

AGRICULTURE OFFERINGS 2024-2025

01011 Introduction to Agriculture (9-12)

This applied course is designed to introduce students to agriculture, its applications, and leadership development as the core foundation of the Agriculture Education program. Individual units will familiarize the student with: basic mechanical theory and skills – emphasis will be placed on safety and proper use of tools and equipment; principles of evaluation and selection of beef, swine, sheep, horse, and dairy animals; soil and plant relationships that affect the production of food and fiber. Topics may include: soils, irrigation, land judging, plants, crop and weed identification, range management, horticulture, nursery, diseases, insects, and chemicals. This applied course introduces students to agricultural sciences with emphasis on technical skills, entrepreneurship, and occupational opportunities. Units may also include agricultural construction, food and fiber science, supervised agricultural experiences, and leadership development. Agricultural mechanics units are designed to develop skills in selection, operation, and maintenance of engines, hydraulics, and agricultural machinery and tractors. Skills in operation and maintenance of equipment, determining a bill of materials, construction techniques, metal fabrication, and joining processes of metals and alloys will be included. Emphasis is on problem solving and scientific reasoning applied to real world problems integrating knowledge from the life and earth sciences. Max Credit = 1

01012 Foundations of Agriculture (9-12)

This applied course is designed to enhance student's perception of agriculture, its applications, and leadership development as the core foundation of the Agriculture Education program. Individual units will familiarize the student with: basic mechanical theory and skills – emphasis will be placed on safety and proper use of tools and equipment; principles of evaluation and selection of beef, swine, sheep, horse, and dairy animals; soil and plant relationships that affect the production of food and fiber. Topics may include: soils, irrigation, land judging, plants, crop and weed identification, range management, horticulture, nursery, diseases, insects, and chemicals. This applied course introduces students to agricultural sciences with emphasis on technical skills, entrepreneurship, and occupational opportunities. Units may also include agricultural construction, food and fiber science, supervised agricultural experiences, and leadership development. Agricultural mechanics units are designed to further develop skills in selection, operation, and maintenance of engines, hydraulics, and agricultural machinery and tractors. Skills in operation and maintenance of equipment, determining a bill of materials, construction techniques, metal fabrication, and joining processes of metals and alloys will be included. Emphasis is on problem solving and scientific reasoning applied to real world problems integrating knowledge from the life and earth sciences. Foundations of Agriculture can be a continuation of Introduction of Agriculture or can be offered in alternating years with Introduction to Agriculture. Max Credit = 1

01063 Natural/ Environmental Resources (9-12)

This course provides an opportunity for students to increase awareness of the close ties among living organisms. Natural and environmental concerns with the interrelationships of living organisms and the world around us. Leadership development and supervised agricultural experience programs are also an integral part of this course. Max credit = 1

01066 Small Animal Care (9-12)

This course is designed to teach students about the management of small animals, which may include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats. The student will understand the importance of responsible small animal ownership by explaining the domestication and use of small animals, the influence small animals and the small animal industry on society, and the hazards associated with working in the small animal industry (including transmittance of disease and handling of dangerous chemicals). The student will evaluate current topics in animal rights and animal welfare, thus understanding the care and management requirements for a variety of small animals and be able to discuss the physical characteristics for each species studied; list the breeds or types of each species; discuss the habitat, housing, and equipment needs for each; compare and contrast nutritional requirements; describe and practice common methods of handling; and use available laboratory equipment to perform procedures. Max Credit =1

01035 Agricultural Business Management (10-12)

A course designed to introduce the students to agribusiness management in the free enterprise system. It includes a study of economic principles, budgeting, recordkeeping, finance, risk management, business law, marketing, and careers in agribusiness. Leadership development and supervised agricultural experience programs are an integral part of this course. Max Credit = 1

