Dakota Prairie High School

CLASS OFFERINGS AND COURSE DESCRIPTIONS
Date: 12/15/2025

SOCIAL STUDIES

UNITED STATES HISTORY 1 Year 15085
Grade: 11
This course examines carefully selected events, individuals, groups, institutions, artifacts, ideas, migrations, and other happenings from the Colonial Era to modern day.

PROBLEM OF DEMOCRACY 1 Year 15201
Grade: 12
Combines economics, history, geography, political science, and sociology and how they work together in a democracy. This course focuses on the constitution, the legal system, and national and local legislation.

SOCIOLOGY 1 Semester 15130
Grade: 10-12
The course deals with the basics of sociology and the study of society including: culture, socialization, structure, status, race, gender, social institutions and other.

PSYCHOLOGY 1 Semester 15120
Grade: 11-12
This course deals with many of the basic fundamentals of the discipline of Psychology. Students will become familiar with the basic ideas, concepts and perspectives in psychology. Students will study perception, memory, learning development, emotions, personalities, disorders and others.

ND STUDIES 1 Semester 15401
Grade: 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

CIVICS 1 Semester 15030
Grade: 9
Citizenship examines the general structure and functions of American government systems, the roles and responsibilities of citizens to participate in the political process, and the individual's relationship to the law and legal system. This course does not typically delve into the same degree of detail on constitutional principles or the role of political parties and interest groups as comprehensive courses in the U.S. Government.

SCIENCE

PHYSICAL SCIENCE 1 Year 13030
Grade: 9
Combination of introductory principles of chemistry and physics. Chemistry includes the atom, formulas, and chemical reactions. Topics in physics include forces, work, and power.

BIOLOGY 1 Year 13020
Grade: 10
An in-depth study of life processes pertaining to each of the kingdoms.

ANATOMY 1 Semester 13021
Grades: 11-12
Prerequisite: Completing biology with at least a B average.
A study of the structure of living organisms. This class involves nine weeks of lecture and bookwork followed by nine weeks of dissection. This includes learning the muscles and other systems of the cat.

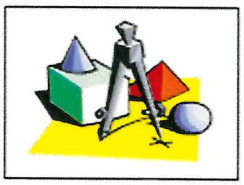
PHYSIOLOGY 1 Semester 13022
Grades: 11-12
Prerequisite: Biology, Anatomy
A study of the function of the structure of living things.

BIOCHEMISTRY 1 Semester 13034
Grades: 11-12
A hands-on approach to the study of biology and chemistry relationships.

ENVIRONMENTAL SCIENCE 1 Semester 13025
Grades: 11-12
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.

FORENSICS 1 semester 13036
Grades: 11-12
Prerequisite: At least a B in Biology
Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood spatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.

CHEMISTRY 1 year 13031
Grades: 11-12
Prerequisite: Physical Science the study of the structure and composition of matter that makes up living things and their environment. **Chemistry** also deals with the study of the changes of matter and the mechanisms by which changes occur. This **course** is recommended for college-bound students.



MATH

PRE-ALGEBRA (Prep Math) 1 Year 11030
Grades: 9-12
This course will help prepare students to be successful in algebra I and geometry.

ALGEBRA I 1 Year 11031
Grades: 9-12
Prerequisite: Pre-Algebra or Prep Math. NWEA test scores will be used for placement purposes.
Topics: How to graph and manipulate linear equations; Solving systems of linear equations/inequalities/ Performing basic operations on polynomials and rational expressions; Graphing and manipulating absolute-value equations and inequalities; Simplifying radical expressions and functions; I identify quadratic equations and parabolas; Basic concepts of probability and statistics.

ALGEBRA II 1 Year 11032
Grades: 10-12
Prerequisite: Algebra I and Geometry.
Topics: A more in depth look at all topics covered in Algebra I along with matrices, conic sections (circles, hyperbolas, and ellipses), complex numbers, composition and inverses of functions, and exponential and logarithmic functions.

GEOMETRY 1 Year 11120
Grades: 10-12
Prerequisite: Algebra I.
Topics: Geometric terminology; Angles; Parallel lines and transversals; Introduction to proofs and mathematical arguments; Congruent and similar figures; Properties of quadrilaterals,; A beginning look at Trigonometry (sine, cosine, tangent, Law of Sines, Law of Cosines, special right triangles); Circles and Arcs; (Surface) Area and volume of polygons/polyhedrons; Translations, reflections, and rotations.

ADVANCED MATH 1 Year 11162
Grades: 11-12
Prerequisite: Algebra I, Algebra II and Geometry (Must have **completed** all of these classes).
In this course we will more rigorously study the concepts covered in prerequisite courses along with advanced mathematical notation, solving abstract problems, manipulation and graphing sinusoids, percentiles and z scores, circular trigonometry and trigonometric functions/identities.

