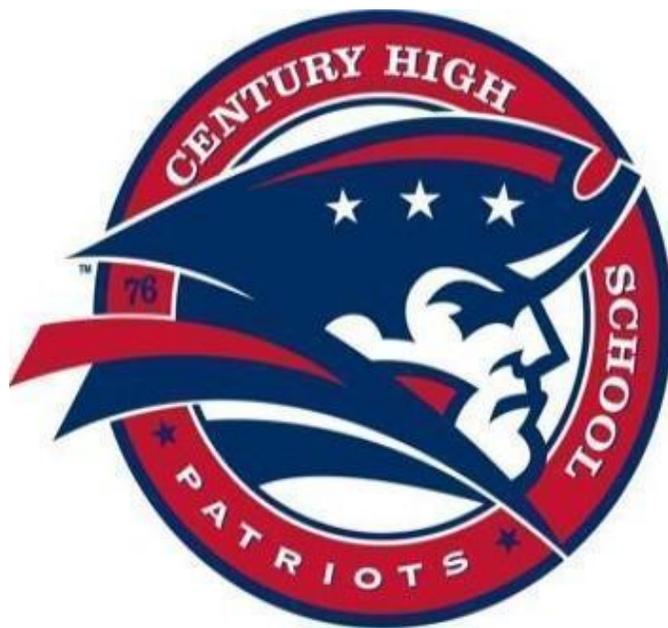


BISMARCK PUBLIC SCHOOLS

High School Registration Guide



2021-2022

Century High School Edition



*The mission of Century High School
is to inspire and challenge students
with educational opportunities that
create productive citizens by
emphasizing*

Character,
Honor, and
Success

SCHOOL BOARD

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Dear Students:

Again, you have reached that time of year when you must select the courses you plan to pursue during the next school term. This, indeed, is not an easy task!

Basically, there are three criteria you should consider when making course choices. Each of you must concern yourself with your abilities, your interests, and your potential career goals.

Your counselors can make recommendations about which courses you should be taking as a high school student. These recommendations will be based upon your academic abilities, interests, and career goals. Making the right choices is essential. The advice counselors can give you will aid you in becoming everything you are capable of being within a realistic framework.

As you review the registration guide, keep in mind the criteria referred to above. These guidelines should help you to make those course choices essential to your educational development. After reviewing the registration guide, should questions arise, please feel free to visit with your counselors or teachers.

Good luck in your educational endeavor!

Sincerely,

A handwritten signature in black ink that reads "Steve Madler".

Steve Madler
Principal, Century High School

CHS Student Services
Phone # 323-4902
Cassandra Kisse, Counselor
Allyson Russell, Counselor
Dan Trottier, Counselor
Courtney Sailer, Counselor

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**BISMARCK PUBLIC
SCHOOLS 806 NORTH
WASHINGTON ST
BISMARCK, NORTH DAKOTA 58501**

**NOTIFICATION OF NON-DISCRIMINATION
POLICY**

YOU ARE HEREBY NOTIFIED Bismarck Public School District #1 does not discriminate on the basis of sex in the education programs or activities which it operates, and that it is required by Title IX and Part 86 of the Department of Education regulations not to discriminate in such a manner. This requirement not to discriminate extends to educational programs and activities, as well as to employment therein.

YOU ARE FURTHER NOTIFIED that inquiries concerning the application of Title IX and the Part may be referred to Lisa J. Kudelka, who has been designated as the person responsible for coordinating the efforts of Bismarck Public School District #1 to comply with and carry out its responsibilities under Title IX, including any investigation of complaints alleging non-compliance. The office address and telephone number of our coordinator are as follows: 806 N Washington Street, Bismarck, North Dakota 58501, telephone number is (701) 323-4071.

Shared Values

- We value an educational environment which motivates students to develop high academic standards, leadership skills, responsibility and achievement.
- We value an educational environment which teaches and nurtures appreciation for the arts.
- We value an educational environment which fosters positive personal and social values.
- We value an educational environment which provides experiences, skills and self-discipline necessary for healthy living.
- We value an educational environment where all staff members accept responsibility to supervise students with care.
- We value an educational environment which meets the challenges of a changing world.
- We value an educational environment which promotes good citizenship.

How to Use this Guide

This high school registration guide is designed to help you and your parents select your courses for next school year. Registration is a process of selecting courses. We use registration data to formulate our master schedule and hire and assign teachers. The scheduling process, in which teachers are determined, is completed by administrative staff over the summer.

