

BISMARCK PUBLIC SCHOOLS

9th Grade Registration Guide



2023-2024

Century High School Edition

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Graduation Requirements for Bismarck Public Schools

Credits required for graduation from Bismarck Public Schools = 24

Required core credits = 15 Choose from the following:

English – 4 credits of

English

English 9
English 10, or
Honors English 10
English 11 or
English 11/U.S. History
(American Pageant)
Advanced Placement English 11
English 12 or
English 12 Flip
Advanced Placement English 12

Mathematics – 3 credits of mathematics

Algebra I is required, or
Algebra I – Year 1
Algebra I – Year 2
Informal Geometry
Geometry or
Enriched Geometry
Algebra Plus
Algebra II or
Enriched Algebra II
College Algebra
Probability & Statistics
Pre-Calculus
Advanced Placement Statistics
Advanced Placement Calculus AB or BC
Math for the 21st Century

Physical Education – 2 credits of

physical education (one semester each year 9-12)

Phy. Ed. 9 (required)
Phy. Ed. 10 (required)
Phy. Ed. 11
Phy. Ed. 12
^Intro to Weight Training
^Fit Female
^Fit Male
^*Health
^*Family Living
^*Parenting
*Can replace Phy. Ed 12
^Can replace Phy. Ed 11

Science – 3 credits of lab science

Physical Science is required, or
Applied Physical Science
Biology is required, or
Advanced Placement Biology
CTE – Botany/Horticulture (full year)
Integrated Science
Chemistry
Ecology
Geoscience
Physics
Anatomy/Physiology
Forensics
Advanced Placement Chemistry
Advanced Placement Physics I & II
Advanced Placement Biology
CTE – Agri-Science Technology
CTE – Botany/ Horticulture

Social Studies – 3 credits of social studies

Global Studies or World History I & II
U.S. History 1914/1945 or
English 11/U.S. History
(American Pageant)
Advanced Placement U.S. History
Government (semester) or
Advanced Placement Government (full year)
Economics(semester)

In addition, 3 elective credits must be in foreign or Native American languages, fine arts, or career and technical education courses. Students must also pass the National Civics Test.

North Dakota University System (NDUS) Admission Requirements

4 credits of English; 3 credits of mathematics, Algebra I and above; 3 credits of laboratory science; 3 credits of social studies

The NDUS strongly recommends that high school students intending to enroll in four-year universities take Algebra II and two credits of a single classical or modern language. Many out of state colleges require two or more credits of the same language, a credit of fine arts, or other requirements. Check with college websites for specific college requirements.

UND and NDSU require one additional unit of core credit (can include foreign language).

Schedule Requirements

- A. To be classified as a sophomore, students must have earned at least five (5) credits at the end of the freshman year.
- B. To be classified as a junior, students must have earned at least ten (10) credits at the end of the sophomore year.
- C. To be classified as a senior, students must have earned at least seventeen (17) credits at the end of the junior year.

Please note:

- Freshmen must carry a minimum of seven (7) hours of class each semester, of which two (2) can be a music performance class.
- Sophomores and juniors must carry a minimum of six (6) hours of class each semester, of which two (2) can be a music performance class.
- Seniors are required to carry a minimum of five (5) hours of classes each semester of which two (2) can be a music performance class.
- Students can apply no more than two (2) credits of Weight Training, Fit Female, and Fit Male combined toward the minimum graduation requirements.
- Students can apply only five (5) credits of music performance toward the minimum graduation requirements.
- Students can apply only four (4) credits of journalism toward the minimum graduation requirements.
- Students enrolled in any cooperative work program must carry six (6) hours -- sophomores and juniors -- or five (5) hours -- seniors -- of class work in addition to this course.

North Dakota University System (NDUS) Admission Requirements

Four credits of English
Three credits of mathematics, Algebra I and above
Three credits of laboratory science
Three credits of social studies
One additional core credit (UND and NDSU)

The NDUS strongly recommends that high school students intending to enroll in four-year universities take Algebra II and two credits of a single classical or modern language. Many out of state colleges require two or more credits of the same language, a credit of fine arts, or other requirements. Check with college websites for specific college requirements.

