

BAYARD PUBLIC SCHOOLS

SECONDARY SCHOOL

COURSE HANDBOOK

2025-2026 SCHOOL TERM



MISSION STATEMENT

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

TABLE OF CONTENTS

Nondiscrimination in Education Policy	5
Grade Level Courses	
High School Courses Offered.....	6
Graduation Requirements	7
Board Policy on Early Graduation	8
Freshman Courses	8
Sophomore Courses.....	9
Junior Courses	10
Senior Courses.....	11
Junior High Courses Offered.....	12
High School Course Descriptions	
Agricultural & Mechanical	
Animal Science.....	13
Farm & Business Management	13
Introduction to Agriculture.....	13
Plant & Soil Science.....	13
Power, Structure, and Technical Foundations.....	13
Business	
Principles of Accounting I.....	14
Principles of Accounting II	14
Introduction to Business	14
Personal Finance.....	14
Career & Technical Education (CTE)	
Work Based Learning.....	14
Computer Technology	
Introduction to Computer Science	15
Education	
Educational Field Experience	15
Infant/Toddler Development	15
Introduction to Early Childhood Education	15
Introduction to Professional Education	15
Teacher's Aid Program (TAP)	15
Fine Arts	
Art I	16
Art II	16
Art III.....	16
Art IV.....	16
High School Band.....	16
Concert Choir	16
Photography.....	17
Health Sciences	
Anatomy & Physiology	17
Body Structures	17
Medical Terminology	17

Industrial Technology	
Construction Trades.....	17
Woodworking I	17
Woodworking II	18
Woodworking III.....	18
Woodworking IV.....	18
Language Arts	
English I.....	18
English II	18
English III.....	18
English IV.....	19
English Composition I.....	19
English Composition II.....	19
Journalism I	19
Journalism II.....	19
Literature	19
Public Speaking	20
Speech.....	20
Workplace Writing	20
Leadership	
Leading Self (Leadership I).....	20
Career Essentials (Leadership II)	20
Leading Others (Leadership III).....	20
College Readiness (Leadership IV).....	21
Math	
Algebra I.....	21
Algebra II.....	21
Applied Statistics.....	21
College Algebra.....	21
Geometry	21
Math IV/Pre-Calc	22
Pre-Algebra.....	22
Physical Education	
Advanced Strength Training.....	22
Introduction to Strength Training.....	22
Lifetime Sports	22
Physical Education & Health.....	22
Zero Hour Strength Training.....	22
Science	
Applied Science	23
Biology	23
Chemistry	23
General Science	23
Physical Science	23
Physics.....	23
Social Science	
American Government	23
American History	24

The Decades	24
General Economics.....	24
History of the American West.....	24
Psychology	24
Sociology	24
US History I.....	25
US History II	25
World Civilizations I	25
World Civilizations II.....	25
World Geography	25
World History	25
World Language	
Spanish I	25
Spanish II.....	26
Spanish III	26
Miscellaneous	
Edgenuity (Electives)	26
Odysseyware (Credit Recovery).....	26
Distance Learning.....	26
Anticipated 2025-2026 Offerings	
Spanish I (From Hemingford)	
Spanish II (From Hemingford)	
Spanish III (From Hemingford)	
Online Learning	26

Junior High Course Descriptions

Agriculture	
Agriculture 8.....	27
Fine Arts	
Art 7	27
JH Band	27
JH Choir.....	27
Industrial Technology	
Industrial Arts.....	27
Language Arts	
English 7	27
English 8	28
Novel Study	28
Math	
Algebra I.....	28
Math 7	28
Math 8	28
Math Interventions.....	28
Pre-Algebra.....	29
Personal Development	
Careers 8	29
Health 7	29

JH Leadership.....	29
Study Skills.....	29
Physical Education	
JH Physical Education.....	29
Science	
Science 7.....	30
Science 8.....	30
Social Studies	
History 7.....	30
History 8.....	30

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
~Introduction to Business
Personal Finance