01045 Agricultural Mechanics Power Systems (9-12)

Agricultural Mechanics courses are designed to reinforce and extend students' understanding of applied mechanical applications by associating scientific principles and concepts with relevant applications in fields associated with mechanics. Students will be exposed to fluid, electrical, and thermal power that are associated with the field of agriculture. Course is designed to provide students with applied activities which may include: small engine maintenance and repair, agricultural power and equipment, electric motors and controls, robotics, renewable energy and precision ag systems. Leadership development and supervised agricultural experiences are integral to this course. Max credit = 1

01046 Agricultural Welding and Fabrication (10-12)

This course provides students in agriculture an opportunity to reinforce and extend understanding of applied mechanical applications. Students will be exposed to mechanical, electrical and thermal power that are associated with the field of agricultural welding. Applied activities develop an understanding and skill development in metal joining and fabrication processes. Instruction will prepare students to select, operate, repair, fabricate and maintain a variety of agricultural machinery and equipment. Processes covered may include: Oxyfuel Cutting/Heating/Welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), Air-carbon Arc Cutting, Plasma Arc Cutting, Safety and Metal Fabrication. In addition, record keeping, communication skills, employability and human relation skills will be covered. Leadership development and Supervised Agricultural Experiences (SAE's) are also integral to this course. Max Credit = 1

01043 Agricultural Mechanics Technology I (9-12)

Agricultural Mechanics courses are designed to reinforce and extend students' understanding of applied mechanical applications by associating scientific principles and concepts with relevant applications in fields associated with mechanics. Students will be exposed to mechanical, fluid, electrical, and thermal power that are associated with the field of agriculture. Course sequence is designed to provide students with applied activities which may include: metal fusion (welding), structures, surveying, electrical wiring principles, agricultural power and equipment, plumbing, electric motors and controls, CNC, robotics, CADD, Lasers, GIS and GPS systems. Leadership development and supervised agricultural experiences are integral to these courses. Max Credit = 1

01067 Veterinary Science (11-12)

This course is designed to prepare students for careers in the field of animal science by introducing them to veterinary practices as they relate to both large and small animal species. The student will participate in laboratory and field investigations and demonstrate safety by using critical thinking, scientific reasoning, and problem solving to make informed decisions. They will research and describe the history of veterinary medicine, current topics, the importance of animals in society, and the professional ethics and laws that relate to veterinary medicine. The student will learn to explain the human-animal bond and describe the legal aspects of animal welfare. The student will identify anatomical structures and systems of animals and correct terminology while exploring animal management as it relates to animal identification, animal characteristics, and behavioral temperament (i.e. normal behavior compared to sick.) The student will evaluate animal diseases and identifies internal and external parasites and can evaluate an animal's health during a clinical examination while safely operating and maintaining equipment used in veterinary science. The student will also learn to determine nutritional requirements and the importance of nutrition in maintaining a healthy

animal. The student will thereby be conscious of procedures, skills, and objectives that are included in the job description of an animal care assistant. Max credit = 1

01068 Agricultural Processing (10-12)

This course is designed to introduce students to the processing of agricultural products. The course will include the processing of food, fiber, and material product processing for the global economy will be emphasized. Personal communication skills, human relation skills, leadership development skills, and supervised agricultural experiences will be emphasized. Max Credit = 1

ART EDUCATION 2024-2025

JH ART- INTRODUCTION TO VISUAL ARTS Grade 7

Introduction to Visual Arts is designed to introduce the elements of art with basic art concepts and techniques. Students will explore the use of a variety of drawing and painting materials including: pencil, colored pencil, pen and ink, pastels, watercolor, tempera and acrylic. Related projects will be assigned to help develop technical competency in these areas. Students also explore two and three dimensional art forms in clay, paper mache, fibers, and mixed media materials. Art appreciation and understanding is integrated within the curriculum to introduce students to the value and importance of the elements of art throughout history and our daily lives.

JH ART- ART CONCEPTS & TECHNIQUES Grade 8

Art Concepts & Techniques is designed to focus more closely on the principles of art with basic art concepts and techniques. Students will explore the use of a variety of components, fundamentals, and history. In addition, a variety of mediums will be used; pencil, colored pencil, fibers, ceramics, and painting. Related projects will be assigned to help develop technical competency in all these areas, including basic design and exploration in two and three-dimensional art forms. Some of these great projects are self-portraits, landscapes, famous replicas, holiday crafts, and photography.