Grade Point Average (GPA) Calculation

Grade Point Average (GPA) will be calculated on a 4.0 scale system of A=4.0, B=3.0, C=2.0, D=1.0, F=0.0 for all high school classes except Advanced Placement courses. Advanced Placement courses at the high school level will use a weighted grade system of A=5.0, B=4.0, C=3.0, D=2.0, F=0.0 for calculation of Weighted Grade Point Average (GPA). Weighted and Non-weighted GPA will be recorded on the official transcript. Class rank shall be determined based on GPA, with all 4.0 GPA and above given the rank of 1 in the class.



NORTH DAKOTA SCHOLARSHIP as aligned to the Choice Ready Framework

The North Dakota Scholarship framework is a tool to assist educators in understanding the requirements of the ND Scholarship, as listed in North Dakota Century Code 15.1-21-D2.10. Requirements begin with the ESSENTIAL SKILLS section. Students shall then strive to be POST-SECONDARY READY, WORKFORCE READY, and/or MILITARY READY, according to the requirements listed below.



ESSENTIAL SKILLS (15.1-21-02.10(5))

Earn a [North Dakota high school diploma](#)

Complete a [9-week Career Education/Individual Counseling](#), [4-year Rolling Plan](#), pass [ND Civics Test](#), earn a [3.0 or higher overall GPA](#), and [four or more additional indicators](#):

- ◆ 25 hours of Community Service
- ◆ 95% Attendance (not counting school related absences)
- ◆ Career Exploration Experience
- ◆ Two or more years in organized Co-Curricular Activities
- ◆ Two or more years in organized Extra-Curricular Activities
- ◆ Successfully complete a Capstone Project
- ◆ Successfully complete an online learning course
- ◆ Demonstrate competency in 21st Century Skills

Students shall achieve Essential Skills above, and complete two or more of the CHOICE READY components below to be eligible for the ND Scholarship.



POST-SECONDARY READY

Complete both indicator sets below:

ACT/SAT minimum composit score:

- ◆ ACT composite of 24, or
- ◆ SAT composite of 1180

and

Two or more additional indicators:

- ◆ Advanced Placement Course (A, B or C) (1, 2 or 3)
- ◆ Dual Credit Course (English or Math) (A, B or C) (1, 2 or 3)
- ◆ Algebra II (A, B or C) (1, 2 or 3)
- ◆ Advanced Placement Exam (3+)
- ◆ International Baccalaureate Exam (4+)
- ◆ 3.0 GPA in core course requirements for NDUS admission



WORKFORCE READY

Complete both indicator sets below:

- ◆ 4 credits of CTE with 2 credits in same plan of study
- ◆ ACT of 24, or 5 or higher on all three WorkKeys tests

and

Two or more additional indicators:

- ◆ Complete Career Ready Practices Course
- ◆ Dual Credit Course (A, B or C) (1, 2 or 3)
- ◆ Technical Assessment/Industry Credential
- ◆ Workplace Learning Experience (40 hrs.)
- ◆ Work-based Learning Experience (Perkins V) (40 hrs.)
- ◆ NDSA (Reading/Math) Level 3 or greater, or ACT for Accountability: English 19/Mathematics 22 or greater



MILITARY READY

Complete all three indicators below:

- ◆ ASVAB score of 85 or greater, or ASVAB score of 31 or greater and have completed Basic Training,
- ◆ Physically Fit - Have successfully completed required PE courses (A, B or C) (1, 2 or 3), and
- ◆ Complete two or more additional indicators from the Post-Secondary or Workforce options

NINTH GRADE COURSES

REQUIRED

English

English 9

Math

Algebra 1 – Year 1 (Introduction)