Class Change Requests

Once the registration process is complete, class change requests are discouraged, and in most cases, are not possible.

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
Conceptual
Physics
Anatomy/Physiology
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).

North Dakota State Scholarship Opportunities

The North Dakota state legislature passed legislation establishing two scholarship programs. Any resident student who graduates from high school and meets the criteria is eligible to apply for a *North Dakota Academic Scholarship* or a *North Dakota Career and Technical Education Scholarship* in the amount of \$750 per semester, or \$500 per quarter, for a total annual payment of \$1,500 based on full-time enrollment in an accredited higher education institution in North Dakota, both public and private.

The scholarships are renewable provided the student is enrolled full time and maintains a 2.75 GPA based on a 4.0 scale, reviewed each semester. Students may be eligible for up to \$6,000 within six academic school years (do not have to be consecutive) after graduation.

Application deadline will be early June of each year with high school graduates notified of their eligibility for either scholarship by June 30 at which time students must log in to the application site and either accept or defer the scholarship. Applications for seniors will be available online beginning January 1.

Apply at <http://www.dpi.state.nd.us/scholarship>.

A student may use either the *North Dakota Academic Scholarship* or the *North Dakota Career and Technical Education Scholarship* at the following institutions:

State Universities:

Dickinson State University
Mayville State University
Minot State University
North Dakota State University
University of North Dakota
Valley City State University

Private Colleges:

University of Jamestown
Med Center One College of Nursing
College Rasmussen College
Trinity Bible College
University of Mary

Two-Year Colleges:

Bismarck State College
Cankdeska Cikana Community College
Dakota College at Bottineau
Fort Berthold Community College
Lake Region State College
North Dakota State College of
Science Sitting Bull College
Turtle Mountain Community College
Williston State College
United Tribes Technical

ND Academic Scholarship Eligibility Requirements

- Graduate from high school in North Dakota.
- Obtain a grade of at least a C in each course required for the diploma and scholarship and earn a cumulative grade point average of B (3.0).
- Course requirements:
 - 3 credits of science including Physical Science and Biology (no substitutes)
 - 1 credit of Algebra II
 - 1 credit of mathematics for which Algebra II is a prerequisite*
 - 2 credits of same foreign language, Native American language, sign language or career and technical education from a coordinated plan of study
 - 1 credit of fine arts**, career and technical education***, or foreign, Native American, or American Sign language ○
 - 1 credit of an AP course and completion of the AP exam in that course or either ½ credit or 1 credit in a dual credit course****
- Receive a composite score of at least a 24 on an ACT. ND Department of Public Instruction must receive test scores by the June deadline. It is recommended that the ACT be completed by February test date. For more information go to www.actstudent.org

North Dakota Career and Technical Education Scholarship

- Graduate from high school in North Dakota.
- Obtain a grade of at least a C in each course required for the diploma and scholarship and earn a cumulative grade point average of B (3.0)
- Course requirements:
 - 3 credits of science including Physical Science and Biology
 - 1 credit of Algebra II
 - 2 credits of a coordinated plan of study recommended by the Department of Career and Technical Education. Bismarck Public Schools' Coordinated Plans of Study can be viewed on the CHS website under Scholarship Opportunities.
 - 1 credit selected from foreign languages, Native American languages, American Sign language, fine arts**, or Career and Technical Education***
 - 2 additional credits in the area of Career and Technical Education***
- Receive a composite score of at least a 24 on an ACT or a score of at least a 5 on each of the three **WorkKeys assessments (Graphic Literacy, Workplace Documents, Applied Math)**. WorkKeys will be given at the Bismarck Public Schools Career Academy. See your school's career advisor/counselor to set up an appointment. Cost is \$15.00 per test. Each test takes approximately 55 minutes.
- All Juniors will take the ACT during school in the spring at no cost. Students can take these tests multiple times (at own cost). It is recommended that tests be completed by February test dates of their senior year for scholarship eligibility. Scores must be received by the June deadline. For more information on the ACT go to: www.actstudent.org For more information on the WorkKeys assessments go to: www.act.org/workkeys
- Students who are eligible for the Career and Technical Education Scholarship due to scores earned on the WorkKeys assessments must also send a copy of their reports to the ND Department of Public Instruction, 600 East Boulevard Avenue, Bismarck, ND 58505-0440.

