

BAYARD PUBLIC SCHOOLS

SECONDARY SCHOOL

COURSE HANDBOOK

2023-2024 SCHOOL TERM



MISSION STATEMENT

The mission of Bayard Public Schools is to partner with parents to provide a successful educational experience and diverse opportunities.

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Nondiscrimination in Education Programs and Activities

It is the policy of the Bayard Public Schools not to discriminate on the basis of race, color, national origin, creed, age, marital status, sex, or disability in its educational programs, activities, or employment policies, as required by Titles VI and VII of the 1964 Civil Rights Act, Title IX of the 1972 Education Amendments, the Section 504 Rehabilitation Act of 1973, and the Nebraska Equal Educational Opportunities Act.

Any person who believes she or he has been discriminated against, denied a benefit, or been excluded from participation in any district educational program or activity on the basis of sex, race, or handicap, in violation of this policy, may grieve such matters using the adopted grievance procedures of this district. Such procedures shall provide for prompt and equitable resolution of complaints alleging acts of discrimination.

Inquires regarding compliance with Title IX, Section 504, Title VI of the Nebraska Equal Opportunity in Education Act may be directed to the High School Principal, Bayard High School, (308)586-1700, or in the case of Title IX and Section 504 Rehabilitation Act, to the Director of the Region VII Office for Civil Rights, 10220 North Executive Hills Boulevard, 8th Floor, Kansas City, Missouri 64153, or call (816) 891-8026.

Policy Enforcement:

To ensure compliance with this policy, the superintendent shall:

- I. Designate a member of the administrative staff:
 - a. To coordinate efforts of the district to comply with this policy;
 - b. To develop and ensure maintenance of a filing system to keep records required under this policy;
 - c. To investigate any complaints of violations of this policy;
 - d. To administer the grievance procedure established in this policy;
 - e. To develop affirmative action programs, as appropriate;
- II. Provide for the publication of this policy on an ongoing basis to students, parents, employees, prospective employees, and district employee unions or organizations, with such publication including the name, office address, and telephone number of the compliance administrator designated, pursuant to this policy in paragraph C., 1. above.

Grievance Procedure

Any student or employee of this district who believes he or she has been discriminated against, denied a benefit, or excluded from participation, in any district education program or activity, on the basis of sex, in violation of this policy, may file a written complaint with the compliance administrator designed in Paragraph C, 1, of this policy, above. The compliance administrator shall cause a review of the written complaint to be conducted and a written response mailed to the complainant within ten (10) working days after receipt of the written complaint. A copy of the written complaint and the compliance administrator's response shall be provided each member of the Board of Education. If the complainant is not satisfied with such response, he or she may submit a written appeal to the Board of Education, indicating with particularity the nature of disagreement with the response and his or her underlying disagreement. The Board of Education shall consider the appeal at its next regularly scheduled board meeting, following receipt of the response.

The Board of Education shall permit the complainant to address the board in public or closed session, as appropriate and lawful, concerning his or her complaint and shall provide the complainant with its written decision on the matter as expeditiously as possible following the completion of the hearing.

The designated administrator for Title IX is: Dr. Kelley Rice, 726 4th Avenue, Box 607, Bayard, Nebraska 69334. 308-586-1700. A complete copy of Title IX and Assurance of Compliance under Title IX of the Education Amendments of 1972 was posted for the students' use on November 3, 1972.

COURSES OFFERED

*Indicates a DL class (DL classes are subject to availability and may change without notice)

~Indicates an online class (Online classes are offered through WNCC and may change without notice)

Agriculture

Animal Science
Farm & Business Management
Introduction to Agriculture
Plant & Soil Science
Power, Structure, and Technical Foundations

Business

~Principles of Accounting I
~Principles of Accounting II
~Business Law
~Introduction to Business
Personal Finance

Career & Technical Education

Basic Nursing Assistant (BNA)
Career Development
Work Based Learning

Computer Technology

Broadcast Technology
Digital Design
Introduction to Computer Science
~Intro to Computer Science (WNCC)
Introduction to Python Coding
~Introduction to Robotics
~Introduction to Technology Fundamentals
Java Coding

Education

Educational Field Experience
~Introduction to Education
Teacher's Aid Program (TAP)

FCS

*Child Development
~Infant/Toddler Development

Fine Arts

Art I
Art II
Art III
Art IV
Guitar

High School Band
Concert Choir

Industrial Technology

CNC Manufacturing
Woodworking I
Woodworking II
Woodworking III
Woodworking IV

Language Arts

English I
English II
English III
English IV
*English Composition I
*English Composition II
Journalism I
Journalism II
Literature
Mass Media
Speech

Leadership

Leading Self
Career Essentials
Leading Others
College Readiness

Math

Algebra I
Algebra II
Applied Statistics
Business Math
College Algebra
Geometry
Math IV/Pre-Calc
Pre-Algebra

Physical Education

Individual Health & Fitness
Lifetime Sports
Physical Education & Health
Strength

Science

Anatomy & Physiology
Applied Science
Biology
~Body Structure & Function
Chemistry
General Science
~Medical Terminology
Physical Science
Physics

Social Sciences

American Government
American History
The Decades
~Microeconomics
~Introduction to Psychology
*United States History Since 1877
*United States History To 1877
World Geography
World History

World Language

Spanish I
Spanish II
Spanish III

Miscellaneous

Odysseyware/Edgenuity
Distance Learning:

Anticipated 2023-2024 Offerings

Child Development
College Composition I
College Composition II

Online Learning:

Anticipated 2023-2024 Offerings

Body Structure & Function
Business Law
Computer Science I
Infant/Toddler Development
Introduction to Business
Introduction to Education
Medical Terminology
Additional options available through
Nebraska Wesleyan Honors Program

GRADUATION REQUIREMENTS

Graduation Requirements for Bayard High School are the successful completion of 260 hours. Each class earns 5 hours per semester.

The total number of credits must include at least the number of hours listed in the following areas:

English—40 semester hours

Mathematics—30 semester hours

Science—30 semester hours

Social Science—30 semester hours

American History—10 semester hours required

American Government—10 semester hours required

Physical Education—10 semester hours

Personal Finance—5 semester hours

Community Service—8 hours Sophomore Year, 8 hours Junior Year, and 8 hours Senior Year

*Beginning with Class of 2027, 5 hours of Computer Science will also be required.

Preferred Sequence of Core and Technical Classes for Graduation Progress:

Freshman Year

English

*Math

Physical Science

World Geography/World History

PE/Health

Leadership I (Leading Self)

English III

American History

*Math

Science (Chemistry, General Science, or Applied Science)

~Personal Finance

Leadership III (Leading Others)

8 hours Community Service

Sophomore Year

English II

*Math

Biology

World Geography/World History

Leadership II (Career Essentials)

8 hours Community Service

Senior Year

English IV or College Composition

American Government

~Personal Finance

Leadership IV (College Readiness)

8 hours Community Service

Junior Year

*Math is required freshman, sophomore, and junior years. Students will be placed in the appropriate class as freshmen, then work their way through the sequence. The sequence is as follows:

Core: Pre-Algebra, Algebra I, Geometry, Algebra II, Upper Level Electives

Upper Level Electives: Math IV, Business Math, Applied Statistics, College Algebra
(Math Electives may be taken in any order.)