Career & Technical Education

Work Based Learning

Computer Technology

Introduction to Computer Science

Education

Educational Field Experience
~Infant/Toddler Development
~Intro to Early Childhood Education
~Intro to Professional Education
Teacher's Aid Program (TAP)

Fine Arts

Art I
Art II
Art III
Art IV
High School Band
Concert Choir
Photography

Health Sciences

Anatomy & Physiology
~Body Structures & Functions
~Medical Terminology

Industrial Technology

Construction Trades
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
~Public Speaking
Speech
Workplace Writing

Leadership

Leading Self
Career Essentials
Leading Others
College Readiness

Math

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

Physical Education

Advanced Strength
Introduction to Strength
Lifetime Sports
Physical Education & Health

Zero Hour Strength

Science

Applied Science
Biology
Chemistry
General Science
Physical Science
Physics

Social Sciences

American Government
American History
The Decades
~General Economics
~History of the American West
~Psychology
~Sociology
~US History I
~US History II
~World Civilizations I
~World Civilizations II
World Geography
World History

World Language

*Spanish I
*Spanish II
*Spanish III

Miscellaneous

Edgenuity
Odysseyware
Distance Learning:

Anticipated 2025-2026 Offerings

Spanish I
Spanish II
Spanish III
Online Learning

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

Computer Science—5 semester hours (starting with Class of 2027)

FAFSA Completion

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

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)

Sophomore Year

English II

*Math

Biology

World Geography/World History

Leadership II (Career Essentials)

Computer Science

8 hours Community Service

Junior Year

English III

American History

*Math

Science (Chemistry, General Science, or Applied Science)

~Personal Finance

Leadership III (Leading Others)

8 hours Community Service

Senior Year

English IV, College Comp., Workplace Writing

American Government

~Personal Finance

Leadership IV (College Readiness)

8 hours Community Service

*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, Applied Statistics, College Algebra

(Math Electives may be taken in any order.)

~Students must take Personal Finance as either a Junior or Senior.

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)

Fine Arts

Art I

High School Band

Mixed Choir

Photography

Industrial Technology

Woodworking I

Miscellaneous

^^Edgenuity

Language Arts

^*Journalism I*

Math Options (required to choose 1)

Pre-Algebra

Algebra

Geometry

Physical Education

Zero Hour Strength (does NOT take the place of PE/Health)

World Language

*Spanish I

^Because of the level of reading/writing necessary for this course, students must have permission of the instructor and/or principal to take this elective.

^^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 Edgenuity. Students must have demonstrated in junior high that they have the discipline and motivation to be successful in a self-paced, self-motivated class.

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
Computer Science (1 semester)
Speech (1 semester)

Career Essentials (Leadership II)
8 Hours of Community Service

Electives:

Agriculture

Plant & Soil Science (Ag 10)

Language Arts

Journalism I
Journalism II
Speech

Lifesports

Zero Hour Strength

Fine Arts

Art I
Art II
High School Band
Mixed Choir
Photography

Math

Pre-Algebra
Algebra I
Algebra II
Geometry

World Language

*Spanish I
*Spanish II

Miscellaneous

Online Class from WNCC
Elective in Edgenuity

Industrial Technology

Woodworking I
Woodworking II

Physical Education

Introduction to Strength

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/ACT test as required. Possible classes may include:

- | | |
|---|-----------------------------|
| Introduction to Education | Principles of Accounting I |
| Introduction to Early Childhood Education | Principles of Accounting II |
| General Economics | World Civilizations I |
| Infant/Toddler Development | World Civilizations II |
| Introduction to Business | Public Speaking |
| Introduction to Psychology | |

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
~Introduction to Business
Personal Finance

Career & Technical Education

Work Based Learning

Education

Educational Field Experience
~Infant/Toddler Development
~Intro to Early Childhood Ed
~Introduction to Education
Teacher's Aid Program (TAP)