*Math for which Algebra II is a prerequisite:

Probability and Statistics - .5 credit

College Algebra - .5 credit

AP Statistics -1 credit

Pre-Calculus with Trigonometry – 1 credit

Enriched Pre-Calculus with Trigonometry – 1 credit

**Fine Arts:

All Art Department courses

All Music Department courses

English Department – Advanced Theater Arts

***Career and Technical Education:

All Business Administration Department courses

All High School of Business Department courses

All Computer Programming Department courses except AP Computer Science

All Family & Consumer Sciences Department courses

All Medical Related Careers Department courses

All Career Academy courses – *except* Horticulture/Botany and Agri-Science Technology, Math for 21st Century

****Dual Credit Courses

See your counselor.

If you have any questions, call the Department of Public Instruction at 328-2775.

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 must 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, strength & conditioning, and fitness/aerobics 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.

Block Classes

Several disciplines offer block classes that meet for two adjacent class periods each day. Successful completion of a block class results in one credit for each semester of the class. The content of block classes is the same as that of the corresponding year-long class. Regular attendance is critical to student success in all classes; however, it is particularly important with block classes because of the condensed time frame. Therefore, students who anticipate missing a lot of school should enroll in the full-year class rather than the two-hour block.

During registration, students who register for block classes need to give serious consideration to their alternate selections. Schedule conflicts and/or enrollment issues may prevent students from getting into block classes of their choice. Should that happen, students will instead be scheduled into the corresponding year-long course. **Students who register for block classes should select alternate courses that cover both semesters.**

Early Graduate

Students who have earned 24 credits and have met all graduation requirements may be able to graduate at the end of the first semester of their senior year. Early graduates will not be allowed to leave prior to the completion of first semester to enroll elsewhere. They are welcome to enroll in another institution but must make known to the proper personnel that they will not start classes until the first semester ends. See your counselor for an early graduate form.

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.

Dual Credit

According to action by the North Dakota legislature, “Any North Dakota student enrolled in grade ten, eleven, or twelve in a public high school is eligible to receive high school and postsecondary credit for the successful completion of an academic course offered by any postsecondary institution accredited by a regional accrediting organization or a career and technical education course offered by a postsecondary institution in a program accredited by a national or regional accrediting organization recognized by the United States department of education.” Students interested in information about postsecondary enrollment options should meet with their high school counselor. *Courses offered for dual credit include: College Algebra, Speech, Web Page Design, Prevention & Care, and Medical Terminology.*

What is the Advanced Placement Program?

The Advanced Placement Program (AP[®]) gives students an opportunity to take college-level courses and exams while they are still in high school. If students get a "qualifying" grade on an AP Exam, there are more than 3000 colleges and universities that will give credit or advanced placement for their efforts. An AP course gives students an opportunity to learn a subject in greater depth and helps them develop skills that will be critically important to successful study in college.

Bismarck Public Schools offers sixteen AP courses: AP English 11 (Language), AP English 12 (Literature), AP Statistics, AP Calculus AB, AP Calculus BC, AP Physics I & II, AP Chemistry, AP Biology, AP Computer Science, AP United States History, AP Government, AP Psychology, AP Studio Art, AP Computer Principles, and AP Computer Science A.

How difficult are AP courses?

Compared with regular high school courses, AP courses are usually more demanding. Depending on the subject, students may read and write more, analyze material, synthesize ideas, solve problems, evaluate, and participate in seminar discussions. Most AP classes are comparable to sophisticated college courses, so they aren't easy, but they're not impossibly difficult either. The intellectual skills and interests that students can develop in AP courses - critical reading, analyzing data sets, synthesizing evidence to develop new insights, etc. - will equip students for life-long learning. These courses move rapidly and cover a lot of ground. Successful students are those who keep up or, better, stay a little ahead of the required reading. Students must also be able to do the work. A student's record in earlier courses is the most obvious indicator of that ability.

How do students get into an AP course? How do they sign up for the exam?

First, students should discuss their interest with the teacher of the AP course or with their school counselor to find out if he or she feels they can handle the extra work. Students may also want to discuss the course with their parents. The AP teacher or AP Coordinator will tell students when in May the AP Exam will be offered at the High Schools, and how to register for it. There is a cost for each AP exam, you can check with school AP Coordinator.

College Athletic Eligibility

NAIA – National Association of Intercollegiate Athletics – NAIA colleges can award full or partial scholarships. To play a sport or receive an athletic scholarship, an athlete must meet two of the following three NAIA requirements: 1) an ACT composite score of 18 or an 860 on the SAT critical reading and math sections, 2) an overall 2.0 GPA, 3) graduate in the top half of his or her class. For more information, go to www.naia.org.