Algebra 1

Enriched Geometry

Physical Education

Physical Education 9

Science

Physical Science

Applied Physical Science

Social Studies

Global Studies

ELECTIVES

<p>Art Art 1 Arts & Crafts Photography & Advertising Art I and II</p> <p>Business Education Business Software Applications Marketing I Marketing II Personal Finance</p> <p>Computer Programming Computer Programming I Advanced Placement Computer Science Principles</p> <p>English Theatre Arts Newspaper-Journalism Yearbook- Journalism Literary Magazine-Journalism Reading Strategies</p> <p>Family and Consumer Science Introduction to Foods Child Development Clothing & Textiles I Homes and Interior Design</p> <p>Miscellaneous AVID Leadership I Leadership II</p> <p>Music Freshman Band Freshman Choir Freshman Orchestra Jazz Choir Wind Ensemble Jazz Ensemble</p>	<p>Physical Education Health Introduction to Weight Training Fit Female Fit Male</p> <p>Social Studies North Dakota History Psychology Sociology U.S. History 1763-1880 World History I World History II</p> <p>Special Services/Life Education Applied Topics CTRE</p> <p>Career & Technical Education AC Electronics Applied Mechanics Building Systems Building Systems II Computer Hardware DC Electronics Foundations of Technology Intro to Agriculture Introduction to Computers Medical Careers Robotics</p> <p>World Language French I German I Latin I Spanish I</p>
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CENTURY HIGH SCHOOL COURSE DESCRIPTION – NINTH GRADE

ART

ART I.....full year.....1 credit

Cost of supplies and materials \$50.00

This beginning class explores the elements and principles of art through the study of different media. This class also prepares students for advanced classes. It allows students to investigate color theory, art history and techniques in drawing, painting, sculpture, and printmaking. Students will reflect on their art through verbal and written interpretation. Artists will have an opportunity to exhibit their art.

ARTS & CRAFTS.....Semester 1 or 2.....1/2 credit

Cost of supplies and materials is \$35.00

This class will provide students with the history and practice of art and craft projects with background in the tools, materials, and techniques needed to complete each project. This course will provide students with exposure to cultural and contemporary projects that relate to their everyday life and usage. Projects that may be covered include: glass etching, weaving, tie-dye, hemp, jewelry, clay work, print making. These areas of study will vary with each class and semester.

PHOTOGRAPHY & ADVERTISING ART I.....Semester 1.....1/2 credit

Cost of supplies and materials is \$35.00

This introductory course will cover the basics of photography: digital photography, black-and-white, along with color. Content will consist of composition, design, development, and photo editing using Adobe Photoshop. The advertising art section of the class will cover the principles of design and elements of art, along with advertising techniques. Cameras being used will be cell phone camera, digital cameras, and traditional 35 mm cameras. The projects will aid the student in understanding daily life as a producer and consumer in the mass media world.

PHOTOGRAPHY & ADVERTISING ART II.....Semester 2.....1/2 credit

Prerequisite: Photography & Advertising Art I. Cost of supplies and materials is \$35.00

This advanced course will challenge students with their knowledge of photography and advertising art techniques, and processes. Students will develop a portfolio representing their best photographs and designs of original self-expression. Students will also study historical works of established photographers and graphic designers. Students will be provided the opportunity for individual exploration into areas and styles of interest. Content will consist of composition, design, development, and photo editing using Adobe Photoshop. Again, emphasis will be placed on daily life as a producer and consumer in the mass media world. Cameras being used will be cell phone cameras, digital cameras, and traditional 35mm cameras.

BUSINESS EDUCATION

BUSINESS SOFTWARE APPLICATIONS.....Semester 1 or 2.....1/2 credit

This course will utilize the Microsoft Office Suite to create documents and presentations that are applicable to home and school use. Students will learn to use word processing software and develop skills for creating presentation documents. Students will learn spreadsheet applications with emphasis on using formulas, sorting, and creating tables and charts. These skills will not only apply to students during their time in the Bismarck Public Schools, but will also apply to future job and college tasks.

MARKETING I.....Semester 1.....1/2 credit

This course will provide students with an overview of marketing occupations, necessary for all careers. This introductory course develops student understanding and skills in various business & marketing functions. Students acquire knowledge of business activities and factors affecting business, develop verbal and written communication skills, utilize job-seeking skills, and participate in career planning. Projects are integrated throughout the course.

MARKETING II.....Semester 2.....1/2 credit

Prerequisite: successful completion of Marketing I.

Marketing II furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects.

PERSONAL FINANCE.....Semester 1 or 2.....1/2 credit

Personal Finance is a course highly recommended for every student, as well as for those interested in a business career. This course goes beyond traditional credit card and check-writing skills. You will learn how to manage personal finances and apply the basics of investing...and then you'll teach those skills to others.