02020 ART I- STUDIO IN DRAWING & PAINTING Grades 9-12

Drawing and painting are fundamental courses that will address basic art and design skills in drawing and painting composition, as well as principles of two-dimensional art. Art I/II is designed to continue the study of art concepts and techniques covered in Junior High Art at a developed level. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, two & three-dimensional design, and digital art. Student artwork will reflect aesthetics & cultural and personal contexts. Willingness to get involved in

the creative process is a more important requirement than the student's talent or previous experience.

02021 ART II- ADVANCED STUDIO ART Grades 10-12 Prerequisite: Art I

A second-year course that provides an opportunity for students to expand on the drawing and painting concepts introduced in Studio in Drawing & Painting at a larger scale. Emphasis is placed on experiences with design principles, drawing techniques and painting skills leading to the development of abilities that are necessary for advanced art courses. Students are given more in-depth problems to solve creatively. This upper level course is designed for the student who wishes to further develop skills and techniques that were introduced in previous drawing and painting courses. It is expected for any student intending to enroll in Dual Credit Art to successfully complete this course. Students will be continually encouraged to expand their creative ideas as well as their technical potential through multiple mediums.

ART III- INDEPENDENT ART Grades 10-12 ♦ Prerequisite: Art I, II

In this course, advanced students will focus on portfolio development as they continue to develop skills in producing high quality works of art. Emphasis is placed on creating more complex visual statements. A wide range of materials and processes will be further explored, and students will have the opportunity to focus on a chosen subject and medium. The course is intended for advanced students creating a portfolio. Artists will explore their interests and decide on a theme that best describes not only their talents, but themselves. Through this theme the artist will independently compile at least 8 pieces of work in multiple mediums. Upon completion of their works, an artist statement is written. Taking what they have learned throughout their artistic education, they will be able to display their work through an Art Exhibition during our year end Night of the Arts. Artists will be in the limelight as they will be able to show the community their talents.

ART IV- DUAL CREDIT STUDIO ART Grades 11-12 -- 3.0 GPA (2.7 GPA Petitioned)

♦ Prerequisite: Art I, II

S1: ART 110- Introduction to the Visual Arts (ND: HUM) 3 VCSU C/.5 HS C

S2: ART 122- Two Dimensional Design (ND:FA) 3 VCSU C/.5 HS C

Dual Credit Studio Art is a college level class through Valley City State University. Students will receive high school and college credit at the same time! This is a General Education credit that is University transferable. The credits are offered at a reduced price versus when taken in college. Art is a part of General Education requirements, so it's a great opportunity to get them done in high school! This class gives students the opportunity to be an artist with art history integration and personal exhibition at Night of the Arts.

BUSINESS OFFERINGS 2024-2025

14010 Accounting I (9-12)

Students in Accounting I will learn the fundamentals of Accounting principles that include: terminology, accounting cycle, basic concepts, financial statements, roles of accountants and ethics in accounting. Simulation packets are often integrated in the course. Max Credit = .5

14011 Accounting II ♦ Prerequisite: Accounting I (9-12)

Students in Accounting II will continue learning the fundamental concepts of Accounting. Topics covered include terminology, accounting cycle, basic concepts, financial statements, roles of accountants and ethics in accounting. Max Credit = .5

14016 Business Finance ♦ Prerequisite: Accounting I (9-12)

Students in Business Finance will focus on a business's financial behavior; examine the financial side of running a business, keeping records, investing, protecting against loss, obtaining credit, and making strategic decisions. Max Credit = .5

14024 Business Computer Applications ♦ Prerequisite: Keyboarding or equivalent skill (9-12)

Students in Business Computer Applications will continue to develop skills in various computer applications and using various input and output devices in order to gather information, design, present, and evaluate projects. The course will include ethical uses of computers and information. The course would be helpful for all students. Max Credit = .5