NJCAA – National Junior College Athletic Association -- NJCAA Division I and Division II colleges can offer scholarships; Division III colleges cannot. There are no academic eligibility requirements for athletes entering junior colleges. For more information, go to www.njcaa.org.

For information and advice on getting an athletic scholarship, athletes should talk to their coach.

**Divisions I and II Initial-Eligibility Requirements
NCAA ELIGIBILITY CENTER
QUICK REFERENCE GUIDE**

- **NCAA Divisions I and II require 16 core courses.** See the charts below.
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.
 - *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is available at www.eligibilitycenter.org.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletics aid and practice **on or after August 1, 2016**, is 2.000-2.299 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **Division I** GPA required to be eligible for competition **on or after August 1, 2016**, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **The Division II** core GPA requirement is a minimum of 2.000.
 - Remember, the NCAA GPA is calculated using NCAA core courses only.

DIVISION I 16 Core Courses	
4	years of English
3	years of mathematics (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered by high school)
1	year of additional English, mathematics or natural/physical science
1	years of social science
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy)

DIVISION I 16 Core Courses	
4	years of English
3	years of mathematics (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered by high school)
1	year of additional English, mathematics or natural/physical science
1	years of social science
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy)

ART DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Art I	X	X	X	X
Drawing & Painting I*		X	X	X
Ceramics & Sculpture I		X	X	X
Photography & Advertising Art I	X	X	X	X
Drawing & Painting II*		X	X	X
Ceramics & Sculpture II*		X	X	X
Photography & Advertising Art II*	X	X	X	X
Drawing & Painting III*			X	X
Ceramics & Sculpture III*			X	X
AP Studio Art*#			X	X
Studio I*#			X	X
Studio II*#			X	X
Arts & Crafts	X	X	X	X
Career and Technical Education Center on the Bismarck State College Campus				
Graphic Design		X	X	X
Digital Art & Photography		X	X	X

* = Course has a prerequisite (check course description)

= Consultation with the instructor required

The art department provides a wide variety of offerings relative to the commercial and studio arts. Students will be asked to purchase some of their equipment, but only those necessary supplies that cannot be provided by the department. All students may be required to participate in the Spring Art Show.

ART I

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

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.

Drawing & Painting I

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: Full Year of Art I. Cost of supplies and materials is \$35.00

This introductory course is designed to help students develop their drawing and painting skills. Emphasis will be placed on exploring original ideas, craftsmanship, and art history. Students will be encouraged to participate in group critiques and will have an opportunity to display their work in art exhibitions. Some mediums that will be covered throughout this semester, but not limited to, are the following: graphite, charcoal, pastel, oil pastel, acrylic, and watercolor. Exploration may include these subject matters: figures, still-life, landscapes, and portraits.

Ceramics & Sculpture I

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

Cost of supplies and materials is \$35.00

This introductory course emphasizes the investigation into three dimensional forms. Students will use a variety of techniques, mediums, and processes that focus on additive, subtractive, fabricated processes. Along with being exposed to an introduction to the elements and principles of art and design. Examples include a variety of functional and non-functional ceramic techniques and an introduction to throwing on the wheel and hand building. Mediums used in the sculpture section of the class will include, but are not limited to, the following: cardboard, styrofoam, plaster, wire.

Photography & Advertising Art I

Grade Placement: 9, 10, 11, 12.....1/2 credit.....Semester 1 or 2

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.

Drawing & Painting II

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: Full Year of Art I, Drawing & Painting I. Cost of supplies and materials is \$35.00

This intermediate course is designed to help students further develop their drawing and painting skills. There will be a strong emphasis placed on composition using the principles of design, working from original ideas, craftsmanship, and art history. Mediums that will be covered throughout this semester include, but not limited to, the following: graphite, charcoal, pastel, oil pastel, acrylic, watercolor and gouache. Exploration may include these subject matters: figures, still-life, landscapes, and portraits. Students will be expected to learn about presentation methods and participate in group critiques and will display their art work in art exhibitions.

Ceramics & Sculpture II

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: Ceramics & Sculpture I. Cost of supplies and materials is \$35.00

This intermediate course is designed for the student who has completed one semester of Ceramics & Sculpture I and would like to investigate more advanced projects in pottery and sculpture. Emphasis will be placed on personal and creative expression. Students will develop more skill sets on the wheel and with hand building, along with more advanced sculptural skills sets dealing with additive and subtractive sculpture, such as recycled sculpture, styrofoam, and clay relief.

Photography & Advertising Art II

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

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 35 mm cameras.