COMPUTER PROGRAMMING

COMPUTER PROGRAMMING I.....Semester 1 or 2.....1/2 credit

Recommended: 1 year of Algebra I

This course introduces the basics of computer programming using Visual Basic. Students will write their own computer applications, create basic animations, and be introduced to HTML code. This hands-on course emphasizes logical thinking and problem solving skills.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES.....full year...1 credit

Prerequisite: 1 year of Algebra I

This course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines. Students are introduced to programming through a variety of different styles and encouraged to apply creative. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. Topics include: The Internet (binary, IP addresses, packets, routing, protocols, etc.), Digital Information (compression, images, visualization, etc.), Algorithms and Programming (design, abstraction, functions, loops, etc.), Big Data & Privacy (implications, encryption, etc.), Building Apps (variables, Boolean logic, arrays, etc.), and Performance tasks (Create PT and Explore PT).

ENGLISH

ENGLISH 9.....full year.....1 credit

This required course for ninth graders earns one high school credit. The first semester's study includes composition, the short story, poetry, nonfiction, an epic poem and mythology, and speaking. The second semester covers the study of the novel, drama, grammar and composition, and speaking.

ENGLISH ELECTIVES

THEATRE ARTS Semester 1 and/or 2.....1/2 or 1 credit

This course is designed for the student with a special interest in live theatre. Units in play analysis, acting, history, theory, and technical theatre will be covered in coordination with a practical, hands-on experience in all aspects of theatrical production.

NEWSPAPER - JOURNALISM full year1 credit.

This class may be taken more than once; however, only 4 credits of journalism may be applied toward minimum graduation requirements.

Newspaper journalism focuses on journalistic writing methods and production which includes editing, photography, graphics, advertising, desktop publishing, and art. Emphasis centers on producing the student newspaper. After completing this class, students will have a marketable skill.

YEARBOOK - JOURNALISM full year.....1 credit.

This class may be taken more than once; however, only 4 credits of journalism may be applied toward minimum graduation requirements.

This course emphasizes such yearbook production fundamentals as planning and organization, design and layout, headline setting, advertising and photography. A yearbook will be produced by the class. Production of the yearbook requires work outside the classroom hour for completion of the book.

LITERARY MAGAZINE-JOURNALISMfull year.....1 credit

This class may be taken more than once; however, only 4 credits of journalism may be applied toward minimum graduation requirements.

This class is designed for students who are passionate about creative writing and are willing to share their writing and receive constructive feedback. In this workshop/production setting, students will develop their creative writing skills as well as editing, desktop publishing, teamwork, and leadership skills. Students will study established authors of different genres and write poetry, short stories, personal narratives, and scripts. The class will also study photography and design as part of the creative process. Publication of a literary magazine will be the final product with a personal writing portfolio due at the end of each quarter.

READING STRATEGIES.....full year.....1 credit

The purpose of this course is to solidify reading skills and increase a student's reading proficiency. A solid reading foundation is critical for high school success and to be college, community, and career-ready. This course focuses on comprehension, critical thinking, vocabulary, fluency, and writing. Instruction is tailored to the individual reading needs of each student. Entry into this class is by placement only.

FAMILY AND CONSUMER SCIENCE

INTRODUCTION TO FOODS.....Semester 1 or 2.....1/2 credit

Introduction to Foods is an introductory course designed to help students gain knowledge in basic food concepts. The primary focus is to give students hands-on experiences with a variety of food preparation techniques, kitchen/food safety, and recipe analysis. A strong emphasis on health food choices is a recurring theme throughout the semester.

CHILD DEVELOPMENT.....Semester 1 or 2.....1/2 credit

This is a great course for students who expect to spend time around children. Throughout the semester students will be learning about the different stages of development from birth through the preschool years. Students will learn about babies through an infant simulation, learn how to plan age appropriate activities and practice at working with children in a preschool setting.

CLOTHING AND TEXTILES Semester 1 or 2.....1/2 credit

Cost of fabric and supplies is the responsibility of the student.

A variety of sewing projects will be completed. Fabric, price, quality, and construction techniques will all be discussed in relation to individual consumer needs. Along with discussion of updates in the textile and fashion industry, areas to be covered will include: personal color analysis, designs which complement the figure, and current trends and issues in fashion. Students will also explore the fashion industry and its methods of production and merchandising, as well as careers in fashion, design and merchandising.