~Beginning with the Class of 2024, all students are required to have at least a semester of Personal Finance. Class of 2024 will be required to take it as seniors. Classes after that will be allowed to take it either as juniors or seniors.

BOARD POLICY ON EARLY GRADUATION

A student who has earned all required credits may graduate early. Students wishing to graduate early must inform Dr. Rice, in writing, no later than six months prior to their anticipated completion date, and meet with Mrs. Rafferty to develop a personal learning plan that meets the graduation requirements. Students who graduate early may choose to have their diplomas awarded at the time of completion or the student may participate in the spring commencement activities. More details are available in the student handbook.

GRADE LEVEL COURSES AND COURSE DESCRIPTIONS

Following will be found a list of courses for each grade level. Five semester hours are earned when an academic class meets for one semester. Required classes listed are necessary for graduation.

FRESHMAN COURSES

Required:

English I	PE/Health	World Geography/World History
Math (choose 1 listed below)	Physical Science	Leading Self (Leadership I)

Electives:

Agriculture

Introduction to Agriculture (Ag 9)

Computer Technology

^*Broadcasting*

Introduction to Computer Science

Fine Arts

Art I

Guitar

High School Band

Mixed Choir

Industrial Technology

Woodworking I

Miscellaneous

*Odysseyware/Edgenuity

Language Arts

^*Literature*

^*Journalism I*

Mass Media

Speech

Math Options (required to choose 1)

Pre-Algebra

Algebra

Geometry

World Language

Spanish I

^Because of the level of reading/writing or technology necessary for these courses, students must have permission of the instructor and/or principal to take these electives.

*Freshmen are encouraged to take in-person classes. However, in the event a schedule cannot be filled with in-person classes listed above, students may be granted permission to take an elective in either Odysseyware or Edgenuity.

SOPHOMORE COURSES

*DL Course—may change without notice

~Online class from WNCC

Required:

Biology
English II

Math (choose 1 listed below)
World History/World Geography

Career Essentials (Leadership II)
8 Hours of Community Service

Electives:

Agriculture

Plant & Soil Science (Ag 10)

Business

~Principles of Accounting I
~Principles of Accounting II

Computer Technology

^*Broadcasting*
^*Digital Design*
Introduction to Computer Science
Introduction to Python Coding
Introduction to Robotics
Java Coding

FCS

*Child Development

Fine Arts

Art I
Art II
Guitar
High School Band
Mixed Choir

Industrial Technology

CNC Manufacturing
Woodworking I
Woodworking II

Language Arts

^*Literature*
Journalism I
Journalism II
Mass Media
Speech

Math

Pre Algebra
Algebra I
Algebra II
Geometry

Physical Education

Individual Health & Fitness
PE & Health
Strength

World Language

Spanish I
Spanish II

Miscellaneous

Online Class from WNCC
Odysseyware/Edgenuity

^Because of the level of reading/writing necessary for these courses, students must have permission of the instructor and/or principal to take these electives.

Sophomores wanting to take dual-credit, online or DL classes from WNCC must have the permission of Mrs. Rafferty or Dr. Rice, AND may have to qualify on the ACCUPLACER test. Possible classes may include:

Introduction to Education

Business Law

Introduction to Computer Science

General Economics

Infant/Toddler Development

Introduction to Business

Introduction to Psychology

Introduction to Robotics

Principles of Accounting I

Principles of Accounting II

Other courses may be available through WNCC upon request.

JUNIOR COURSES

*DL Class—may change without notice

~Online Class from WNCC—may change without notice

Required:

American History
English III

Math (choose 1 listed)
Science (choose 1 listed)

Leading Others (Leadership III)
8 hours of Community Service

Electives:

Agriculture

Animal Science (Ag 11)

Business

~Principles of Accounting I
~Principles of Accounting II
~Business Law
~Introduction to Business
Personal Finance

Career & Technical Education

Work Based Learning

Computer Technology

Broadcast Technology
Digital Design
Intro to Computer Science
Introduction to Python Coding
Intro to Robotics
Java Coding

Education

Educational Field Experience
*Introduction to Education
Teacher's Aid Program (TAP)

FCS

*Child Development
~Infant/Toddler Development

Fine Arts

Art I
Art II
Art III
Guitar
High School Band
Mixed Choir

Industrial Technology

CNC Manufacturing
Woodworking I
Woodworking II
Woodworking III

Language Arts

Journalism I
Journalism II
Literature
Mass Media
Speech

Math

Algebra II
Applied Statistics
Business Math
College Algebra
Geometry
Math IV

Physical Education

Individual Health & Fitness
Lifetime Sports
Physical Education & Health
Strength

Science

Anatomy & Physiology
Applied Science
*Body Structure & Function
Chemistry
General Science
*Medical Terminology

Social Science

The Decades
~General Economics
~Introduction to Psychology
*United States History To 1877
*United States History Since 1877

World Language

Spanish I
Spanish II
Spanish III

Miscellaneous

Online course from WNCC
Odysseyware/Edgenuity
Online course from Nebraska
Wesleyan Honors Program

Juniors wanting to take dual-credit, online or DL classes from WNCC must have the permission of Mrs. Rafferty or Dr. Rice, AND may have to qualify on the ACCUPLACER test. Possible classes may include:

Introduction to Education
Business Law
Infant/Toddler Development
Introduction to Business

Introduction to Robotics
Principles of Accounting I
Principles of Accounting II

Other courses may be available through WNCC upon request.

SENIOR COURSES

*DL Course—May change without notice

~Online Course from WNCC—May change without notice

Required:

English IV or English Composition I & II
American Government
Personal Finance

College Readiness (Leadership IV)
8 Hours Community Service

Electives:

Agriculture

Ag Business Management (Ag 12)
Power, Structural, and Technical
Foundations

Business

~Principles of Accounting I
~Principles of Accounting II
~Business Law
~Business Math
~Introduction to Business

Career & Technical Education

Work Based Learning

Computer Technology

Broadcast Technology
Digital Design
Intro to Computer Science
Introduction to Python Coding
Intro to Robotics
Java Coding

Education

Educational Field Experience
*Introduction to Education
Teacher's Aid Program (TAP)

FCS

*Child Development

Fine Arts

Art I
Art II
Art III
Art IV
Guitar
High School Band
Mixed Choir

Industrial Technology

CNC Manufacturing
Woodworking I
Woodworking II
Woodworking III
Woodworking IV

Language Arts

Journalism I
Journalism II
Literature
Mass Media

Math

Algebra II
Applied Statistics
Business Math
College Algebra
Geometry
Math IV

Physical Education

Individual Health & Fitness
Lifetime Sports
Physical Education & Health
Strength

Science

Anatomy & Physiology
Applied Science
*Body Structure & Function
Chemistry
General Science
*Medical Terminology
Physics

Social Science

The Decades
~General Economics
~Introduction to Psychology
*United States History To 1877
*United States History Since 1877

World Language

Spanish I
Spanish II
Spanish III

Miscellaneous

Odysseyware/Edgenuity
Online course from WNCC
Online course from Nebraska
Wesleyan Honors Program

Seniors wanting to take dual-credit, online or DL classes from WNCC must have the permission of Mrs. Rafferty or Dr. Rice, AND may have to qualify on the ACCUPLACER test. Possible classes may include:

Introduction to Education
Business Law
Infant/Toddler Development
Introduction to Business

Introduction to Robotics
Principles of Accounting I
Principles of Accounting II

Other courses may be available
through WNCC upon request.