COLLEGE ALGEBRA 1 Semester 3 COLLEGE CREDITS 11034
Grades: 12
Prerequisites: ACT score 21, Algebra I & II, Geometry (Must have completed all of these classes)

Topics: Linear, quadratic, exponential, and logarithmic functions, roots and zeros of polynomial equations, remainder and factor theorems, variations, conic sections, systems of equations, and inequalities, sequences and series, matrices, and permutations and combinations.

CONSUMER MATH 1 Semester 11145
Grades 11-12
Prerequisites: Algebra 1
Consumer Math reinforces mathematical understanding and applies these skills to develop business and personal finance literacy.

ENGLISH



ENGLISH I 1 Year 05071
Grade: 9
To build a foundation for college and career readiness, students must read widely and deeply from among a broad range of high-quality, increasingly challenging literary and informational texts. Through reading stories, drama, and poems, from diverse cultures and different time periods, students gain literary and cultural knowledge as well as familiarity with various text structures and elements. There is a regular weekly grammar requirement as well as weekly vocabulary. One Shakespearean drama will be studied, along with at least three novels.

ENGLISH II 1 Year 05072
Grade: 10
To build a foundation for college and career readiness, students must read widely and deeply from among a broad range of high-quality, increasingly challenging literary and informational texts. Through extensive reading of stories, dramas, poems, and myths from diverse cultures and different time periods, students gain literary and cultural knowledge as well as familiarity with various text structures and elements. There is a regular grammar requirement, as well as weekly vocabulary. One Shakespearean drama will be studied along with at least two novels and several other short works of prose.

ENGLISH III 1 Year 05073
Grade 11
To build a foundation for college and career readiness, students must read widely and deeply from among a broad range of high-quality, increasingly challenging literary and informational texts. Through extensive reading of stories, dramas, poems, and myths from diverse cultures and different time periods, students gain literary and cultural knowledge as well as familiarity with various text structures and elements. There is a regular grammar requirement, as well as weekly vocabulary. Students will also be responsible for one large-scale research paper. The literature focus will be heavily early American Literature and foundational documents of the United States.
This class is a requirement for all juniors.

ADVANCED SPEECH COMMUNICATIONS 1 Semester 3 COLLEGE CREDITS 05077
Grades: 11-12
Prerequisite: Basic Speech

Basic principles of speech from the viewpoint of delivery and composition. Emphasis on student performance, research skills, and peer evaluations. Use of media and technology for presentation purposes.

COMPOSITION 110 1 Semester, 3 COLLEGE CREDITS 05040
Grade: 12
Prerequisite: 3.5 cumulative GPA
An introduction to traditional English grammar as the foundation of modern prose style, leading to the understanding of the concept of classical Aristotelian education and generative rhetoric. This approach teaches the logical structure of the sentence as well as its editorial elements, such as usage, punctuation, and spelling. The structure of the sentence is used as a model for constructing paragraphs and later multi-paragraph essays in the various modes of organizational patterns of written expression. This course offers guided practice in college-level writing and critical thinking, and appropriate IT skills.

COMPOSITION 120 1 Semester, 3 COLLEGE CREDITS 05041
Grade 12
Prerequisite: Composition 101 and 3.5 cumulative GPA
Welcome to English 120! The course directly addresses the college-wide abilities of written communication and critical thinking through the production of effective expository essays of the type generally required in academic work at the college level. A variety of writing assignments will generate student writing with emphasis on modern prose styles analyzed from the textbook. A research process, paper and presentation will be required. Emphasis on research data bases and technology's integration in the writing process will be utilized.

SENIOR ENGLISH 1 year 05074
Grades: 12
Read and interpret various forms of literature (poetry, short story, etc.). Students will write multiple essays (persuasive, expository, reflective, etc.). Students will learn practical real-world writing (resumes, cover letters, emails, etc.) Will address principles of speech from the viewpoint of delivery and composition. A semester long service project will be required as well as weekly vocabulary.

MYTHOLOGY 1 Semester 05043
Grade: 10-12
Mythology is designed to give students basic knowledge of myths from various periods of history around the world, enabling students to understand why and how particular events happened. This class will also explain why and how societies used myths to express values as well as how mythology impacts historical and modern-day culture. The focus is on Greco-Roman, Norse, Native American, Egyptian, and Asian.

BUSINESS

ACCOUNTING I 1 Semester 14010
Grades 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 into the course.

ENTREPRENURERIAL ACCOUNTING (Real Life Business) 1 Semester 14015
Grades: 9-12
Students will examine the principles, techniques, and uses of accounting in the planning, control, and decision-making of business organizations from an entrepreneurial perspective.