Drawing & Painting III

Grade Placement: 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: Full Year of Art I, Drawing & Painting I, II. Cost of supplies and materials is \$35.00

This advanced course is designed to help students develop a body of work using different methods and materials. Advanced drawing and painting techniques and composition skills will be developed through demonstrations and independent practice. Emphasis will be placed on originality, craftsmanship, and commitment to a plan in the drawing and painting process. Students will have freedom of choice in medium and subject matter. Students will be expected to participate in group critiques and will have the opportunity to display their work in several exhibitions throughout the year.

Ceramics & Sculpture III

Grade Placement: 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: Ceramics & Sculpture I, II. Cost of supplies and materials is \$35.00

This advanced course emphasizes the investigation of three dimensional forms. Students will use a variety of techniques, media and processes focused on skill building and craftsmanship for the development of a 3-D design elements and principles. Students will be challenged to prepare a body of works that shows growth and investigation at the next level. 3-D works of art can be explored through additive, subtractive, and/ or fabrication process. Examples include a variety of functional and non-functional ceramic techniques and processes including throwing on the wheel and hand building (bust/clay head) cardboard, plaster, wire, among others.

AP Studio Art

Grade Placement: 11, 12.....1 credit.....full year

Prerequisite: 5 semesters of art from the following courses: Full Year of Art I, Drawing & Painting I, II, III, Ceramics & Sculpture I, II, III, and Photography & AD Art I, II

Instructors Approval. No lab fee for this class. Students will need to pay the AP College Board Fee.

This class is designed to help prepare students for a post-secondary experience and is intended for highly motivated students who are seriously interested in the study of art post high school. This class consists of three sections which include quality, concentration, and breadth of work. Students will have weekly outside sketching assignments, will be required to be proficient in a number of media and will develop an area of concentration, focus, and study in order to create a portfolio of related works. Students in Advanced Placement submit a portfolio of 24 art pieces to earn college credit.

Studio I

Grade Placement: 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: 5 semesters of art from the following courses: Full Year of Art I, Drawing & Painting I, II, III, Ceramics & Sculpture I, II, III, and Photography & AD Art I, II

Instructors Approval

Cost of supplies and materials is \$35.00

This course is for highly motivated students who can work independently and are looking for a postsecondary experience. Mediums used in this class will be from the following concentrations: drawing, painting, printmaking, mixed media, and sculpture. Strong emphasis in individual creativity, craftsmanship, and the development of advanced techniques will be a focal point in this course. The student will be encouraged to work towards the development of his or her style as an artist. Students will need to develop a portfolio of 4-6 works of art for their end product. Student led critiques, preparing their artwork for exhibits, and showcasing works of art in exhibits is required.

Studio II

Grade Placement: 11, 12.....1/2 credit.....Semester 1 or 2

Prerequisite: 6 semesters of art from the following courses: Full Year of Art I, Drawing & Painting I, II, III, Ceramics & Sculpture I, II, III, and Photography & AD Art I, II

Instructors Approval

Cost of supplies and materials is \$35.00

This course is for students who can work independently and wish to have the opportunity to work in four different areas of their choice. The student will spend the semester working on 4-6 projects which will be developed into a portfolio. Strong emphasis will be put on individual creativity as well as individual instruction. The student will work towards the development of his or her own style as an artist. Student led critiques, preparing their artwork for exhibits, and showcasing works of art in exhibits is required.

Arts and Crafts

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

Career and Technical Education (CTE) Center on the Bismarck State College Campus 10th grade enrollment is based on space available

GRAPHIC DESIGN

BPS Career Academy

Placement: 10, 11, 12.....2 credits (Block Class) Full Year

Art Kit Fee: \$50.00

Recommended: Art I

Students will learn how to use and apply effective design principles, typography, color theory, and graphics to appeal to audiences. They will be learning to use professional design software (Illustrator, InDesign and Photoshop) to build multi-page publications for print/multi-media applications, create vector/raster graphics, and how to edit artwork. This course will help students build and explore their own visual communication abilities.

DIGITAL ART and PHOTOGRAPHY

BPS Career Academy

(Formerly Digital Design – students who took Digital Design in the past will not be able to take this course.)

Placement: 10, 11, 12.....2 credits (Block Class) Full Year

Recommended: Graphic Design

Lab Fee: \$20.00

During this year-long course, students will learn how to use a DSLR camera, and use Photoshop to edit and improve their images and improve their understanding of photography. They will also be learning to use Illustrator and to create animations and vector and raster illustrations that can be used on the web in videos or to produce t-shirts, posters and logos. This course is designed to help students learn to apply design composition, typography, and color theory to create artwork that looks professional and will help them grow as designers and photographers.