HOMES AND INTERIOR DESIGN.....Semester 1 or 2.....1/2 credit

In this class, students will explore the exciting world of interior design. They will learn about furniture styles, decorating with color, architectural influence in housing, and applying professional decorating techniques using the elements and principles of design. Many hands-on projects are assigned in this class.

MATHEMATICS

ALGEBRA 1 – YEAR 1 (INTRODUCTION)full year.....1 credit

Algebra I – Year 1 (Introduction) is the first course in a two-year Algebra I program designed to help students be successful in mathematics that is required for college and in the work place. This course will also be beneficial for anyone interested in a technical career. Content in the first year includes material that is traditionally found in the first semester of a full year Algebra I class. Algebra I – Year 1 differs from Algebra I primarily in the time and manner in which topics are discussed. It will take two years (Algebra I – Year 1 and Algebra I – Year 2) to complete the Algebra I college requirement.

ALGEBRA 1.....full year.....1 credit

Algebra I is a branch of mathematics that includes the use of variables to express general rules about numbers, number relationships, and operations. This is the first course in the traditional college preparatory sequence. This course will also be beneficial for anyone interested in a technical career.

ENRICHED GEOMETRY.....full year.....1 credit

This is a traditional geometry course recommended for students who intend to pursue a 4-year college degree. Geometry is one of the most interesting, creative and useful branches of mathematics. The following topics are covered: a study of deductive reasoning, triangles, quadrilaterals, other polygons, and geometric solids. Consideration is also given to the application of geometry to other subjects. An average of “C” or better in Algebra I is recommended

MISCELLANEOUS

AVID (Advancement via Individual Determination)full year...1 credit

Enrollment in AVID requires an application, interview and contract. Applications are available in Student Services. AVID is an elective course which provides students with an intensive preparation for higher education. AVID focuses on writing, inquiry, collaboration, organization and reading (WICOR). Students also learn strategies in organization, note taking, and goal setting to enhance skills in preparation for college. AVID is for students who are highly motivated, have the desire to go to college, and the willingness to work hard. These are students who are capable of completing rigorous curriculum and are willing to learn new skills to reach their potential

LEADERSHIP I.....Semester 11/2 credit

This course is designed to prepare a new generation of youth to create positive change in their school and community. Students will gain skills in collaboration, problem solving, communication, and creativity to grow themselves as leaders, which will positively impact their lives. This course offers a personal learning environment for students where they design and implement service projects and school-wide programs. As students grow to build leadership skills from an individual perspective, they will gain a lifelong understanding that leadership comes in many forms.

LEADERSHIP II.....Semester 2.....1/2 credit

Prerequisite: Leadership I

Students who have taken Leadership 1 and want to further their skills and knowledge in leadership should consider taking this class. This course is a more in-depth look at leadership. Students will study community and world leaders to understand how their personal experiences led to effective leadership. They will work to create new programs and service learning projects that are relevant to their classmates and community. Opportunities will be created to mentor others, which will create a more positive community and culture in our schools.

MEDICAL CAREERS.....full year.....1 credit

This year-long course provides students with information relating to the educational and professional requirements for the various medical careers. Students will study the fundamentals of diseases, basic anatomy and physiology, and medical terminology. Students will become certified in the Healthcare Provider level of CPR/AED for the Professional Rescuer and American HeartSaver First Aid. Dual credit from Bismarck State College is available (HPER 210) *Students need to be 16 in order to receive dual credit.*

MUSIC

FRESHMEN BAND.....full year.....1 credit

This course is open to any student, but is specifically aimed at incoming freshmen. It is designed to help students develop the skills necessary for high school band. Special emphasis will be placed on scales, technique, intonation, and methods as well as literature graded 2-3. The literature is designed to be lighter in nature than that studied in Prep Band, Concert Band, or Wind Ensemble. Performances for this band include concerts, parades, festivals, pep band events, and special community performances. Members of the Freshmen Band do not travel on band tours. Prior instrumental experience is strongly encouraged, but not required

FRESHMEN CHOIR.....full year.....1 credit

Basic fundamentals of singing are covered and many types of music are studied. This group performs all types of music at concerts and other performances. In addition, members have the opportunity to participate in WDA music festivals, ACDA honor choirs and the ND All-State. Jazz Choir may be an option for some members of Freshman Choir and members are selected by audition.