INTRO TO COMPUTER SCIENCE PRINCIPLES/CYBERSECURITY 1 Year 27101
Grades: 9-12
An exploratory level course that provides an exposure to careers and issues in information technology. Students will develop SCAN skills including teamwork, communication, entrepreneurship, and personal management. Students will also gain hands-on experience in three major IT areas including: Hardware and software: Safety and tools, numbering systems and basic electricity, operating systems, troubleshooting, ect. Networking: LAN fundamentals, peer to peer networking, IP addressing, troubleshooting, ect. Programming/Interactive-media: Visual Basic and HTML basics.

FOREIGN LANGUAGE

SPANISH I 1 Year 06211
Level 1 introduces students to the Spanish language and culture. Students will be able to engage in short conversations, present information, and compare languages, pronunciations, and cultures.

SPANISH II 1 Year 06212
Prerequisite: Spanish I. Level 2 begins with a thorough review of core level 1content before students move on to a more advanced language skill. Students will gain confidence to master basic conversational skills in Spanish while building a fundamental vocabulary and essential language structures.

SPANISH III 1 Year 06213
Prerequisites: Spanish I and Spanish II. Level 3 begins with a thorough review of core level 2 content before students move on to a more advanced language skill. Students continue to add to their vocabulary and learn complex grammatical structures.

SPANISH IV 1 Year 06214

Prerequisites: Spanish I and Spanish II, and Spanish III. Level 4 begins with a thorough review of core level 3 content before students move on to a more advanced language skill. Students continue to add to their vocabulary and learn complex grammatical structures.

ART

ART 1 Semester 02020
Grades: 9-12
Prerequisite: Fundamentals of Art or Permission of instructor
Pottery-hand building, modern artists, acrylic painting, advanced drawing, Byzantine period, montage, drapery.

ADVANCED STUDIO ART 1 Semester 02581
Grades: 10-12
Painting, theme work, advanced drawing, airbrush, advanced collage & mosaic.

COMMERICAL ART I 1 Semester 02050
Grades: 9-12
Lettering/layout, poster design, personal and assigned design projects, watercolor.

COMMERICAL ART II 1 Semester 02050
Grades: 10-12
Prerequisite: 1 semester of art
Pottery, portfolio work, individual interests, printmaking.

COLOR AND DESIGN 1 Semester 02022
Grades 9-12
Basics of color theory, the use of color harmonies, design elements of line, shape form along with visual balance symmetrical, asymmetrical Styles of design patterns.

DRAWING 1 Semester 02025
Grades 9-12
Drawing focuses on drawing. In keeping with this attention on two- dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on). Still, some courses may focus on only one medium.

PAINTING 1 Semester 02026
Grades 9-12
Painting focuses on painting. In keeping with this attention on two- dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on). Still, some courses may focus on only one medium.

MUSIC

SENIOR HIGH BAND 1 Year 12051
Grades: 9-12
Students must enroll in both the Fall and Spring Semesters to receive credit. Band meets Monday, Wednesday, and Fridays. This class is the study of instrumental music through group performance. A requirement for this class is attendance at all scheduled concerts. By signing up for band you agree upon auditioning for the large group festival. This process is done by the music teacher. Students will be analyzed based on behavior and music ability throughout the first semester. Half credit (.5) per year.

SENIOR HIGH CHORUS 1 Year 12040
Grades: 9-12
Students must enroll in both the Fall and Spring semesters to receive credit. Chorus meets Tuesday and Thursdays. This class is the study of vocal music through performance. A requirement for this class is attendance at all scheduled concerts. By signing up for choir you agree upon auditioning for the large group festival. This process is done by the music teacher. Students will be analyzed based on behavior and music ability throughout the first semester. Half (.5) credit per year.

FAMILY AND CONSUMER SCIENCES

FACS 1: 1 Semester 09022
Grades: 9-12
This class will introduce the basic concepts in all areas of Family and Consumer Sciences. We will cover organization of resources to provide for needs; making consumer decisions; creating a 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 is designed to give you an understanding of independence and is activity based.

FACS 2: 1 Semester 09023
Grades: 9-12
Prerequisite: FACS 1
To provide students with experiences in all areas of Family and Consumer Sciences at a more advanced level than in FACS 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.

FACS 3 1 Semester 09024
Grades: 11-12
Prerequisite: FACS 2
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 Consumer Sciences II and should be determined by the needs and interests of the students enrolled.

CHILD DEVELOPMENT: 1 Semester 09026
Grades: 10-12
The study of children and how they grow and develop, the care and guidance of children, and preparation for parenthood.

NUTRITION AND FITNESS : 1 Semester 09137
Grades: 10-12
This course is designed for all students concerned about nutrition and fitness and will explore such topics as sports nutrition in relation to performance, decision making and personal goal setting and stress management in relation to personal needs. Meal planning, fast foods, restaurant dining, family practices, genetically altered foods, weight loss and gain and current nutrition guidelines may be components of this course. Students will learn to read and interpret labels in relation to their dietary needs. Personal wellness and a healthy lifestyle will be the basis for lab experiences.