BUSINESS ADMINISTRATION DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
BUSINESS ADMINISTRATION ELECTIVES				
Business Software Applications	X	X	X	X
Accounting I		X	X	X
Accounting II		X	X	X
Marketing I	X	X	X	X
Marketing II	X	X	X	X
Personal Finance	X	X	X	X
Sports and Entertainment Marketing		X	X	X
School Based Enterprise*			X	X
Web Page Design		X	X	X

* = Course has a prerequisite (check course description)

= Consultation with the instructor required

BUSINESS ADMINISTRATION ELECTIVES

BUSINESS SOFTWARE APPLICATIONS

Grade Placement: 9, 10, 11, 12.....1/2 credit.....Semester 1 or 2

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.

ACCOUNTING I

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1

Accounting is the “language of business.” This course provides students with the fundamentals of maintaining financial records for sole-proprietorships, partnerships, and Accounting II. Students will explore how an enterprise maintains its financial record of daily business transactions, end-of-period work, financial statements, inventory, and depreciation. Students will complete real-life business simulation projects. General ledger accounting software and Microsoft Excel will be utilized.

ACCOUNTING II

Grade Placement: 10, 11, 12..... 1/2 credit.....Semester 2

Prerequisite: successful completion of Accounting I.

Students will continue learning the fundamental concepts of Accounting. Topics covered include terminology, accounting cycle, basic concepts, financial statements, corporations, stockholders, roles of accountants and ethics in accounting. Online Accounting software and Microsoft Excel will be utilized.

MARKETING I

Grade Placement: 9, 10, 11, 12..... 1/2 credit.....Semester 1

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-Entrepreneurship

Grade Placement: 9, 10, 11, 12.....1/2 credit.....Semester 2

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

Grade Placement: 9, 10, 11, 12.....1/2 credit.....Semester 1 or 2

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!

SPORTS AND ENTERTAINMENT MARKETING

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

This course will provide students with an overview of careers as they relate to sports and entertainment marketing. Students develop understanding and skills in the areas of marketing, promotion, and sales. Students will be involved in an on-line simulation in the sports or entertainment field. They will also complete a project using current technology for a sports or entertainment venue.

SCHOOL BASED ENTERPRISE

Grade Placement: 11, 12.....1/2 credit.....Semester 1 and/or 2

Prerequisite: Marketing or Sports and Entertainment Marketing

This course will provide students with hands-on experience in the school store. The school based enterprise is a retail operation with marketing activities integrated into the learning experience. Students will learn various aspects of marketing including: product selection, pricing, promotion, placement of product, and customer service skills. Students will complete aspects of the school based enterprise certification.

WEB PAGE DESIGN

Grade Placement: 10, 11, 12.....1/2 credit.....Semester 1 or 2

This course introduces students to Adobe Dreamweaver, Fireworks, and Flash software for creating and maintaining web pages. The students will focus on the overall production processes with particular emphasis on design elements involving layout, navigation, and interactivity. Careers in web design are explored and students are provided with opportunities to increase their communication, teamwork, and critical thinking skills. *Dual credit from Bismarck State College is available.*

COMPUTER PROGRAMMING DEPARTMENT

Title of Course	Freshman	Soph.	Jr.	Sr.
Computer Programming I	X	X	X	X
AP Computer Science Principles *	X	X	X	X
AP Computer Science A#*		X	X	X
Career Academy on the Bismarck State College Campus				
Networking		X	X	X
Intro to Computer Software	X	X	X	X
Computer Hardware	X	X	X	X

* = Course has a prerequisite (check course description)

= Consultation with the instructor required

COMPUTER PROGRAMMING I

Grade Placement: 9,10, 11, 12.....1/2 credit..... Semester 1 or 2

Recommended: 1 year of Algebra I

This course introduces the basics of computer programming. 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

Grade Placement: 9,10, 11, 12.....1 credit..... Full Year

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).

ADVANCED PLACEMENT COMPUTER SCIENCE A

Grade Placement: 10,11, 12.....1 credit..... Full Year

Prerequisite: 1 year of Algebra I AND Computer Programming I or AP Computer Science Principles or permission from the instructor

This course is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. They include: variables, strings, methods, arrays, classes, loops, control structures, inheritance, sorting and searching algorithms, and recursion. The course emphasizes both object-oriented and imperative problem solving and design using Java language.