FRESHMEN ORCHESTRA.....full year.....1 credit

Freshman Orchestra is a class for string players. It is open to students who have had a minimum of three years of playing experience in elementary school and/or middle school or the equivalent in private study. This class meets daily and covers a wide variety of musical literature as well as perfecting and learning new technical skills.

JAZZ CHOIR.....full year..... 1 credit

Prerequisite: Audition with the instructor

Membership is open by audition only. This class meets daily and performances include many school and community events. Vocal Jazz and pop literature are covered. Students must be enrolled in either Prep Choir or Concert Choir to be eligible for Jazz Choir.

JAZZ ENSEMBLE #1.....full year.....1 credit

Jazz Ensemble #1 meets on a daily basis and is for students that have reached a high level of proficiency on their instrument. Advanced jazz literature that is scored for saxophone, trumpet, trombone, and rhythm section, will be pursued. Special emphasis will be placed on correct jazz articulation, style, and improvisation. This group performs several times a year at concerts and various jazz festivals. **Participation in another concert instrumental ensemble (band or orchestra) and prior instrumental experience is required to participate as a member of Jazz Ensemble**

#1. Placement in the group is by audition only.

WIND ENSEMBLE.....full year..... 1 credit

An audition with the instructor is required.

This course is designed for students that have reached a high level of proficiency on their instrument. Advanced band literature graded 4-6 will be pursued. Performances for this band include concerts, parades, festivals, pep band events, and special community performances. Members of the Wind Ensemble have the opportunity to participate on the band tour which occurs on an alternating basis. **Prior instrumental experience is required to participate as a member of Wind Ensemble and placement in the group is by audition only.**

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9.....Semester 1 or 2.....1/2 credit

This course is designed to provide physical activity for all students. Activities include basketball, volleyball, softball, badminton, health, STX lacrosse, outdoor recreation games, dance, fitness testing, eclipse and tchouk ball, and concepts of fitness. It is required that all physical education students wear a regulation PE t-shirt, shorts, sweat pants, socks and athletic shoes. Physical education shirts can be purchased from the physical education department.

PHYSICAL EDUCATION ELECTIVES

INTRODUCTION TO WEIGHT TRAINING.....Semester 1 or 2.....1/2 credit

Only two (2) credits of Fit Female, Fit Male, & Weight Training combined may be applied toward graduation.

In this course, the students will gain a basic knowledge of weightlifting. This will include using proper techniques, use of a spotter and other safety measures. In addition, students will be able to develop their own individualized weightlifting program. They will learn how to monitor, evaluate and modify their program as needed. All students should see significant strength gains. Students will need proper clothing, socks and athletic shoes. **This class cannot be substituted for required physical education 9.**

HEALTH EDUCATIONSemester 1 or 2.....1/2 credit

Health Education is a course designed to assist the student with the life challenges faced from the teen years and on into adulthood. Course content will include interpersonal relationships, health, chemical dependencies, consumer and environmental health, family life, relationships, nutrition, control of diseases, critical thinking and decision making skills. Emphasis is on the use of health values in decision-making and becoming responsible for individual health. **This class cannot be substituted for required physical education 9.**

FIT FEMALESemester 1 or 2.....1/2 credit

Students will learn how to develop individualized workout plans, self-monitor, evaluate and monitor their progress toward their fitness goals. They will emphasize strength training techniques, nutrition, body image work, and development of a cardiovascular program. The course will focus on fitness and healthy lifestyles for females and will encompass all areas of wellness. **This class cannot be substituted for required physical education 9.**

FIT MALESemester 1 or 2.....1/2 credit

This course will emphasize strength training techniques, nutrition, body image work, and cardiovascular program. The course will focus on fitness and healthy lifestyles for males and will encompass all areas of wellness. **This class cannot be substituted for required physical education 9.**

SCIENCE

PHYSICAL SCIENCE.....full year.....1 credit

This is an introductory lab science involving the study of matter and energy. The study of matter includes properties of matter, physical and chemical changes, mixtures, elements, compounds, chemical reactions, and families of compounds. The study of energy includes motion, nature of forces, work, power, light, sound, electricity, heat, and radioactivity. Students will conduct experiments using standard lab equipment and computer interface equipment.

