class is a survey of world mythologies – including Greek, Egyptian, Norse, and Native American myths. Students read and study about these mythologies in order to understand their place in our language and culture today. They work throughout the quarter on a presentation over various gods and goddesses they have studied.

Required: eighth grade

Jr. High Boys Sports   **Football 1st Quarter**   (Elective - 7th & 8th grade boys only)

(ST-089930)
    Jr. High Boys interested in playing competitive football for Neumann need to register for this quarter class.

ENGLISH COURSES

English Literature / Composition
American Literature
British Literature
Modern Literature
Understanding Literature
World Literature
***English Literature/Composition – Honors

SCIENCE COURSES

Earth & Environmental Science
Biology
Physical Science
Chemistry
*Chemistry II
*Anatomy / Physiology
*Physics

FINE ART COURSES
Art I
Art II
Art III
Art IV
Journalism I, II, III
*Journalism IV
Journalism Editing
***Music Theory/Appreciation

MATH COURSES
PreAlgebra
Algebra I
Geometry
Algebra II
PreCalculus
*Calculus
College Prep Math
**College Algebra
**Applied Statistics

PERFORMING ARTS COURSES
Band
Band – Jazz
Choir
Madrigal Choir
Show Choir

PHYSICAL EDUCATION COURSES
Physical Education – 9th Grade
Fitness

RELIGION COURSES
Religion I
Religion II
Religion III
Religion IV

***AP Physics
***Advanced Biology

SOCIAL SCIENCES
World History
American History
American Government
*American Government – Honors
**Psychology

VOCATIONAL COURSES
Accounting I
Accounting II / Business Communications
Ag Construction
Ag Mechanics
Agribusiness and Leadership
Animal Science
Apparel Production and Fashion
Business Law / Personal Finance
Computer Science & Digital Media
Design
Economics / Marketing
Foods I
Foods II
Intro to Ag, Food, & Natural Resources
Landscape & Floriculture / Vet Science
Life Skills
Life Span Dev. & Early Childhood Ed.
Plant Science

FOREIGN LANGUAGE COURSES
Spanish I
Spanish II
Spanish III
*Spanish IV

*Honors Course
**College credit course
***Honors course & college credit available