Fine Arts

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

Health Sciences

Anatomy & Physiology
~Body Structure & Function
~Medical Terminology

Industrial Technology

Construction Trades
Woodworking I
Woodworking II
Woodworking III

Language Arts

Journalism I
Journalism II
Literature
~Public Speaking

Math

Algebra II
~Applied Statistics
~College Algebra
Geometry
Math IV

Physical Education

Advanced Strength
Introduction to Strength

Lifetime Sports

Zero Hour Strength

Science

Applied Science
Chemistry
General Science

Social Science

The Decades
~General Economics
~History of the American West
Introduction to Psychology
Sociology
~United States History I
~United States History II
~World Civilization I
~World Civilization II

World Language

*Spanish I
*Spanish II
*Spanish III

Miscellaneous

Online course from WNCC
Edgenuity

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/ACT test. Possible classes may include:

Introduction to Education	Principles of Accounting I
Introduction to Early Childhood Education	Principles of Accounting II
General Economics	World Civilizations I
Infant/Toddler Development	World Civilizations II
Introduction to Business	Public Speaking

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, English Comp., or Workplace Writing
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
~Introduction to Business
Personal Finance

Career & Technical Education

Work Based Learning

Education

Educational Field Experience
~Intro to Early Childhood Ed
~Introduction to Education
Teacher's Aid Program (TAP)

FCS

~Infant & Toddler Development

Fine Arts

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

Photography

Health Sciences

Anatomy & Physiology
~Body Structure & Function
~Medical Terminology

Industrial Technology

Construction Trades
Woodworking I
Woodworking II
Woodworking III
Woodworking IV

Language Arts

Journalism I
Journalism II
Literature
~Public Speaking

Math

Algebra II
~Applied Statistics
~College Algebra
Geometry
Math IV

Physical Education

Advanced Strength
Introductory Strength

Lifetime Sports

Zero Hour Strength

Science

Applied Science
Chemistry
General Science
Physics

Social Science

The Decades
~General Economics
~History of the American West
Introduction to Psychology
Sociology
~United States History I
~United States History II
~World Civilization I
~World Civilization II

World Language

*Spanish I
*Spanish II
*Spanish III

Miscellaneous

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/ACT test. Possible classes may include:

Introduction to Education
Introduction to Early Childhood Education
General Economics
Infant/Toddler Development
Introduction to Business

Principles of Accounting I
Principles of Accounting II
World Civilizations I
World Civilizations II
Public Speaking

Other courses may be available through WNCC upon request.

JUNIOR HIGH COURSES OFFERED

Language Arts

English 7
English 8
Novel Study

Math

Algebra I
Math 7
Math 8
Math Interventions

Physical Education

JH PE

Personal Development

Careers 8
Health 7
Leadership
Study Skills

Science

Science 7
Science 8

Social Science

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

Exploratory Courses

Ag 8
Art 7
Band
Choir
Industrial Arts
Computer Science

7TH GRADE COURSES

Required:

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

~JH PE
Industrial Arts (1 semester)
Art 7 (1 semester)
Choir (1 semester)

Leadership (1 quarter)
Health 7 (1 quarter)

Electives:

JH Band

Study Skills/Novel Study/Math Interventions

8TH GRADE COURSES

Required:

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

~JH PE
Ag 8 (1 semester)
Computer Science (1 semester)
Careers 8 (1 quarter)

Leadership (1 quarter)
Choir (1 semester)

Electives:

JH Band

Study Skills/Novel Study/Math Interventions

*Students will be placed in math at the appropriate level based on NSCAS scores and teacher recommendation. Qualified students may take Pre-Algebra/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 high school team. Cross country will not take the place of JH PE.

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. Second semester, students will be working in the greenhouse learning about transplanting, growth stages of flowers, fertilizing, etc. **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.**

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: Junior or senior standing

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

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.

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.**

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.**

INTRODUCTION TO EARLY CHILDHOOD EDUCATION

Prerequisite: None

Description: *Online course.* The course provides an overview of the history, trends, and philosophy of early childhood education. Diversity, inclusion, licensing standards, current legislation, professionalism, and advocacy are examined. ***Students must pay for this dual-credit class.**

INTRODUCTION TO PROFESSIONAL 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 developing objectives, safety practices, and technology applications. Teacher's aids are generally not allowed in high school level classes.