JUNIOR HIGH COURSES OFFERED

Language Arts

English 7
English 8
Reading

Math

Algebra I
Math 7
Math 8

Physical Education

JH PE

Science

Science 7
Science 8

Social Science

History 7 (World History)
History 8 (US History)

Exploratory Courses

Ag 8
Art 7
Art 8

Band

Careers 8
Choir
Health 7
Industrial Arts
Leadership
Life Skills 7
Media 8

7TH GRADE COURSES

Required:

English 7
*Math 7/Pre-Algebra
Science 7
History 7

~JH PE
Choir (1 semester)
Industrial Arts (1 semester)
Reading (1 quarter)

Leadership (1 quarter)
Life Skills/Health 7 (1 quarter)
Art 7 (1 quarter)

Electives:

JH Band

Study Skills

8TH GRADE COURSES

Required:

English 8
*Math 8/Alg. I
Science 8
History 8

~JH PE
Ag 8 (1 semester)
Media 8 (1 quarter)
Careers 8 (1 quarter)

Art 8 (1 quarter)
Leadership (1 quarter)
Choir (1 semester)

Electives:

JH Band

Study Skills

*Students will be placed in math at the appropriate level based on NSCAS scores and teacher recommendation. Qualified students may take Alg. I in junior high for high school credit.

~JH sports practices are held during JH PE time. Students who go out for sports will receive a grade from their coach as their PE grade. Sports available are: football, volleyball, wrestling, basketball, track. JH students may also do cross country, but will practice outside of school hours with the cross country team. Cross country will not take the place of JH PE.

JH students who do not take band will have a study skills class during that time.

HIGH SCHOOL COURSE DESCRIPTIONS

AGRICULTURE & MECHANICAL

ANIMAL SCIENCE

Prerequisites: Intro to Ag; Junior standing

Description: Roughly 75% classroom, 25% shop. Classroom covers domestication, digestive systems, reproductive systems, balancing rations and general animal agriculture. Shop covers basics of automotive servicing (tires, oil & brakes).

Membership in FFA is required.

AG BUSINESS MANAGEMENT

Prerequisites: Introduction to Ag; Senior standing

Description: Roughly 75% classroom, 25% shop. Classroom covers topics in Ag management, such as Ag law, Ag measurement, Ag marketing, understanding Ag business, cash flow, balance sheets, understanding the Farm Bill and understanding USDA programs. Shop is independent project work.

Membership in FFA is required.

INTRODUCTION TO AGRICULTURE

Prerequisites: None

Description: Roughly 50% classroom, 50% shop. Classroom covers the FFA program and introduction to Ag topics. Shop covers safety and intro to arc welding, mig welding, and the Torch-Mate plasma cutter. There will be a class project, such as picnic tables. **Membership in FFA is required. The student is also responsible to purchase FFA official dress (FFA jacket, black skirt/pants, white collared shirt, black footwear and an FFA tie/scarf), as well as protective clothing for welding.**

PLANT & SOIL SCIENCE

Prerequisites: Introduction to Agriculture; Sophomore standing

Description: Roughly 50% classroom, 50% shop. Classroom covers irrigation, soil properties, soil origin, plant properties, fertility, soil testing, crop practices and introduction to Agronomy.

Participation in the district landjudging contest is required. Students will also work in the school greenhouse to learn basic greenhouse procedures and practices, as well as participate in the spring sale. Shop covers more advanced arc welding and mig welding, intro to oxy-fuel and possibly tig welding. Projects are allowed if all requirements are met in a timely manner. **Membership in FFA is required, as well as protective clothing for welding.**

POWER, STRUCTURE, AND TECHNICAL FOUNDATIONS

Prerequisites: Senior standing

Description: Roughly 25% classroom, 75% shop. This course introduces selected major areas of agricultural mechanics technology including small engine operation and repair, metal fabrication, woodworking, and electrical wiring. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. **Membership in FFA is required.**

****This class is structured to be taken as a block (2 period) course. Students must sign up for both periods. Limited to 8 students.**

BUSINESS

PRINCIPLES OF ACCOUNTING I

Prerequisite: None

Description: *Online class.* This course is designed to provide introductory knowledge of financial accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal control, inventories, fixed and intangible assets, liabilities, equity, and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business. ***Students must pay for this college credit class.**

PRINCIPLES OF ACCOUNTING II

Prerequisite: Principles of Accounting I

Description: *Online class.* This course is a continuation of Principles of Accounting I. The course covers cost relationship, statement analysis, and other accounting techniques used for management purposes and decision making. ***Students must pay for this college credit class.**

BUSINESS LAW

Prerequisites: Junior or Senior standing

Description: *Online class.* This course is designed to be of practical value regardless of the subsequent occupation of the student. The course covers social forces and the law, classes and sources of law, agencies for enforcement, and court procedure. The entire area of contracts—offer, acceptance, consideration, illegality, interpretation, transfer of rights, discharge, and breach of contract—is discussed. *** Student must pay for this college-credit course.**

INTRODUCTION TO BUSINESS

Prerequisites: Junior or Senior standing

Description: *Online class.* This course offers an introductory study and overview of the role of business in society as well as a discussion of the various disciplines of business including an overview of business organization, management, marketing, human resource management, and finance. Also a study and discussion of various strategies for success of specific public and private firms as well as small business. Business vocabulary is used to understand, analyze, and interpret business news and information. *** Student must pay for this college-credit course.**

PERSONAL FINANCE

Prerequisites: None

Description: Course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, saving and investing. We will also take a look at budgeting, buying a vehicle, buying or renting a home, and comparative shopping. This course will provide a foundational understanding for making informed personal financial decisions.

CAREER & TECHNICAL EDUCATION

WORK BASED LEARNING

Prerequisite: Junior or senior standing; On track to graduate

Description: A class that provides students the opportunity to connect what they learn in school with worksite application. Students are placed in an occupation that best relates to their career interest and

aptitude. The school and business community work together to plan activities that will enable each student to apply the knowledge, attitudes and skills learned in the classroom to actual business situations and positions. Students must be on track to graduate.

