

BUSINESS/CAREER/TECHNOLOGY		
ACT Prep Course Code: 039930	Grades: 11, 12 5 Credit Hours 1 Semester	A course designed to prepare students for the administration of the ACT test.
Animal Science Course Code: 011004	Grades: 10, 11, 12 10 Credit Hours 2 Semesters	A course focusing 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 animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Prerequisite: Biology I
Business Math Course Code: 030500	Grades: 11, 12 10 Credit Hours 2 Semesters	A course that provides students a comprehensive review of basic mathematical skills. Students have the opportunity to apply the math concepts to realistic business and money management situations.
Computer Applications Course Code: 030500	Grades: 8 1 Semester	A course designed for students to improve touch method keyboarding skills and to develop handwriting recognition and speech recognition skills. Instruction emphasizes improved techniques for increased speed and accuracy and composition at the keyboard. Students will be introduced to word processing, electronic presentation, and spreadsheet applications.
Digital Media WHERE HISTORY MEETS TECHNOLOGY Course Code: 270602	Grades: 11, 12 10 Credit Hours 2 Semesters	Learn basics of sophisticated programs such as Adobe Photoshop Elements, Audacity Audio Editing, and Movie Maker. Collect and edit content from St. Mary's Archives. Storyboard a documentary movie. Then create a documentary movie. **Class size is limited to 5.
Experience Teaching Course Code: 090310	Grades: 12 5 Credit Hours 1 Semester	Provides students with volunteer experience in fields related to education. Goals are cooperatively set by student and supervising teacher so that students increase their understanding about the roles and responsibilities of a teacher. May include experiencing teaching in a controlled setting by designing learning experiences and giving presentations. Classroom instruction could include questioning, developing objectives and assessments, safety practices, and technology applications.
Keyboarding Applications Course Code: 033501	Grades: 7 1 Semester	A course designed for students to learn touch techniques and proper keystroking while continuing to develop composition and proofreading skills as well as speed and accuracy. Students will demonstrate keyboarding proficiency in document formatting (personal letters, reports, tables). Other forms of input technology (speech recognition, wireless devices, voice-activated and handwriting tablet applications) may be introduced.

BUSINESS/CAREER/TECHNOLOGY continued		
<p>Introduction to Health Sciences</p> <p>Course Code: 077300</p>	<p>Grades: 11, 12</p> <p>5 Credit Hours 1 Semester</p>	<p>A course to increase the knowledge and skills of Health Care Careers within the five pathways. Topics covered may include (but not limited to) health care are: health care delivery, patient care, (including assessment of vital signs, body mechanics, and diet), identification and use of medical equipment and supplies, medical terminology, hygiene and disease prevention, first aid and CPR procedures, laboratory procedures, ethical and legal responsibilities.</p>
<p>Medical Terminology</p> <p>Course Code: 077600</p>	<p>Grades: 11, 12</p> <p>5 Credit Hours 1 Semester</p>	<p>This course is designed to help students learn medical language by analyzing their components. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.</p>
<p>Personal Finance</p> <p>Course Code: 033000</p>	<p>Grades: 9, 10, 11, 12</p> <p>5 Credit Hours 1 Semester</p>	<p>A course designed to assist students in personal financial management skills. Students learn to manage their resources and make sound personal financial decisions. Units of study include budgeting, credit, insurance, saving, investing, home ownership, banking, taxes, wills, and estates.</p>
<p>Publication Journalism</p> <p>Course Code: 270220</p>	<p>Grades: 9, 10, 11, 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>Students will explore career opportunities in journalism including media companies, radio and television stations, newspapers and news magazines, and other news outlets. Students will study the history of journalism and its role in society and develop an awareness of cultural, regional, and diversity issues. Specific content will include writing processes used for various journalism media, including how to obtain information for writing the story, developing the story for print, on-line and broadcast, learning how photographs support the story, and application of knowledge of the similarities and differences in editorial, feature, and news writing styles.</p> <p>** Class size is limited to 10.</p>