APPLIED PHYSICAL SCIENCE.....full year.....1 credit

Applied Physical Science is an introductory lab science involving the study of matter and energy. The study of matter includes properties of matter, physical and chemical changes, mixtures, elements, compounds, chemical reactions, and families of compounds. The study of energy includes motion, nature of forces, work, power, light, sound, electricity, heat, and radioactivity. Students will be introduced to basic physical science topics using standard lab equipment. This course is intended for students that struggle with basic algebraic functions.

SOCIAL STUDIES

GLOBAL STUDIES.....full year.....1 credit

This course is a study of culture, geography and history of Eastern Hemisphere nations. Emphasis is placed on political and economic systems, as well as religious and cultural differences and similarities. It is an explanation of historical events and how those events apply to world conditions today.

SOCIAL STUDIES ELECTIVES

NORTH DAKOTA HISTORY.....Semester 1 or 21/2 credit

This class open to all students in high school will focus on the history of North Dakota. Topics covered will include study of Native American tribes and cultures specific to North Dakota, the development of Dakota Territory into the State of North Dakota, along with state government, history, economics, and geography through articles from the North Dakota History Journal.

PSYCHOLOGYSemester 1 or 2.....1/2 credit

This is an elective course designed to introduce the student to psychology. It will enable students to better understand themselves and others. Emphasis is placed on human development, personality/behavior, learning/thinking, abnormal behavior/therapy and the maintenance of mental health.

SOCIOLOGY.....semester 1 or 2.....1/2 credit

Sociology is an elective course designed to introduce students to the study of human groups and the social environment(s) they create. Demonstrating the relevancy of sociology to every student will be stressed with emphasis placed on deviance, family, culture, social groups/class, gender identity, social problems, religion, and the process of change in society.

U.S. HISTORY 1763-1880 (Revolutionary War-Reconstruction).....Semester 1 or 2.... 1/2 credit
Major areas of study include events leading to the Revolutionary War and its results, the U.S. Constitution, Jacksonian Democracy, the West, Expansion, and Industrialization.

WORLD HISTORY I (Pre-History - 1500 A.D.).....Semester 1 only.....1/2 credit
This course, open to all students in high school, focuses on the early civilizations of both hemispheres and western Europe to 1500 A.D. It covers areas of study that include Egypt, Babylon, Greece, Rome, the Crusades, and early Asian, African, and American cultures. It also covers the beginning of intellectual activity, the environment of political institutions, and the formation of economic systems.

WORLD HISTORY II (1500 A.D. - The Present).....Semester 2 only.....1/2 credit
This course, open to all students in high school, focuses on the broad history of the world from 1500 to modern times. It continues with the scientific revolution, the rise of nationalism and imperialism, industrialization with its technological and economic changes, concluding with an examination of the problems and conflicts of the world which have given us the challenges of present times.

SPECIAL SERVICES

CORE CLASSES

APPLIED TOPICS IN ENGLISH/LANGUAGE I..... full year.....1 credit requires I.E.P.
Individualized Education Plan

An introductory course designed to teach life skills impacting personal-social skills (maintaining good interpersonal skills and communicating with others) such as: listening and responding, communicating with understand, and effective written/verbal language skills.

APPLIED TOPICS IN MATH I..... full year..... 1 credit requires I.E.P.
Individualized Education Plan

An introductory course teaching math life skills in vocational, domestic living, leisure and recreation curricular areas, such as: using money, estimating, budgeting, making purchases, managing finances, and banking.

APPLIED TOPICS IN SCIENCE I..... full year..... 1 credit requires I.E.P.
Individualized Education Plan

An introductory course teaching basic information in physical and biological sciences such as: elements/compounds; chemical reactions/interactions; matter; motion; power and energy; sound/light; cells; living/non-living things; the human body; classifications, systems, and behaviors; nutrition, disease, environment; ecosystems and populations.

APPLIED TOPICS IN SOCIAL STUDIES I..... full year.....1 credit requires I.E.P.
Individualized Education Plan

An introductory course teaching life skills exhibiting responsible citizenship within the community, such as civil and citizen rights/responsibilities; local, state and federal government; laws, and local community, regional and state sites with/without use of a map.