COMPUTER TECHNOLOGY

BROADCAST TECHNOLOGY

Prerequisite: None

Description: Students will use the skills developed to create several broadcasting products. This will include informative videos/films, school announcements, advertisements, and live broadcasts. Topics covered may include, but are not limited to: history of mass media, terminology, safety, basic equipment, script writing, production and programming, lighting, recording and editing, and professional ethics. Students will use multiple programs including Wirecast, Photoshop, and iMovie. Students will be responsible to help with live-streaming of school activities during this course. ***Due to the level of technology knowledge necessary for this class, students may be asked to complete a technology skills assessment and must have permission from the instructor and/or the principal.**

DIGITAL MEDIA

Prerequisite: Passing grade on 8th grade computers or Intro to Technology Fundamentals

Description: Upper level course on the components of digital design. ***Due to the level of technology knowledge necessary for this class, students may be asked to complete a technology skills assessment and must have permission from the instructor and/or the principal.**

INTRODUCTION TO COMPUTER SCIENCE

Prerequisites: None

Description: The course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity, and how computing impacts our world. Students will develop the computational thinking skills needed to fully exploit the power of digital technology and help build a strong foundation in core programming and problem-solving.

INTRODUCTION TO COMPUTER SCIENCE (WNCC)

Prerequisites: None

Description: *Online class.* This course is a study of computer programming, problem solving methods, and accepted software development practices using Java, a high-level programming language. Topics include the fundamentals of Java procedural and object oriented programming and the introduction of some advanced features of Java. ***Students must pay for this dual-credit class.**

INTRODUCTION TO PYTHON CODING

Prerequisite: Algebra I

Description: An interactive introductory course for students brand new to programming that teaches the foundations of computer science using the Python language. This course will teach students how to think computationally and solve complex problems, skills that are important for every student.

INTRODUCTION TO ROBOTICS

Prerequisites: Completion of Introduction to Computer Science

Description: This course helps students utilize off the shelf robotic kits to design, build, and program robots to interact with the real world. The course teaches the student how mechanical, electronic, and software components interact within a mechatronic system. No previous experience is required,

though INFO-1210, INFO-1360, or previous programming experience is recommended. ***Students must pay for this dual-credit class.**

JAVA CODING

Prerequisite: Year long, prior coding experience recommended

Description: Students will learn to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering. AP Computer Science A teaches object-oriented programming using the Java language and is meant to be the equivalent of a first semester, college-level course in computer science. It will emphasize problem solving and algorithm development, and use hands-on experiences and examples so that students can apply programming tools and solve complex problems.

EDUCATION

EDUCATION FIELD EXPERIENCE

Prerequisite: Junior or Senior Standing; Enrolled in TAP

Description: Students will be afforded the opportunity to be involved in a classroom setting and are expected to meet the expectations of the cooperating teacher while also professionally interacting with students. Our expectation is that students are allowed to engage in meaningful instructional opportunities, e.g., supporting small group work/conversations, leading a review. **It is also very important that you are dependable to be present when expected and engaged.** If your field experience requires you to join via Zoom, you should engage in professional dress and behavior. Students will complete and document **at least 45 hours** over the course of the semester. It is anticipated that the hours are completed throughout the entire semester.

***This course is offered for college-credit through Nebraska Wesleyan University. Students must pay for this course. It will be scheduled for the same period as TAP.**

INTRODUCTION TO EDUCATION

Prerequisite: Junior or senior standing; Must qualify on the ACCUPLACER

Description: *Online course.* This course provides an overview of education in the United States viewed in terms of history, philosophy, finance, and governance. It is designed to encourage critical thought regarding the role of education in a multicultural society, the role of the teacher, and educational practices in schools. The course is designed to help students explore education as a prospective career. ***Students must pay for this dual-credit class.**

TEACHER'S AID PROGRAM

Prerequisite: Junior or senior standing, permission of principal and supervising teacher

Description: This course provides students with volunteer experience related to education. Goals are cooperatively set by students and supervising teacher so that students increase their understanding about the roles and responsibilities of a teacher. Opportunities may include experiencing teaching in a controlled setting by designing learning experiences and giving presentations. Classroom instruction could include questioning, developing objectives, safety practices, and technology applications. Teacher's aids are generally not allowed in high school level classes. Students must complete the Title I modules on Project Para prior to being placed in the classroom, unless exempted by the principal and/or counselor.

FAMILY CONSUMER SCIENCE (FCS)

CHILD DEVELOPMENT

Prerequisite: None

Description: *Distance Learning course.* The course focuses on how to meet children's developmental needs in each stage of growth. Study centers on physical, intellectual, and social-emotional development from the prenatal stage through the school-age years. Observation and participation with young children may be a practical learning experience for students in this course.

INFANT/TODDLER DEVELOPMENT

Prerequisite: Junior or senior standing; must qualify on the ACCUPLACER

Description: *Online course.* This course focuses on prenatal development through three years of age. Planning developmentally appropriate curriculum to include all domains of the child—physical, cognitive, emotional, and social—is examined. ***Students must pay for this dual-credit class.**

FINE ARTS

ART I

Prerequisites: None

Description: Students, regardless of ability or experience, are introduced to the elements and principles of art. They will develop a variety of skills and techniques in regards to drawing, painting, clay, etc. Progress will be demonstrated over time through a sketchbook and a portfolio while students learn to develop their personal artistic style.

ART II

Prerequisites: Art I (must have passed)

Description: Art II is an intermediate level course where students will use the foundation of Art I to develop a greater depth of understanding of art. Students will apply their knowledge of elements and principles of art into a variety of media. Progress will be demonstrated over time through a sketchbook and a portfolio while students hone their personal artistic style.

ART III

Prerequisites: Art II (must have passed with a C or better)

Description: Art III is an advanced level course that is geared toward the more serious Art student. It will be a more individualized course that will require a greater sense of independence, as well as an increased knowledge of media and techniques. Progress will continue to be demonstrated over time through a sketchbook and portfolio that reflects the personal style of the artist.

ART IV

Prerequisites: Art III (must have passed with a C or better)

Description: Art IV is designed to help students perfect their artistic talent while building a portfolio. It is an individualized course that will require independence and a large knowledge base of media and techniques. Progress will be demonstrated over time through a portfolio that can be used for college applications and/or professional use.

GUITAR

Prerequisites: None

Description: Introductory course to guitar skills, music, and composition. Students will learn to play chords, melodies, strum patterns, finger pick patterns, tablature, note reading, improvisation, and ensemble performance. This class will use the Consonus Music Institute blended guitar curriculum that incorporates student workbooks as well as online resources. The curriculum also is multi-leveled so it is appropriate for more experienced guitar players. Various music genres will be explored from folk to rock and country to classical and jazz. Students will also learn to compose music for guitar and play accompaniment by ear. Guitar ensembles will perform in high school music concerts and other events.
Fees may apply.*Limited to 10 students

HIGH SCHOOL BAND

Prerequisites: Previous participation in band and/or lessons, director approval. Students must be at an appropriate skill level to be in high school band.