ENGLISH LANGUAGE ARTS		
English I Course Code: 050021	Grades: 9 10 Credit Hours 2 Semesters	Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.
English II Course Code: 050022	Grades: 10 10 Credit Hours 2 Semesters	Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.
English III Course Code: 050023	Grades: 11 10 Credit Hours 2 Semesters	Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.
English IV Course Code: 050024	Grades: 12 10 Credit Hours 2 Semesters	Study concerned with developing: 1) an understanding of the language system, 2) proficiency and control in the use of the English forms and 3) appreciation of the variety of literary forms, etc. The normal goals of instruction are an understanding of the use of composition, language and literature by the students.
Journalism Course Code: 050401	Grades: 10, 11, 12 10 Credit Hours 2 Semesters	This course introduces students to the concept of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the basis of production design, layout, and printing of a publication such as school newspapers, year books and literary magazines. ** Class size is limited to 6
Beginning Speech Course Code: 050501	Grades: 9, 10, 11, 12 5 Credit Hours 1 Semester	An introductory course in oral communication. Emphasized are intra and inter- personal communication through activities in group discussion, audience analysis, speech organization and delivery.
Advanced Speech Course Code: 050502	Grades: 10, 11, 12 10 Credit Hours 2 Semesters	The second level of study in oral communication. In addition to further practice in public speaking, opportunities may be included to study and practice debates, communication theory and oral interpretation of literature.
Language Arts – Middle Grades/ Junior High I Course Code: 050802	Grades: 7 2 Semesters	This course includes experiences that engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the elementary grades.

ENGLISH LANGUAGE ARTS continued		
<p>Language Arts – Middle Grades/ Junior High II</p> <p>Course Code: 050803</p>	<p>Grades: 8</p> <p>2 Semesters</p>	<p>This course includes experiences that continue to engage students in using language for a variety of reading, writing, speaking, and listening purposes designed to help students expand, develop, and apply the skills introduced in the first level of middle grades language arts.</p>

FOREIGN LANGUAGE		
<p>Spanish I</p> <p>Course Code: 060242</p>	<p>Grades: 9</p> <p>10 Credit Hours 2 Semesters</p>	<p>This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.</p>
<p>Spanish II</p> <p>Course Code: 060243</p>	<p>Grades: 10</p> <p>10 Credit Hours 2 Semesters</p>	<p>This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.</p>
<p>Spanish 7</p> <p>Course Code: 069930</p>	<p>Grades: 7</p> <p>1 Semester</p>	<p>This middle grade level course is designed to introduce students to the study of speaking, listening, reading, writing, and culture of the people. Students will begin to understand familiar words and very basic phrases in the language.</p>
<p>Spanish 8</p> <p>Course Code: 069931</p>	<p>Grades: 8</p> <p>1 Semester</p>	<p>This course builds on the learning introduced in Spanish 7 and is designed to transition students to Spanish I.</p>