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.

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.

PHOTOGRAPHY

Prerequisite: None

Description: Photography course provides students with an understanding of photographic media, techniques, and process. 21st Century skills such as email communication, photo uploading, editing, sharing, through Google and Microsoft will be taught and utilized. Students will develop a better understanding of compositional skill as well as how to utilize elements and principles of design while developing the school's yearbook as a team. ***Limited to 6 students.**

HEALTH SCIENCES

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.

BODY STRUCTURE & FUNCTION

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

Description: *Online course.* 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). ***Student must pay for this dual-credit course.**

MEDICAL TERMINOLOGY

Prerequisite: Junior or Senior standing

Description: *Online course.* 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.**

INDUSTRIAL TECHNOLOGY

CONSTRUCTION TRADES

Prerequisite: Completion of Woods I, or with administrative permission

Description: Roughly 25% classroom and 75% shop. Students will partner with Aulick's Industry to produce a container building. Students will work with area contractors to learn electricity, carpentry, plumbing, and other skills to complete the project. Students must apply for, and be accepted to, the partnership. Failure to follow expectations may result in dismissal.

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 newspaper. *** 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 and may include elements of photography, photojournalism, and exploration of opportunities for careers in journalism.

LITERATURE

Prerequisite: Junior or senior standing

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.

PUBLIC SPEAKING

Prerequisite: None

Description: *Online course.* This course will enable students to recognize and develop the skills required of speaking in today's workplace and society. It will focus on the organization, preparation, research, and evidence needed for a presentation that is tailored to fit the audience. It will enhance the student's active and critical listening skills. ***Student must pay for this dual-credit course.**

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.

WORKPLACE WRITING

Prerequisite: None (If taking for dual-credit, must qualify with ACCUPLACER or ACT scores)

This course familiarizes students with writing strategies most often employed in vocational and technical fields and prepares them for entry-level workforce communication demands. Writing instruction and practice are given in areas such as the development and writing of summaries, correspondence, memoranda, job applications, and various short incident, progress, travel, or analytical reports. Evaluative emphasis is placed upon tone, content, format, grammar, and mechanics. ***Student must pay for this dual-credit course if taking for dual-credit.**

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, quadratic functions, exponential functions, and one and two variable statistics 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 sequences and functions, polynomials and rational functions, complex numbers and rational exponents, exponential functions and equations, transformations of functions and statistical inferences. This course also introduces trigonometric functions.

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.**

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

ADVANCED STRENGTH TRAINING

Prerequisite: Intro to Strength Training; Completed a previous weights class; Educator may waive prerequisite depending on situation for each individual.

Description: Will learn the proper techniques and forms for weight lifting using all of the muscle groups. Students will explore different strength training programs and learn how to create one that fits their interests. Students will learn a variety of different lifts and the benefits of incorporating strength training into their daily lives.

INTRODUCTION TO STRENGTH TRAINING

Prerequisite: None

Description: The study of strength training and the advantages of weight lifting. Students will learn the basics of weight lifting which include but are not limited to, technique and form.

LIFETIME SPORTS

Prerequisite: Physical Education and Health 9; Sophomore, Junior or Senior standing; Educator may waive prerequisite depending on situation for each individual.

Description: Deals with all types of sports and activities that can be played after graduating from school. Some of the sports that may be played are pickleball, golf, badminton, ping-pong, bowling, kickball, wiffle 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.

ZERO HOUR WEIGHTS

Prerequisite: None

Description: The study of strength training and the advantages of weight lifting. Students will learn the basics of weight lifting which include but are not limited to, technique and form.

SCIENCE

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.

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.