Description: Students in band continue to develop their instrument playing abilities, increase their knowledge of music terminology and learn about different styles of music. Students in band represent the school at civil activities and school activities, including games, parades, contests and festivals. Students have the opportunity to perform solos and in small groups. Band demands a reasonable amount of practice, discipline, good health, character and responsibility.

CONCERT CHOIR

Prerequisite: None

Description: The high school choir teaches proper vocal techniques, sight singing, responsibility to self and team, and work ethic. Musicians will have the opportunity to prepare and perform a variety of different choral music genres and showcase their achievements through various projects through out the year. After school attendance at specified performances is mandatory. The first semester is spent in preparation for WTC Honor Choir, High Plains Honor Choir, All-State Choir and a Christmas concert. The spring season is climaxed with the MAC Music Contest, District Music Contest and spring concert.

INDUSTRIAL TECHNOLOGY

CNC MANUFACTURING

Prerequisite: Sophomore standing or above and Woodworking I

Description: The goal of this class is to help students set up a business and website through which they will receive orders to manufacture gifts, plaques, etc. ***Limited to 8 students.**

WOODWORKING I

Prerequisite: None

Description: Beginning course for planning projects, building projects, and the use and care of tools.

WOODWORKING II

Prerequisite: Woodworking I

Description: An advanced course in woodworking. A continuation in developing skills and concepts learned in Woodworking I.

WOODWORKING III

Prerequisite: Woodworking II

Description: An advanced course in woodworking. A continuation in developing skills and concepts learned in Woodworking II. More advanced projects are expected.

WOODWORKING IV

Prerequisite: Woodworking III

Description: More advanced course in woodworking. Students will continue to develop skills and concepts learned in Woodworking III. More advanced projects are expected.

LANGUAGE ARTS

ENGLISH I

Prerequisite: None

Description: This course covers reading, writing, spelling, vocabulary, speech, and grammar. Reading covers numerous literary pieces, including short stories, novels, poetry, and nonfiction pieces. The composition portion focuses on narrative, informative, descriptive, and persuasive writing. An emphasis on formal, academic writing dominates the writing portion. Grammar and spelling lessons will be integrated within the writing process. Speaking and listening skills will be practiced during academic conversations and oral presentations.

ENGLISH II

Prerequisite: English I

Description: This course consists of reading various World Literature pieces, including, but not limited to, novels, short stories, nonfiction, and poetry. Cultural diversity and awareness will be a focal point in the texts. The course will also include a composition portion that focuses on literary analysis, informative, narrative, and argumentative writing. An emphasis on formal, academic writing will permeate the writing portion of the class. Grammar and spelling lessons will be integrated within the writing process.

ENGLISH III

Prerequisite: English I and II

Description: American Literature engages students in a close reading of influential and representative works of American fiction and non-fiction. This class will provide students the opportunity to expand and polish reading, writing, research, technology, listening, viewing, and speaking skills while studying a variety of genres. Active reading strategies process writing, and higher order/critical thinking skills will be utilized to analyze and interpret reading selections from specific time periods. Students will connect to their own lives while demonstrating proficiency of writing process. Along with regular reading and discussion, the course includes an extensive unit on writing a great college quality paper, and also one on writing scholarship essays. Students will demonstrate effective use of technology through a variety of presentations formats.

ENGLISH IV

Prerequisite: English I, II and III

Description: British Literature will provide students the opportunity to expand and polish reading, writing, research, technology, listening, viewing, and speaking skills while studying a variety of genres. Active reading strategies, process writing, and higher order/critical thinking skills will be utilized to analyze and interpret reading selections from specific time periods. Students will examine how narrative structure, stylistic devices such as figurative language and symbolism, setting, and character development contribute to thematic ideas. Reading assignments are selected from a variety of

historical periods and cultures, with a strong emphasis on poetry, drama, and fictional prose. Writing experiences include responses to poetry and prose passages, in-and out-of-class essays, and a personal essay. Students will connect to their own lives while demonstrating proficiency of writing process through narrative, reflective, descriptive, persuasive literary analysis, and research writing. Students will demonstrate effective use of technology through a variety of presentations formats.

ENGLISH COMPOSITION I

Prerequisite: English I, II, and III; Must qualify on ACCUPLACER or by ACT score

Description: Dual credit class (high school English requirement & 3 hours college credit). This course offers instruction and practice in the techniques of good writing, correlated with the reading and analysis of various types of factual literature. ***Student must pay for this dual-credit course.**

ENGLISH COMPOSITION II

Prerequisite: English Comp. I; Must qualify on ACCUPLACER or by ACT

Description: Dual credit class (high school English requirement & 3 hours college credit). A continuation of Composition I. This course offers further practice in good writing based on the reading and critical analysis of literature as genre (such as short story, poetry, drama and novel). In addition, the course presents library research techniques and other skills needed for writing research papers. A formal research paper is required. ***Student must pay for this dual-credit course.**

JOURNALISM I

Prerequisite: None

Description: 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 basics of production design, layout, and printing of publications such as school newspapers and yearbooks. *** Because of the level of reading/writing necessary for this class, freshmen and sophomores must have permission from the instructor and/or the principal and have an average of a C or better in previous English classes.**

JOURNALISM II

Prerequisite: Successful completion of Journalism I

Description: This course provides students practice in advanced journalistic techniques and involves them in the formation and/or management of the production team. This course may include the production of a school newspaper, yearbook, or literary magazine and may include elements of photography, photojournalism, and exploration of opportunities for careers in journalism.

LITERATURE

Prerequisite: None

Description: The focus of the literature class is examining elements of literature and gaining an understanding of story elements in contemporary and classic text. The majority of the class is student lead, with students presenting topics and questions for each story to use in class discussion. ***Because of the level of reading/writing necessary for this class, freshmen & sophomores must have permission from the instructor and/or the principal.**

MASS MEDIA

Prerequisite: None

Description: Introduction to the public arts and the individual in broadcasting, journalism (news, sports, and feature writing) and advertising. Enables students to identify and analyze messages and

images to which they are exposed as consumers of goods and services and as recipients of information from various sources, including print and electronic.

SPEECH

Prerequisite: None

Description: Students will be introduced to a variety of speech and communication activities for the 21st Century. Student will be expected to participate in various assigned projects including creating and delivering speeches. Speaking in front of others will be emphasized throughout the course.

LEADERSHIP

LEADING SELF (LEADERSHIP I)

Prerequisite: None

Description: This course is based on the Franklin Covey 7 Habits of Highly Effective Teens book and is the basis of the Leadership curriculum. Student will learn the 7 Habits: Be Proactive, Begin With the End in Mind, Put First Things First, Think Win-Win, Seek First to Understand, Synergize, and Sharpen the Saw.