MATHEMATICS		
<p>Algebra I</p> <p>Course Code: 110300</p>	<p>Grades: 8</p> <p>10 Credit Hours 2 Semesters</p>	<p>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 (addition, multiplication, inverse operations), binomials, absolute values, proofs, and functions.</p>
<p>Algebra I Part 1</p> <p>Course Code: 119930</p>	<p>Grades: 8, 9</p> <p>10 Credit Hours 2 Semesters</p>	<p>The first year of a 2 year study of the subject matter covered in a traditional one year Algebra I course.</p>
<p>Algebra I Part 2</p> <p>Course Code: 119931</p>	<p>Grades: 9, 10</p> <p>10 Credit Hours 2 Semesters</p>	<p>The second year of a 2 year study of the subject matter covered in a traditional one year Algebra I course.</p>
<p>Algebra II</p> <p>Course Code: 110306</p>	<p>Grades: 11, 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>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, upper and lower bounds, continued sums, matrices, vectors, limits, continuous functions, complex number, combinations, and permutations.</p> <p>Prerequisite: Geometry</p>
<p>Basic Geometry</p> <p>Course Code: 119933</p>	<p>Grades: 9, 10, 11</p> <p>10 Credit Hours 2 Semesters</p>	<p>A more elementary study of the branch of mathematics concerned with geometric figures in the plane and in space. Geometry emphasizes the use of logic in establishing proofs.</p> <p>Prerequisite: Algebra I Part 2 or the permission of the principal.</p>
<p>Business Math</p> <p>Course Code: 111800</p>	<p>Grades: 11, 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>A course that provides students a comprehensive review of basic mathematical skills. Students have opportunity to apply the math concepts to realistic business and money management situations.</p> <p>Prerequisite: Basic Geometry</p>
<p>Calculus</p> <p>Course Code: 110600</p>	<p>Grades: 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>The study of two fundamental limits, called the derivative and the integral, and their evaluation by means of a function of algebra called "the Calculus".</p> <p>Prerequisite: Pre-Calculus</p>
<p>Geometry</p> <p>Course Code: 111200</p>	<p>Grades: 9, 10, 11</p> <p>10 Credit Hours 2 Semesters</p>	<p>The branch of mathematics concerned with geometric figures in the plane and in space. Geometry emphasizes the use of logic in establishing proofs.</p> <p>Prerequisite: Algebra I or the permission of the principal.</p>

MATHEMATICS continued		
<p>Intermediate Algebra General Math</p> <p>Course Code: 111100</p>	<p>Grades: 11, 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>A course that provides students a comprehensive review of basic mathematical and algebraic skills. It is designed to transition students from the study of geometry to Algebra II.</p> <p>Prerequisite: Basic Geometry or the permission of the principal.</p>
<p>Pre-Algebra</p> <p>Course Code: 110299</p>	<p>Grades: 7</p> <p>2 Semesters</p>	<p>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.</p>
<p>Pre-Calculus</p> <p>Course Code: 111300</p>	<p>Grades: 11, 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>An integrated body of selected aspects of algebra, trigonometry and analytic geometry.</p> <p>Prerequisite: Algebra II</p>
<p>Statistics</p> <p>Course Code: 111700</p>	<p>Grades: 11, 12</p> <p>10 Credit Hours 2 Semesters</p>	<p>The study of data analysis involving sampling, organization and interpretation of data. The study of probability through experimental and theoretical approaches.</p> <p>Prerequisite: Algebra II</p>

NATURAL SCIENCES		
Anatomy & Physiology Course Code: 130210	Grades: 11, 12 10 Credit Hours 2 Semesters	The branch of biology that relates to the functions of living organisms or any of their parts. Students should develop the ability to think and act in ways associated with scientific inquiry. Prerequisite: Chemistry I
Biology I Course Code: 130201	Grades: 9 10 Credit Hours 2 Semesters	The study of the cell, molecular basis of heredity, biological evolution, interdependence of organisms, matter, energy and organization in living systems, and behavior of organisms. Students should develop the ability to think and act in ways associated with scientific inquiry. Prerequisite: Physical Science
Chemistry I Course Code: 130301	Grades: 10 10 Credit Hours 2 Semesters	The study of the structure of atoms, structure and properties of matter, and chemical reactions. Student should develop the ability to think and act in ways associated with scientific inquiry. Prerequisite: Biology I
Chemistry II Course Code: 130302	Grades: 11, 12 10 Credit Hours 2 Semesters	A continuation of the topics and concepts of Chemistry I. Prerequisite: Chemistry I
Earth Science Course Code: 130415	Grades: 7 2 Semesters	The study of energy in the earth systems, geochemical cycles, and origin and evolution of the earth system and universe. Students should develop the ability to think and act in ways associated with scientific inquiry.
Environmental Science Course Code: 139930	Grades: 11, 12 10 Credit Hours 2 Semesters	The study of the earth's environment and ecosystems and the effects from the interaction of man. Prerequisite: Chemistry I
Physical Science Course Code: 130300	Grades: 8 10 Credit Hours 2 Semesters	Study of the major topics, concepts, processes and interrelationship of basic chemistry and physics. Students should develop the ability to think and act in ways associated with scientific inquiry.
Physics Course Code: 130303	Grades: 11, 12 10 Credit Hours 2 Semesters	The study of motions and forces, conservation of energy and increase in disorder, and intra-actions of energy and matter. Students should develop the ability to think and act in ways associated with scientific inquiry. Prerequisite: Chemistry I