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.**

HISTORY OF THE AMERICAN WEST

Prerequisite: Junior or senior standing. Must qualify on the ACCUPLACER or ACT

Description: *Online course.* This course examines historical issues and events involving America west of the Mississippi River including the concepts of “west” and the “frontier.” Central themes in the course include an examination of who migrated to the west and why, the results of that migration, and the impact of migration and the events surrounding it on the United States as a whole. Examples of topics covered in the course include: the history and influence of the Spanish and French; cultural interaction and conflict between European explorers/settlers and indigenous peoples; early explorers and emigrants (including the fur trade); cowboys, outlaws, and violence, children, marriage, and families; farming, settlement, and homesteading; and the West of the imagination (myth and reality of the West in American culture and popular culture.) ***Student must pay for this college-credit course.**

INTRODUCTION TO PSYCHOLOGY

Prerequisite: Junior or senior standing

Description: 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. Can be taken on Edgenuity, or as a dual-credit course through WNCC.

SOCIOLOGY

Prerequisite: Junior or senior standing

Description: Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Sociologists investigate and seek to understand the structure of groups, organizations, and societies and how people interact within these contexts. Since most human

behavior is social, the subject matter of sociology ranges from the intimate family to the internet; from organized crime to religious traditions; and from the divisions of race, gender and social class to the shared beliefs of a common culture. Can be taken on Edgenuity, or as a dual-credit course through WNCC.

UNITED STATES HISTORY I

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

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 II

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

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 CIVILIZATIONS I

Prerequisite: Junior or senior standing. Must qualify on the ACCUPLACER or ACT

Description: *Online course.* The social, economic, political, philosophical, and aesthetic advancement of humankind from ancient times through the medieval period is examined in this course. ***Student must pay for this dual-credit course.**

WORLD CIVILIZATIONS II

Prerequisite: Junior or senior standing. Must qualify on the ACCUPLACER or ACT

Description: *Online course.* The social, economic, political, philosophical, and aesthetic advancement of humankind from medieval times to the present is examined in this course. ***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 (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.

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: Some, but not all, classes from WNCC qualify for dual-credit or high school and college enrollment. Students interested in taking online classes during high school must have enough credits to be on track to graduate, especially if they are taking college-only credit classes. 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.**

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.

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.

NOVEL STUDY

Description: Students enhance their reading comprehension and critical thinking skills through the exploration of high-quality literature. This course offers a dynamic and engaging alternative to traditional reading textbooks, allowing students to immerse themselves in the world of novels to practice and refine their skills aligned with academic standards. Throughout the course, students will delve into carefully selected novels that not only challenge their intellectual abilities but also ignite a passion for reading. The novel study approach provides an opportunity for students to connect with characters, analyze plot structures, and explore themes in a more immersive and enjoyable manner than conventional instructional materials. The novel study experience is designed to foster a deep appreciation for literature, encouraging students to become lifelong learners and critical thinkers.

MATH

ALGEBRA I

Prerequisites: Must have a 251 RIT score on the 7th Grade spring 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.

MATH INTERVENTIONS

Description: This course is instruction aimed at filling gaps. It is designed to help students strengthen areas of math where they may struggle.

PRE-ALGEBRA

Prerequisites: Must have a 224 RIT on the 6th Grade Spring 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.

PERSONAL DEVELOPMENT

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.

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 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.

STUDY SKILLS

Description: Study Skills is a course designed to help students learn how to be successful students. Students will identify their personality tendencies and learning styles, set goals, and establish priorities in their lives. Along with that, students will learn stress and procrastination management skills. Students will also explore different strategies for taking notes and tests. Furthermore, the course will aid students in identifying attention deficits and productive learning/studying environments.

PHYSICAL EDUCATION

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. The course may include but is not limited to Microbiome, Metabolism, Traits and Reproduction, Populations and Resources, Matter and Energy in Ecosystems, Natural Selection, and Evolutionary History.

SCIENCE 8

Description: Students will be introduced to Physical science. The course may include but is not limited to learning about Harnessing Human Energy, Force and Motion, Magnetic Fields, Thermal Energy, Phase Change, Chemical Reactions and Light Waves. They may also work through the scientific method while participating in local or regional science fairs.

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.