CAREER ESSENTIALS (LEADERSHIP II)

Prerequisite: None

Description: This course continues the habits learned in Leading Self. Students will focus on career essentials including: Interview Skills, Presentation Skills, Listening Skills, Using Feedback, Emotional Control, Resume Writing, Digital Etiquette, Creativity, and Conversations.

LEADING OTHERS (LEADERSHIP III)

Prerequisite: None

Description: This course focuses the Covey Habits on leading others. Modules include: 4 Roles of Leadership, Leading Projects, Mentoring 1-to-1, Group Dynamics, Meeting Management, Group Decisions, Leading Families, Coaching, and Leading Work Teams.

COLLEGE READINESS (LEADERSHIP IV)

Prerequisite: None

Description: This course is the capstone of the Covey Habits curriculum. Modules include: 4 Disciplines, College Test Prep, Prep for College/Life, Study Skills, Weekly Planning, Financial Literacy, Away From Home, Roommates, Taxes, Community Involvement, and Health & Fitness. Completion of this course will provide the student with the information and skills necessary to transition into the adult world.

MATH

ALGEBRA I

Prerequisite: None

Description: Algebra is a course in the study of mathematics involving operations on sets of numbers represented by symbols. Algebra I will use the generalization of mathematics in which it uses symbols to solve for the unknown using the known elements. This beginning level course will develop confidence and ability in using variables and functions to represent numerical patterns and quantitative relations. Absolute value, inequalities and quadratic functions will also be introduced. Deductive reasoning will be integrated into the study of Algebra.

ALGEBRA II

Prerequisite: Algebra I, Geometry

Description: This class is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as systems of equation, advanced polynomials, imaginary and complex numbers, and quadratics. It also introduces matrices and their properties. The content of this course is important for students' success on both the ACT and college mathematics entrance exams.

APPLIED STATISTICS

Prerequisite: Must qualify on the ACCUPLACER or ACT; instructor permission required

Description: Applied Statistics is a semester long offering that is a standard applied statistics course that applies to a wide variety of academic disciplines; e.g., medicine, biology, engineering, business, psychology, etc. Topics to be covered include descriptive statistics, probability, distribution theory, confidence intervals, test of hypothesis, Chi-squared test, and linear correlation and regression. The course utilizes a robust software page, for selected problems. ***Student must pay for this dual-credit course.**

BUSINESS MATH

Prerequisite: None

Description: This course focuses on mathematical functions using whole numbers, fractions, decimals, and percents that are required to function in today's business world as well as to handle personal finance. The ability to estimate and approximate answers in solving financial problems will be emphasized. Students will work with computer spreadsheets and learn to create and interpret graphic representations of numerical data. Business topics that will be covered include interest rates, job costing, merchandising, payroll, credit, taxes, insurance, and global business.

COLLEGE ALGEBRA

Prerequisite: Must qualify on the ACCUPLACER or ACT; instructor permission required

Description: This semester long course is a preparation for trigonometry and calculus. Topics included are: graphs, functions, equations and inequalities, polynomial and rational functions, and exponential and logarithmic functions, systems of equations and inequalities, and selected discrete mathematical topics. ***Student must pay for this dual-credit course.**

GEOMETRY

Prerequisite: Algebra I

Description: This class will consist of basics of geometry, inductive and deductive reasoning, proofs, plane figures, parallel and perpendicular lines in congruent and similar figures, transformations, trigonometry, area and volume, circles, arcs, and angles by description and construction.

MATH IV/PRE-CALCULUS

Prerequisite: Successful completion of Algebra I, II and Geometry

Description: This course is an extension on Algebra II with the emphasis in trigonometry, limits, and introductory calculus topics. All major areas covered in Algebra II are reinforced at a greater depth with additional applications aided by the use of calculators and computers.

PRE-ALGEBRA

Prerequisite: None

Description: Pre-Algebra involves addition, subtraction, multiplication, and division of integers and rational numbers. Other topics covered include; solving of simple equations by properties of equality, strategies of solving word problems and solving linear equations by addition, subtraction, and substitution.

PHYSICAL EDUCATION

INDIVIDUAL HEALTH AND FITNESS

Prerequisite: None

Description: The study of achieving lifetime fitness and the advantages of weight lifting. Students will set individual goals and work to achieve them.

LIFETIME SPORTS

Prerequisite: Junior or Senior standing

Description: Deals with all types of sports that can be played after graduating from school. Some of the sports that may be played are pickleball, golf, badminton, ping-pong, bowling, kickball, whiffle ball, and dodgeball. Rules and regulations will be taught as well as techniques to play the game.

PHYSICAL EDUCATION AND HEALTH

Prerequisite: None

Description: The emphasis is not so much on exercise for the sake of exercise as it is on having the student acquire skills and understanding that will stay with him/her as a permanent part of his/her life interests. To name a few: basketball, volleyball, badminton, weightlifting, soccer, and kickball.

STRENGTH

Prerequisite: None

Description: Will learn the proper techniques and forms for weight lifting using all of the muscle groups. Students will set individual goals and work to achieve them.

SCIENCE

ANATOMY & PHYSIOLOGY

Prerequisite: Junior standing or above

Description: This course is for those interested in science or health-related fields. Anatomy and physiology is a study of the human body. The study will range from cells, body system (organs, skeletal, muscular, etc.), and processes. Related career opportunities, such as athletic training, physical therapy, and personal training may also be discussed. Dissection of various animals and animal organs may occur to complement course work. This course is designed for college preparation, especially for biology and health career majors.

APPLIED SCIENCE

Prerequisite: Physical Science and Biology; Junior standing or above

Description: A discipline dealing with applying scientific knowledge to practical problems, and explanation of our world. This class will stress problem solving, critical thinking, and hands-on science.

BIOLOGY

Prerequisite: Sophomore standing or above

Description: Study of living things from unicellular organisms (virus, bacteria) to multi-cellular organisms (man). Covers the science of life and the Biological Principles that govern our ecosystem.

BODY STRUCTURE & FUNCTION

Prerequisite: Junior standing or above; Must qualify on the ACCUPLACER test

Description: This course is planned to give the practical nursing student a working knowledge of body structure and function from the cell to the body systems. (Description per the WNCC course catalog). Class will meet four days a week. Students will be TAP students during their non-class day unless other arrangements are made with the principal. ***Student must pay for this dual-credit course.**

CHEMISTRY

Prerequisite: Algebra II (may be taken concurrently.) Junior standing or above.

Description: Elementary concepts of Chemical Laws and practical applications thereof (lab). Types of solutions and calculations of their concentrations, including ion concentration, pH, percent solution, molarity, and other approaches dealing with formula-based chemical problem solving.

GENERAL SCIENCE

Prerequisite: Physical Science and Biology. Junior standing or above.

Description: A course emphasizing the general principles of the three main divisions of science: Physical Science, Life Science and Earth Science. The course will consist of a student-guided curriculum on a contractual basis with the instructor. Students have the element of control over the time, place, pace, and path of their learning. Totally student guided study.