ELECTIVE CLASSES

APPLIED TOPICS IN OCCUPATIONAL EDUCATION I..... full year.....1 credit requires I.E.P.
Individualized Education Plan

An introductory course teaching life skills in the vocational domain impacting daily living, occupational guidance and preparation, such as: appropriate work habits and behaviors; seeking employment; knowledge and exploration of occupational choices; and identifying occupational skills.

**APPLIED TOPICS IN DAILY LIVING I..... full year.....1 credit requires I.E.P.
Individualized Education Plan**

This is an introductory course to teach life skills impacting daily living and personal/social skills. Students will be introduced to topics including goal setting, caring for personal needs, organizational and study strategies, community and self-awareness, socially responsible behavior and developing appropriate interpersonal skills.

**APPLIED TOPICS IN HEALTH I..... full year.....1 credit requires I.E.P.
Individualized Education Plan**

An introductory course designed to teach life skills in the health domain impacting daily living skills (caring for personal needs) such as: dressing appropriately; practicing personal safety, proper grooming and hygiene, prevention, and treatment of common illnesses.

**APPLIED TOPICS IN ACCESSING COMMUNITY I..... full year.....1 credit requires I.E.P.
Individualized Education Plan**

An introductory course teaching awareness or semi-independence in accessing community environments, such as: traffic rules and safety, utilizing public transportation, mobility training, functional recognition of words and international symbols used in community settings.

**APPLIED TOPICS IN RECREATION/LEISURE I..... full year.....1 credit requires I.E.P.
Individualized Education Plan**

An introductory course designed to teach daily living skills (utilizing recreational facilities and engaging in leisure), such as: the value of recreation; community resources for lifelong leisure and recreation activities; choosing appropriate individual and group leisure activities.

Career and Technical Education

BPS Career Academy

(Course descriptions located in Career Academy Registration Guide)

WORLD LANGUAGE

FRENCH I or GERMAN I or SPANISH Ifull year.....1 credit

This is the first step in the language learning process! In this course, students use the language authentically, communicating in real-life situations from the beginning of the course. They learn pronunciation and basic grammar and vocabulary, primarily through the use of the language in meaningful contexts. Basic skills of language understanding are learned: speaking, reading, writing, and listening. Emphasis is on communication in interpersonal situations. Culture is an integral part of the course

LATIN I.....full year1 credit

This is the first step in the language learning process! Basic Latin grammar and stylistic analysis are introduced along with simple Latin readings. The student develops a basic Latin vocabulary with opportunities to enlarge his/her English vocabulary which could improve standardized test scores. Classical pronunciation to aid in reading comprehension is taught. The student is introduced to the customs of daily life and the geography of ancient Rome. Side benefits of Latin I are a knowledge of the basic structure of many Western languages, strengthening grammar skills in English, and improving English vocabulary and spelling.

Planning Ahead

24 credits

Use the following planning guide to plot your courses for grades 9-12. This sheet can help both student and parents make decisions that are in the student's best interest during the critical years ahead.

<p>9th Grade</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr><td>English 9</td><td>1</td></tr> <tr><td>Global Studies</td><td>1</td></tr> <tr><td>Physical Science</td><td>1</td></tr> <tr><td>Math: _____</td><td>1</td></tr> <tr><td>Physical Education 9</td><td>½</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <hr/> <p>Summer School: _____</p> <p style="text-align: right;">9th Grade Credits: _____</p> <p style="text-align: right;">Total Credits: _____</p>	Class	Credit	English 9	1	Global Studies	1	Physical Science	1	Math: _____	1	Physical Education 9	½															<p>10th Grade</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Credit</th> </tr> </thead> <tbody> <tr><td>English 10</td><td>1</td></tr> <tr><td>Biology</td><td>1</td></tr> <tr><td>Math: _____</td><td>1</td></tr> <tr><td>Physical Education 10</td><td>½</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <hr/> <p>Summer School: _____</p> <p style="text-align: right;">10th Grade Credits: _____</p> <p style="text-align: right;">Total Credits: _____</p>	Class	Credit	English 10	1	Biology	1	Math: _____	1	Physical Education 10	½														
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Three elective credits must be in World or Native American Languages, fine arts, or career and technical education courses.