PERSONAL DEVELOPMENT		
Learning Skills Course Code: 320100	Grades: 7, 8 2 Semesters	Students will explore 21 st Century learning strategies for academic settings, plan and apply education to the Nebraska Career Education Model of Career Cluster opportunities and to gain knowledge and skills for effective living/citizenship. This course includes learning experiences to prepare for successful, seamless transition to postsecondary options. Students may create/update their Personal Learning Plan. Prerequisite: Permission of the principal
Study Skills Course Code: 260300	Grades: 9, 10, 11, 12 10 Credit Hours 2 Semesters	Learning experiences which develop skills necessary to locate, interpret, understand and use information. Topics included are such reading skills as surveying, skimming, scanning and SQ3R. Additionally, alphabetizing, summarizing, paraphrasing, outlining, note-taking and test-taking skills may be included, as may library, research, and time management skills. Prerequisite: Permission of the principal

HEALTH & PHYSICAL EDUCATION		
Physical Education - Athletics Course Code: 080150	Grades: 7, 8 2 Semesters	A general course with an emphasis on physical, social, emotional and mental well being through the medium of physical activity.
Health I / Physical Education I Course Code: 080100 080200	Grades: 9, 10, 11, 12 Each Course: 5 Credit Hours 1 Semester	Learning activities concerning health to achieve desirable knowledge, understanding, attitudes and practices related to personal, family and community health issues. An introductory course in organized, sequential, and systematic application of the concepts and principles of the art and science of human movement through physical activities.
Physical Education II Course Code: 080300	Grades: 10, 11, 12 10 Credit Hours 2 Semesters	An advanced course, with movement as its central focus, primarily directed to: a) the student's ability to move, b) the student's use of movement ability for essential purposes such as survival, health maintenance and improvement, fitness, education and leisure, communication and expression, c) the relationship of movement to the student's physical and social environment and to other aspects of total growth and development.
Strength Training Course Code: 080601	Grades: 11, 12 10 Credit Hours 2 Semesters	A specialized course with strength training as it's central focus primarily directed to muscle strength and endurance through the development of knowledge and skills using free weights or resistance machines. The principles of training (progression, overload, specificity, regularity, and individuality) are incorporated into the course with an emphasis on safety and proper body positioning.

SOCIAL SCIENCES / SOCIAL STUDIES		
American Government Course Code: 151110	Grades: 12 5 Credit Hours 1 Semester	The study of the process and structures by which people govern themselves at the local, state and national level.
American History - 8 Course Code: 150012	Grades: 8 2 Semesters	The study of the history of events, individual groups, institutions, artifacts, ideas and other phenomena associated with the United States focusing on pre-20 th century.
American History – 20th Century Course Code: 150820	Grades: 11 10 Credit Hours 2 Semesters	The study of the history of events, individual groups, institutions, artifacts, ideas and other phenomena associated with the United States focusing on the 20 th & 21 st centuries.
Economics Course Code: 151000	Grades: 12 5 Credit Hours 1 Semester	A course that includes the study of economic systems and relationship to individual needs and wants as well as current events and issues. Micro and macroeconomics are also covered.
Psychology Course Code: 151200	Grades: 11, 12 10 Credit Hours 2 Semesters	The study of human behavior and mental processes.
World Geography Course Code: 150700	Grades: 9, 10, 11, 12 10 Credit Hours 2 Semesters	The study of spatial relations and processes on the earth's surface studied on a variety of scales ranging from local to world-wide.
World History - 7 Course Code: 150011	Grades: 7 2 Semesters	The first half of the study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with the entire world up until approximately the 15 th century.
World History Course Code: 150800	Grades: 9, 10, 11, 12 10 Credit Hours 2 Semesters	The second half of the study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with the entire world concentrating on events after the 15 th century.