MEDICAL TERMINOLOGY

Prerequisite: Junior or Senior standing

Description: This course gives the student a basic knowledge of medical terms used in the health profession. The format presents terminology within the context of root words and use of prefixes and suffixes. It is designed to stimulate the student thinking process including proper use and pronunciation of medical terms. (Description per the WNCC course catalog). ***Student must pay for this dual-credit course.**

PHYSICAL SCIENCE

Prerequisite: None

Description: A study of the relationship between matter and energy, the forms it takes in nature, and how it can be changed from one form into another. Identify and use these relationships in real world applications. Specific areas to be covered are: Physic basics and Chemistry basics includes but is not limited to: energy and motion, the nature of matter, electricity, energy resources, earth and space, and biological processes.

PHYSICS

Prerequisite: Algebra I and II, Senior standing, or by permission from instructor.

Description: A study of the relationship between matter and energy, the forms it takes, and how it can be changed from one form to another. Specific areas to be covered are as follows: matter, energy, motion, force, thermal effects, nature of light, sound.

SOCIAL SCIENCES

AMERICAN GOVERNMENT

Prerequisite: Senior or Junior planning to graduate early

Description: This course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. The course examines how people govern themselves at the national, state and local level. Students will take the U.S. Citizenship Test to satisfy the requirements of State Statute 79-724.

AMERICAN HISTORY

Prerequisite: Junior

Description: The course covers the history of the United States beginning with the Gilded Age to the present. Students should be able to ask historical inquiry questions, gather and analyze evidence in order to defend and communicate conclusions.

THE DECADES (1930s-TODAY)

Prerequisite: Junior or Senior standing

Description: Special topics of “the decades” that explore the landmark eras of cultural, economical, political, and technological changes from the 1930s-today, infusing new relevance to the cultural touchstones that influence the world.

GENERAL ECONOMICS

Prerequisite: None

Description: *Online course.* This course is a survey of the major economic issues of today for students not majoring in law, economics, or business administration. Economic policy, problems, and institutions are stressed. ***Student must pay for this college-credit course.**

INTRODUCTION TO PSYCHOLOGY

Prerequisite: Junior or senior standing; Must qualify on the ACCUPLACER

Description: *Online course.* This course is an introduction to the science of behavior and mental processes 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.

***Student must pay for this dual-credit or college-credit course.**

UNITED STATES HISTORY SINCE 1877

Prerequisite: Junior or Senior standing. Must qualify on the ACCUPLACER

Description: *Online course.* This course is a survey of the political, economic, and social history of the United States since the Reconstruction following the Civil War. ***Student must pay for this dual-credit course.**

UNITED STATES HISTORY TO 1877

Prerequisite: Junior or Senior standing. Must qualify on the ACCUPLACER

Description: *Online course.* This course is a survey of American history from the Age of Discovery through the Civil War and Reconstruction. Emphasis is on the political, economic, cultural, social, and

technological issues that arise in the development of the American nation. ***Student must pay for this dual-credit course.**

WORLD GEOGRAPHY

Prerequisite: Freshman

Description: The course utilizes a spatial perspective to study the planet's human and physical features. The course utilizes a systems approach and helps students become skilled at geo-spatial technologies which are used to address modern day problems. Students should be able to ask geographic inquiry questions, gather and analyze evidence in order to defend and communicate conclusions.

WORLD HISTORY

Prerequisite: None

Description: An understanding of the changing world in which we live. Students must gain some understanding of people all over the world; their aspirations, their problems, the patterns of culture in which they live—in general, what “makes them tick.”

WORLD LANGUAGE

SPANISH I

Prerequisite: None

Description: The course deals with learning basic vocabulary, grammar and cultural concepts, and being able to write and converse at the novice level.

SPANISH II

Prerequisite: Spanish I

Description: After a brief review of the concepts, grammar, and vocabulary learned in Spanish I, students will enhance their abilities and understanding to be able to write and converse at an advanced novice level.

SPANISH III

Prerequisite: Spanish II

Description: Students will continue to enhance their abilities and understanding to be able to write and converse at an advanced level.

MISCELLANEOUS

EDGENUITY (CREDIT RECOVERY)

Prerequisite: Assigned by the counselor or principal.

Description: Online credit-recovery. Used to replace credits lost by failing a course or having too many absences.

EDGENUITY (ELECTIVE)

Prerequisite: None

Description: See Mrs. Rafferty for a list of elective courses. Courses are usually semester based and must be completed within the semester. Year-long courses must be 50% complete by the end of 1st semester.

ODYSSEYWARE (CREDIT RECOVERY)

Prerequisite: Assigned by the counselor or principal.

Description: Online credit-recovery. Used to replace credits lost by failing a course or having too many absences.

ODYSSEYWARE (ELECTIVE)

Prerequisite: None

Description: See Mrs. Rafferty for a list of elective courses on Odysseyware. Courses are usually semester based and must be completed within the semester. Year-long courses must be 50% complete by the end of 1st semester.

NEBRASKA WESLEYAN HONORS ACADEMY COURSES

Prerequisite: Varies by class

Description: Course offerings vary. 2021-2022 courses include Art History, Basic Design, Drawing, Perspectives in Biological Sciences, Principles of Accounting I and II, Macroeconomics, Microeconomics, Personal Finance, Chemistry Principles, Fundamentals of Communication, Introduction to Communications, English Language and Writing, English Composition and Literature, Physical Geography, Cultural Geography, US History to 1877, US History Since 1877, World Civilizations, World Civilizations Through Literature, Statistics, Calculus I and II, French, German, Japanese, Spanish, Music Theory, Principles of Physics I and II, Government and Politics, Intro to Psych, World Religions, and Religion, Peace, and Social Justice. ***Student must pay for these college-credit courses.**

DISTANCE LEARNING

Prerequisite: Varies by class

Description: On-line satellite classes offered that are determined by the amount of interest from the students. Availability each year depends on whether the course fits in our schedule and if we are accepted by the home site. Not every DL class is offered every year. Please double check with the principal or counselor for prospective availability before planning to take a class.

ONLINE LEARNING (THROUGH WNCC)

Prerequisite: Varies by course

Description: Online classes through WNCC generally do not qualify for high school credit. Students interested in taking online classes during high school must have enough credits to be on track to graduate. See Mrs. Rafferty for a list of what is available. Classes are semester based. ***Student must pay for this dual-credit or college credit course.**

JUNIOR HIGH COURSE DESCRIPTIONS

AGRICULTURE

AGRICULTURE 8

Description: This middle school introductory course for the Agriculture, Food and Natural Resources Career Cluster provides a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. ***Membership in FFA is optional.**

CAREER & TECHNICAL EDUCATION

CAREERS 8

Description: This is a project-based course designed to help middle school students explore career options using the Nebraska Career Education Model and understand the Nebraska Career Readiness Standards. Students will define career clusters and pathways, describe examples of career readiness, utilize self-assessments to better understand interests, establish a career portfolio and create a personal learning plan to provide direction to high school and post-high school activities.