INDEPENDENT LIVING (FACs for Seniors): 1 Semester 09025
Grades: 12
This class will prepare students for the responsibilities involved in becoming self-sufficient young adults preparing for life away from parents during or immediately following high school. We will cover: 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.

TEACHING PROFESSION: 1 Semester 09041
Grades: 10-12
This course introduces students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. A few of the topics include classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.

PHYSICAL EDUCATION AND HEALTH

PHYSICAL EDUCATION 9: 1 SEMESTER **required by all 9th graders**

STRENGTH AND QUICKNESS /AEROBICS 1 Semester 08040
This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Course includes both lecture and activity sessions.

TEAM SPORT FUNDAMENTALS 1 Semester 08041
Flag Football, Volleyball, Soccer, Basketball, Matball, Softball, ect.

SPORTS OFFICIATING 1 Semester 08046

In Sports Officiating, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sports official plays in maintaining fair play.

HEALTH 1 Semester 08010
Grade: (10-12) 10th grade requirement for graduation
Interpersonal relationships, mental health, chemical usage, consumer and environmental health, family life and relationships, nutrition, control of disease and healthy decision-making skills.

COOPERATIVE WORK EXPIENCE

COOPERATIVE WORK/EXTENDED
Open to seniors 1 Semester 10999
To allow students credit for work experience. An instructional plan, which combines regularly, scheduled supervised employment in the community and school instruction. The job must be consistent with the occupational objectives of students. They are granted release time from school. Emphasis on applied academics, professional development, leadership, and organizational skills are integrated throughout the curriculum. Students are responsible for their own transportation to and from the worksite.

TECHNOLOGY EDUCATION

APPLYING TECHNOLOGY 1 Semester 10093
Grades: 9-12
Applying Technology will provide students with the opportunity to develop an understanding of the tools, materials, and processes involved in construction, woodworking, and other technology based production. Focus will be on tools and equipment as well as introductions to architecture, 3D design, aviation, circuits, and laser engraving. Topics may vary from semester to semester depending on student's experience and interests.

AUDIO & VIDEO PRODUCTION 1 Semester 10251
Audio/Visual Production courses provide students with the knowledge and skills necessary for television, video, film, online, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses. Students are usually required to produce their program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.

COMMUNICATION TECHNOLOGY 1 Semester 10251
Grades 9-12
This activity-based course provides the application of tools, materials, and energy in developing, processing, using, and assessing communication systems. Students will produce graphic and electronic media as they explore techniques used to apply technology to communicate information and ideas.

CONSTRUCTION TECHNOLOGY 1 Semester 10111
Grades: 10-12

Prerequisite: Applying Technology
Students will use skills learned in Applying Technology to start the process of constructing a full-scale general construction project such as a storage shed.

DESIGN TECHNOLOGY 1 Semester 10259
Grades 9-12
An exploration of the theories and application of design in architecture. Students will use architectural software to design homes or businesses. Other technologies, such as 3d printing and laser cutting, may be explored as needed.

ENERGY TRANSPORTATION 1 Semester 10331
Grades: 9-12
This is an activity-based course that introduces students to generation, conversion, control, transmission and storage of energy. Machines and tools are used to increase strength and mechanical advantage in the movement of people and materials.

MANUFACTURING TECHNOLOGY 1 Semester 10121
Prerequisite: Applying Technology
To provide students with a broad overview of the technology involved in creating and producing consumer products. The study will include techniques and processes used to produce goods, including manufacturing systems, materials, planning, financing, and distribution

PRODUCTION TECHNOLOGY 1 Semester 10110
Grades: 10-12
Prerequisite: Applying Technology
Students will use the skills learning in Applying Technology to construct individual or group projects. Projects may be woodworking-based or may focus on another area of technology such as aviation, architecture, alternative energy, and 3D design. Other areas may be included pending instructor approval.

3D MODELING 1 Semester 10260
Grades: 10-12
3D Modeling and Design introduces students to the 3D design process using various design software. The course focuses on the software but also prepares students with opportunities to apply the design process in the invention or innovation of a new product, process, or system. Students learn about the core concepts of technology and about the various approaches to solving problems, including engineering design and experimentation. Students apply their creativity in the invention and innovation of new products, processes, or systems. Students participate in engineering design activities where they learn about brainstorming, visualizing, modeling, construction, testing, experimenting, and refining designs.

Exploring Tech 1 Semester
Grade 8
Students gain entry level experience in all areas explored in later courses. This includes woodworking and tools, 3d modeling, architecture, energy and transportation, aviation, audio video production and supply and demand.