14095 Financial Literacy (9-12)

Students in Financial Literacy will study the impact of financial choices on personal and occupational goals and future earnings potential. Real world topics include checking accounts, budgeting, saving for large purchases, using credit cards, figuring interest and fees, being a responsible consumer, earning power, learning about taxes and paycheck withholding, college costs, mortgages, retirement savings, and investments. This course will provide a foundational understanding for making informed personal financial decisions. Max Credit = .5

14111 Entrepreneurship (9-12)

Students in Entrepreneurship will develop skills needed to effectively organize, develop, create, and manage their own business. Topics covered include entrepreneurial concepts, characteristics of business organizations, business opportunities, entrepreneurial career

examples, individual career assessment and planning, and entrepreneurial projects and simulations. Max Credit = .5

14230 Business Fundamentals (9-12)

Students in Business Fundamentals will be introduced to the world of business and prepare for the economic roles of consumer, worker, and citizen. The content may include a study of the business environment and strategies for creating, financing, marketing and managing a business. This course will also serve as a background for other business courses you may take in high school and college. Max Credit = .5

14231 Management I (9-12)

Students in Management I are introduced to the field of management and organizational theory. Topics include: leadership, motivation, planning, teamwork, and goal setting. The course will develop a mastery of theory and research findings about organizations and people within the organizations. Max Credit = .5

ENGLISH OFFERINGS 2024-2025

05071 English 9 (9-12)

English 9 builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, this course introduces and defines various genres of literature, with writing exercises often linked to reading selections. Max Credit = 1

05072 English 10 ♦ Recommended Prerequisite: English 9 (10-12)

English 10 usually offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. Max Credit = 1

05073 English 11 ♦ Recommended Prerequisite: English 9 and 10 (11-12)

English 11 continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. Max Credit = 1

05074 English 12 ♦ **Recommended Prerequisite: English 9, 10, and 11 (11-12)**

English 12 blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers. Max Credit = 1

05033 Modern Literature (10-12)

Modern Literature has the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on the literature written during or reflecting a particular time period (such as the French Revolution, the 1960s, or the 20th century). Students determine the underlying assumptions and values within the selected works, reflect upon the influence of societal events and social attitudes, and compare the points of view of various authors. Oral discussion is an integral part of literature courses, and written compositions are often required. Max Credit = 1

05043 Mythology (9-12)

Mythology identifies the characteristics of a myth and recognizes the close relationship between myths and legends, folk tales, and fairy tales. This course may include how it reflects upon the culture of people who created them, how they explain the natural world and provide meaning to everyday life, how they establish guidelines for living, and how they are reflected in literature, music, and art. Max Credit = 1

05077 Advanced English (Dual Credit) ♦ **Recommended Prerequisite: 3 credits in English (12)**

Advanced English teaches critical reading and analysis of literature; advanced techniques of formal written composition; personal writing in a variety of literary forms; and self-designed oral presentations and techniques of group discussion. Max Credit = 1

05031 Classic Lit (11-12)

American Literature focuses on commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and understand how the literature reflects the society of the time. Oral discussion is integral to literature courses, and written compositions are often required. Max Credit = 1

FAMILY AND CONSUMER SCIENCE OFFERINGS 2024-2025

09022 Family and Consumer Sciences I (9-12)

To introduce students to basic concepts in all areas of Family and Consumer Sciences. This course may include: availability of personal resources**; organization of resources to provide for needs; making consumer decisions; creation of personal living environment; developing satisfying interpersonal relationships; understanding and caring for children; meeting personal nutritional needs; managing food resources; maintaining good health; clothing and textile selection, care, and construction; contributing to satisfying and family life; career orientation and occupational information; work readiness skills; leadership development. **This course may include concepts of personal finance such as checkbook mechanics, saving for larger purchases, credit, earning power, taxation and paycheck withholdings, college costs, making and living within a budget, mortgages, retirement savings, and investments. Max Credit = 1

Family and Consumer Sciences II Prerequisite Family and Consumer Sciences I (10-12)