NETWORKING

BPS Career Academy

Grade Placement: 10, 11, 12.....1 credit (Block Class) Semester 1 or 2

Learn how to design, install, and manage small networks of wireless routers, computers, printers, and other devices used in a home or small office. This hands-on course will provide experience in setting up security and other networking policies needed for a fast, safe network. Innovations such as social networking, cloud computing, ecommerce, web conferencing, and desktop virtualization are changing the way we live, work, play, and learn. These capabilities are all powered by networks. Organizations in the state and around the world are experiencing a shortage of qualified workers. Students who gain knowledge and experience through these courses can earn industry certification and help fill hundreds of jobs in ND and an estimated eight million networking jobs around the world.

INTRO to COMPUTER SOFTWARE

BPS Career

Academy Grade Placement: 9, 10, 11, 12.....1 credit (Block Class)..... Semester 1 or 2

This course is designed to provide an introduction to operating systems and software applications, and electronics communications including e-mail, Internet Services, and emerging technologies. Students will learn the value of computer information technology concepts and careers.

COMPUTER HARDWARE

BPS Career

Academy Grade Placement: 9, 10, 11, 12.....1 credit (Block Class).....Semester 1 or 2

Recommended: Intro to Computer Software

This course introduces students to computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. In addition, an introduction to networking is included. This course helps the students prepare for CompTIA A+ certification. Dual credit available to 10, 11, & 12th grade students only.

Technology-Cooperative Work Experience

Grade Placement: 9, 10, 11, 12.....1/2 credit.....Semester 1 or 2

Technology Club is designed to offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula, or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. Students will participate in a customer service model that includes; analyzing the problem, researching solutions, providing support, soliciting feedback, and reflecting on practice.

ENGLISH DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
English 9	X			
English 10		X		
Honors English 10		X		
English 11			X	
American Pageant			X	
AP English 11#			X	
English 12				X
English 12 Flip				X
AP English 12#				X
ENGLISH ELECTIVES				
Theatre Arts	X	X	X	X
Newspaper - Journalism II#	X	X	X	X
Yearbook - Journalism II#	X	X	X	X
Literary Magazine	X	X	X	X
Speech		X	X	X

* = Course has a prerequisite (check course description)

= Consultation with the instructor required

All students are required to take English for a full year in grades 9, 10, 11, and 12. Cultural Literature/Art may be substituted for English 10; American Pageant or AP English 11 may be substituted for English 11; AP English 12 may be substituted for Eng. 12.

Turnitin

Students agree that papers in 9th – 12th grade courses may be subject to submission for textual similarity review to Turnitin.com. All submitted papers will be included as source documents in the Turnitin.com reference database so that students can avoid plagiarism and improve their writing. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site.

Turnitin.com now states, “If you are between 14 and 17 years of age... you may not enter the site except with the supervision and permission of a parent or legal guardian. You must have a parent or legal guardian review and agree to this User Statement by clicking the *I agree – create profile button.*”

ENGLISH 9

Grade Placement: 9.....1 credit..... Full year

The 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 10

Grade Placement: 10.....1 credit..... Full year

Prerequisite: Successful completion of one credit of English 9 is recommended.

This course focuses on a traditional approach to sophomore English. During the sophomore year, students will complete units in speech, drama, literature, organizational skills, research, and library skills. In addition, this course will focus on a variety of writing styles, using correct grammar, sentence, paragraph, and essay structure. The literature units include the study of novels, short stories, poetry, and drama. Oral and written communication skills will be developed in this class.

HONORS ENGLISH 10

Grade Placement: 10.....1 credit..... Full Year

In this year-long course, students will explore a broad variety of literary forms including plays, novels, short stories, and poetry. The Honors English 10 curriculum will consist of all standards from the English 10 curriculum with the addition of a broader range of compositions and literary selections to read, analyze and discuss. Additionally, students will utilize 21st Century Skills to produce insightful analyses of both fiction and nonfiction texts and speeches. Particular attention will be paid to understanding how authors use language to convey meaning. These literary studies will help students become more critical readers as well as communicate analyses more effectively in writing. By the end of the year, the increased exposure of analyzing challenging texts will better prepare students for Advanced Placement English Language and Composition course as well as other upper level ELA courses.

ENGLISH 11

Grade Placement: 11.....1 credit..... Full year

Prerequisite: Successful completion of one credit of English 10 is recommended.

During the junior year, students will complete units in the following areas: American literature, featuring poetry, drama, short stories, novels and essays from the Colonial Period through the twentieth century; and composition, emphasizing clear, concise, correct writing through exposure to exposition, description, narration, argumentation, and research. Other units may be included at the teacher's discretion.