LIFE SKILLS 7

Description: Students will utilize Second Step Social Skills Curriculum, 8 to Great (a program designed as pathways to personal success), various activities from the Nebraska Department of Education and instructor resources in pursuit of Career, Academic, Personal, and Social Success.

FINE ARTS

Art 7

Description: Students will focus on learning the Elements of art, how to identify and use them in a variety of art projects that explore the historical art masters such as: Marc Chagall, Paul Klee, Georges Seurat, Faith Ringgold, Paul Cezanne, Leonardo da Vinci, and Auguste Renoir.

Art 8

Description: Students will focus on learning how the principles of art utilize the elements of art in a variety of art projects that explore the historical art masters such as: Norman Rockwell, Andy Warhol, Henri Rousseau, Edward Hopper, Maria Martinez, Guztav Klimt, and Michelangelo Buonarroti.

JH Band

Prerequisite: Elementary Band or equivalent

Description: The study of instrumental music skills through group performance in larger ensembles of students such as concert, marching, and jazz band.

JH Choir

Description: The junior high school choir focuses on proper vocal techniques, sight singing, aural music skills, performance etiquette, responsibility to self and team, and work ethic. Singers will have the opportunity to prepare and perform a variety of different choral music genres and showcase their

achievements through various projects and performances throughout the year. After school attendance at specified performances is mandatory.

INDUSTRIAL TECHNOLOGY

INDUSTRIAL ARTS

Description: Students will be actively engaged as they enhance and refine the development of their motor skills. Students will build their confidence, pay attention to detail, and have the ability to follow plans. They will learn about shop organization, tools, safety, and project construction. Interest, imagination, and perseverance are the essential ingredients needed for this course. In return, the students feel pride, confidence, and achievement. Students will be tasked with the following activities: Balsa Wood model Bridge, Mousetrap powered vehicle, CO2 Dragster, and other basic wood Projects.

LANGUAGE ARTS

ENGLISH 7

Description: This course covers all the general elements of a language arts course, with an emphasis on composition. Texts read will include, but not be limited to, short stories, informational text, and poetry. The composition portion of this course will focus on introducing students to writing a variety of essays, such as literary analysis, argumentative, and narrative pieces.

ENGLISH 8

Description: This course covers instruction emphasizing skills in listening, speaking, reading, and writing, as well as literature encompassing a variety of periods and genres. Students will engage in novel studies, fiction/nonfiction close reads, poetry, grammar, oral language skills, literary and critical analysis.

READING 7

Description: This course consists of reading and understanding grade level texts. Students will become acquainted with reading more complex and longer texts. Students will read novels, poetry, and short stories; they will also perform tasks that demonstrate reading comprehension. Self-selected texts to read for enjoyment will additionally be a requirement of this course.

LEADERSHIP

JH LEADERSHIP

Description: This course consists of the 7 Habits of Highly Effective People by Franklin Covey. These habits include being proactive, beginning with the end in mind, putting first things first, thinking win-win, seeking first to understand, then be understood, synergizing, and sharpening the saw. JH leadership conducts assignments that deal with understanding situations and how to act in them. Students learn about compromising and understanding.

MATH

ALGEBRA I

Prerequisites: Must have a 251 RIT score on the 7th Grade NSCAS math test, and/or meet the average grade requirement.

Description: Algebra is a course in the study of mathematics involving operations on sets of numbers represented by symbols. Algebra I will use the generalization of mathematics in which it uses symbols to solve for the unknown using the known elements. This beginning level course will develop confidence and ability in using variables and functions to represent numerical patterns and quantitative relations. Absolute value, inequalities and quadratic functions will also be introduced. Deductive reasoning will be integrated into the study of Algebra. **Junior high students will receive high school credit for this class.**

MATH 7

Description: This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

MATH 8

Description: This course provides experiences that include practice in numeration, computation, estimation, problem solving, geometry/special concepts and measurement. It introduces algebraic and statistical concepts and provides opportunities for students to develop understanding of the structure of mathematics.

PRE-ALGEBRA

Prerequisites: Must have a 224 RIT on the 6th Grade NSCAS Math test, and/or meet the average grade requirement.

Description: Pre-Algebra involved addition, subtraction, multiplication, and division of integers and rational numbers. Other topics include: solving of simple equations by properties of equality, strategies of solving world problems and solving linear equations by addition, subtraction, and substitution.

PHYSICAL EDUCATION

HEALTH 7

Description: The mission of health education is to motivate young people to maintain and improve their health, prevent disease, and avoid or reduce health-related risks behaviors. Course curriculum will be designed to meet the National Health Education Standards and the National Sexuality Education Standards, as both have been deemed by the State of Nebraska Department of Education as standards that schools need to address. Topics will include: Tobacco, Alcohol, and other drug prevention; Abstinence, Puberty, & Personal Health; HIV, STD, & Pregnancy Prevention.

JH PHYSICAL EDUCATION

Description: This course is designed to provide students with opportunities to apply tactics and strategies to modified game play, demonstrate fundamental motor skills in a variety of contexts, design and implement a health-enhancing fitness program, participate in self-selected physical activity, cooperate with and encourage classmates, accept individual differences and demonstrate inclusive behaviors, and engage in physical activity for enjoyment and self-expression.

SCIENCE

SCIENCE 7

Description: Students will be introduced to life science. Life science in 7th grade will include but not limited to ecosystems, biomes, genetic basics, cells, and the human body.

SCIENCE 8

Description: Students will be introduced to Earth and Space science. Earth and space science 8th grade will include but not limited to learning about the earth from the inside out to the furthest reach of our solar system. This will include Earth history, layers of the earth, atmosphere, weather, Big Bang theory, moon, stars and all other related to space.

SOCIAL SCIENCES

HISTORY 7

Description: This course takes students through different time periods in history. Focus starts with the Roman Empire and Europe during the Middle Ages; the course concludes with Europe entering the Modern Age. Throughout this course students will get a chance to study different cultures, religions, countries, societies, traditions/customs of different peoples. Students will be able to show their learning and understanding through a series of activities, lessons and assessments.

HISTORY 8

Description: This course covers the history of the United States from Reconstruction through present times. Emphasis will be placed on events that have a direct correlation to modern times, as well as review of foundational ideals of the American Government in preparation for the citizenship test in accordance with the American Civics initiative from the Nebraska Department of Education. The citizenship test will be a requirement of this class. Results will be shared with parents.

WORLD LANGUAGE

SPANISH 8

Description: This course gives students a positive language experience that will enhance their secondary school language learning and put them on the path to fluency. There is usually more emphasis on culture and learning vocabulary in context and little emphasis on grammatical components. Students develop skills in written and oral communication. Students study the aspects of the target culture, such as art, music, and daily life, and learn to compare their native culture with the culture of the target language. Exploratory courses do not qualify for high school credit.