To provide students with experiences in all areas of Family and Consumer Sciences at a more advanced level than in Family and Consumer Sciences I. The course may include: self-development; multiple roles of individuals in contemporary society; finances and economic interdependence**; housing to meet lifestyle and family goals; lifestyle and parenting decisions; family meal choices at home and away; influences of nutrition on health and disease; personal and family clothing needs; societal and environmental impacts of personal decisions; career information, exploration and planning; work readiness skills; leadership development. **This course may include concepts of personal finance such as checkbook mechanics, saving for larger purchases, credit, earning power, taxation and paycheck withholdings, college costs, making and living within a budget, mortgages, retirement savings, and investments. Max Credit = 1

09024 Family and Consumer Sciences III Prerequisite Family and Consumer Sciences II (11-12)

To provide specialized experiences that will enable advanced students to plan and prepare for present and future personal and family needs. Course content should expand on the content areas from Family and Consumer Sciences II and should be determined by the needs and interests of the students enrolled. Max Credit = 1

09025 Independent Living (12)

To prepare students for responsibilities involved in becoming self-sufficient young adults preparing for life away from the parental home during or immediately following high school. Course content may include: living independently; supporting oneself; making financial decisions**; making choices about housing, nutrition and food, clothing, transportation, health and wellness; using time to achieve personal goals; finding balance in life; current issues that affect personal decisions; societal and environmental impacts of personal decisions; sources of support and assistance in the community; leadership development. This course may include concepts of personal finance such as checkbook mechanics, saving for larger purchases, credit, earning power, taxation and paycheck withholdings, college costs, making and living within a budget, mortgages, retirement savings, and investments. Max Credit = 1

Education 240: Educating Exceptional Students (11-12) Dual Credit

A study of the characteristics of the exceptional student. Current delivery models, educational adaptations, and best practices for the regular classroom teacher of a mainstreamed student are stressed. This course covers mental health topics and strategies related to K-12 education. This meets requirements for initial licensure in the state of North Dakota.

09041 Education 250: Introduction to Education (11-12) Dual Credit

An introduction to the professional education sequence. The course examines the teaching profession, including the historical, philosophical, and social foundations of education. Students gain knowledge of the VCSU teacher education model and apply knowledge and skills through practice teaching activities, including the effective use of planning, implementing, evaluating, and reflecting.

Education 300: Educational Technology (11-12) Dual Credit

A study of the use of information and communication technologies for educational purposes. Students design and develop digital-age learning experiences that incorporate contemporary tools and resources to maximize content learning and to develop the knowledge, skills, and attitudes of a professional educator.

FOREIGN LANGUAGE OFFERINGS 2024-2025

06281 French I (9-12)

Designed to introduce students to French language and culture, French I emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people. Max Credit = 1

MATH OFFERINGS 2024-2025

11031 Algebra I 9-12 (8 if meeting criteria)

Algebra I include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations. Max Credit = 1

11032 Algebra II ♦ Recommended Prerequisite: Algebra I 9-12

Algebra II topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents. The course may introduce topics in discrete math, elementary probability and statistics; matrices and determinants; and sequences and series. Max Credit = 1

11034 College Algebra ♦ Recommended Prerequisite: Algebra II 10-12

Covering topics from both Algebra and Analytic Geometry, this course prepares students for eventual work in calculus. Topics include the study of polynomial, logarithmic, exponential, and rational functions and their graphs; vectors; set theory; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity; the polar coordinate system; equations and graphs of conic sections; rotations and transformations; and parametric equations. Max Credit = .5

11120 Geometry 9-12 ♦ Recommended Prerequisite: Algebra I

Geometry, emphasizing an abstract, formal approach to the study of geometry, typically includes topics such as properties of plane and solid figures; deductive methods of reasoning

and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles. Max Credit = 1

11145 Consumer Mathematics 9-12

Consumer Math reinforces general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and applies these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment. Max Credit = 1

11160 Trigonometry ♦ Recommended Prerequisite: Geometry and Algebra II 10-12

Trigonometry prepares students for eventual work in calculus and typically includes the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers. Max Credit = .5