THEOLOGY		
Theology 7 Course Code: 159930	Grades: 7 2 Semesters	The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Course concentrates on the Catholic Church sacraments and morality.
Theology 8 Course Code: 159931	Grades: 8 2 Semesters	The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Course concentrates on the Catholic Church creed.
Theology I Course Code: 151301	Grades: 9 10 Credit Hours 2 Semesters	The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Course concentrates on the Old and New Testament scripture.
Theology II Course Code: 151302	Grades: 10 10 Credit Hours 2 Semesters	The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. . Course concentrates on the Catholic Church sacraments and morality.
Theology III Course Code: 151303	Grades: 11 10 Credit Hours 2 Semesters	The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Course concentrates on World Religions and Catholic Church history.
Theology IV Course Code: 15304	Grades: 12 10 Credit Hours 2 Semesters	The investigation of religious beliefs and statements; the study of religious organizations and churches and their functions in society. Course concentrates on the theology of the body.

VISUAL AND PERFORMING ARTS		
Art 7 Course Code: 020800	Grades: 7 1 Semester	The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to history and culture and to other curricular areas.
Art 8 Course Code: 020801	Grades: 8 1 Semester	The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to history and culture and to other curricular areas.
Art I Course Code: 020100	Grades: 9, 10, 11, 12 10 Credit Hours 2 Semesters	The curriculum includes activities and experiences designed to develop skills in working with a variety of artistic techniques, processes, and media. The curriculum relates art to history and culture and to other curricular areas.
Art II Course Code: 020200	Grades: 10, 11, 12 10 Credit Hours 2 Semesters	A second course in Art. In-depth considerations of design and composition, with extended experiences in two and three dimensional work; may be in 9-week segments emphasizing, for example: Drawing, Painting, Printmaking, Pottery/Ceramics, Sculpture, and Photography.
Band – Instrumental Music Course Code: 120500	Grades: 7 – 12 10 Credit Hours 2 Semesters	The study of instrumental music skills through solo and group performance in larger ensembles of students such as concert, marching and state band, and full and string orchestra.
Music 7 Course Code: 120100	Grades: 7 1 Semester	Music designed for all students for general cultural development.
Music 8 Course Code: 120100	Grades: 8 1 Semester	Music designed for all students for general cultural development.
Music Lessons – Individual Course Code: 120650	Grades: 9, 10, 11, 12 5 Credit Hours 1 Semester	Instruction designed for developing skill and knowledge in instrumental performance.

VISUAL AND PERFORMING ARTS continued		
Vocal Music Course Code: 120400	Grades: 9, 10, 11, 12 10 Credit Hours 2 Semesters	Learning experiences designed for vocal repertoire and vocal skills through solo and group performance in large ensembles of students such as a choir, chorus, glee club and swing choir. Students are expected to participate in conference and district music clinics and festivals.
Show Choir Course Code: 220100	Grades: 9, 10, 11, 12 5 Credit Hours 1 Semester	Courses involving study of playwriting, dramatic literature, scenic design, acting, directing, and the supporting arts and crafts of the THEATRE and films. Generally such study should be coupled with opportunities for the actual performance of the various forms of dramatic arts. This course concentrates on the musical genre and the production of the school musical.
Music Appreciation Course Code: 129930	Grades: 9, 10, 11, 12 5 Credit Hours 1 Semester	The study of music genres and areas throughout history.