11181 Precalculus ♦ Recommended Prerequisite: Algebra II and Geometry or Geometry/Trigonometry/ Advanced Algebra 11-12

Precalculus combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Algebra topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Max Credit = 1

PHYSICAL EDUCATION AND HEALTH OFFERINGS 2024-2025

8030 General Physical Education (9-12)

Physical Education provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities. Max Credit = 1

08036 Individual and Dual Sports (9-12)

Individual/Dual Sports provides students with knowledge, experience, and an opportunity to develop skills in more than one individual or dual sport (such as golf, football, basketball, wrestling, volleyball, track, baseball). Max Credit = 1

08040 Weight Training (9-12)

Weight Training helps students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning. Max Credit = 1

SCIENCE OFFERINGS 2024-2025

13020 Biology (9-12)

Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. 1 Max Credit = 1

13065 Environmental Science (10-12)

Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, this course usually covers the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. Max Credit = 1

13030 Physical Science (9-12)

Physical Science involves the study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions. Max Credit = 1

13031 Chemistry (9-12)

Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base

and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied. Max Credit = 1

13028 Real World Biology (11-12)

Real World Biology is a lab course designed around real-world issues that can be explored through the integration of biology and mathematics. Students will apply tools acquired in previous math and biology classes to relevant and engaging problems. Through the use of mathematical models and sound reasoning, students will derive solutions in the areas of population growth, ecology, genetics, epidemiology, and forensics. This course will adhere to state biology standards.

Note: This course may not be substituted for the biology course required for graduation.

SOCIAL STUDIES COURSE OFFERINGS 2024-2025

15085 U.S. History (11-12)

U.S. History provides students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. This course typically includes a historical overview of political, military, scientific, and social developments. Max Credit = 1

15086 U.S. History to 1877 ♦ Recommended Prerequisite: U.S History (Dual Credit) (12)

History provides students with an overview of the United States, examining time periods from the 1830's – 1930's. This course will allow for more inquiry into the content, opportunities for personalized learning, and technology integration. Max Credit = 1

15089 World History (9-12)

World History provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History may include geographical studies, but often these components are not as explicitly taught as geography. 1 Max Credit = 1

15110 Political Science (9-12)

Political Science approaches the study of politics from a theoretical perspective, including an examination of the role of government and the nature of political behavior, political power, and political action. Max Credit = .5

15111 Contemporary History (9-12)

Contemporary History provides an overview of more recent U.S. History by examining the political, social and economic issues of events and time periods from post World War II through the present day. Students will examine people and events that brought were important to the way of life in the United States. Certain topics will be taught, but students will have input into some of the history that will be examined. Max Credit = 1

15118 Law & Justice in North Dakota (9-12)

Law & Justice courses examine the workings of the U.S. criminal and civil justice systems, including providing an understanding of civil and criminal law and the legal process, the structure and procedures of courts, and the role of various legal or judicial agencies. Although this course emphasizes the legal process, it may also cover the history and foundation of U.S. law (the Constitution, statutes, and precedents). Course content may also include contemporary problems in the criminal justice system. Max Credit = .5

15120 Psychology (11-12)

Psychology introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology. 1 Max Credit = .5

15130 Sociology (Dual Credit) (11-12)

Sociology introduces students to the study of human behavior in society. This course provides an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society. Max Credit = .5

15201 Problems of Democracy (9-12)

Principles of Democracy combine a study of the structure of national, state, and local U.S. government with an overview of the principles of market economics. Course content may include contemporary U.S. issues. The purpose of this course is to prepare students to perform effectively as informed citizens. Students must read the Declaration of Independence, the United States Constitution, and the Bill of Rights. If the state mandated Personal Finance concepts are not offered to all students in another course, then these concepts must be included in the Problems of Democracy curriculum. Max Credit = 1

15401 North Dakota Studies (9-12)

North Dakota Studies courses examine the history, politics, economics, society, and/or cultures of the state in the United States. This course may focus primarily on the history of this state or may take an interdisciplinary approach to the contemporary issues affecting it. Max Credit = .5