AMERICAN PAGEANT

Grade Placement: 11.....2 Credits (2 hr. block) (1 in English & 1 in U.S. History) Full year

Prerequisite: Successful completion of one credit of English 10 is recommended.

American Pageant is an interdisciplinary team-taught course, allowing flexibility in the study of American history and literature. The course is taught using both traditional and innovative methods. Students who take this course must be self-motivated.

ADVANCED PLACEMENT ENGLISH 11

Grade Placement: 11.....1 full credit..... Full year

Prerequisite: Successful completion of English 10 is required.

Advanced Placement English 11 is an accelerated English 11 course that covers American literature, particularly nonfiction, with much more emphasis on language analysis and writing. Since this is an Advanced Placement class (AP) class, it operates at the college level. Therefore, the College Board (AP) recommends this class for students who score in at least the 84th percentile on the ASPIRE test that they took their sophomore year. If a student passes the optional Advanced Placement English Language and Composition exam at the end of the year, he/she can earn college credit for the class. Any student with especially strong writing skills is also encouraged to take the class.

ENGLISH 12

Grade Placement: 12.....1 credit..... Full year

Prerequisite: Successful completion of one credit of English 11 is recommended.

During the senior year, students will complete units in the following areas: English literature, the study of the major works and authors in English literature from its beginning through the twentieth century, and composition, focusing on longer and more advanced papers, including a research paper. Other units may be added at the teacher's discretion.

ENGLISH 12 FLIP

Grade Placement: 12.....1 credit..... Full year

Prerequisite: Successful completion of one credit of English 11 is recommended.

This class covers the same units as the English 12 curriculum, but they are studied in reverse semester order.

ADVANCED PLACEMENT ENGLISH 12

Grade Placement: 12.....1 full credit..... Full year

Prerequisite: Successful completion of English 11, American Pageant, or AP English 11 is required.

AP English 12 is a course designed for students who have a strong background in writing and who enjoy literature and literary analysis. It involves reading, writing, and discussion of central themes permeating both classic and modern writing. This Advanced Placement course is designed for highly motivated students and it operates at a college level. If a student passes the optional Advanced Placement English Literature and Composition exam at the end of the year, he or she can earn college credit for the class. Any senior English student is eligible to take the test.

ENGLISH ELECTIVES

THEATRE ARTS

Grade Placement: 9, 10, 11, 12.....1/2 or 1 credit..... Semester 1 and/or 2

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

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

Consultation with the instructor required in advance of registration.

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

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

Consultation with the instructor required in advance of registration.

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-JOURNALISM

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

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.

SPEECH

Grade Placement: 10, 11, 12.....1/2 credit..... Semester 1 or 2

Speech is a class designed for those students who would like to continue their study of speech theory and practice. Students in the course will study the principles of oral communication and prepare and present a variety of specialized speeches including speeches to inform and to persuade. *Available as dual credit.*

FAMILY AND CONSUMER SCIENCES

Title of Course	Fresh.	Soph.	Jr.	Sr.
Intro to Foods	X			
Contemporary Foods		X	X	X
World Foods		X	X	X
Fashion I	X	X	X	X
Fashion II*		X	X	X
Homes & Interior Design	X	X	X	X
Child Development	X	X	X	X
Child Related Careers (2 hour block)		X	X	X
Family Living			X	X
Independent Living			X	X
Parenting			X	X
CTE Internship#* (2 hour block)			X	X

* = Course has a prerequisite (check course description)

= Consultation with the instructor required

INTRO. TO FOODS

Grade Placement: 9.....1/2 credit..... Semester 1 or 2

Intro. to Foods is an exploratory 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.

CONTEMPORARY FOODS

Grade Placement: 10, 11, 12.....1/2 credit..... Semester 1 or 2

Regardless of your experience in the kitchen, Contemporary Foods is designed to expand basic skills in food preparation, with an emphasis on food lab experiences. Students learn various techniques and procedures needed to be successful in cooking and baking. Sound nutritional choices and food safety issues are recurring themes during the course. **No prerequisite is required for this course.*

WORLD FOODS

Grade Placement: 10, 11, 12....1/2 credit..... Semester 1 or 2

Sophomores may register for Semester 2 only.

Prerequisites: Contemporary Foods MUST be taken prior to World Foods.

Students will prepare foods from several different countries using ingredients and equipment specific to those countries. Techniques and skills used will be more in-depth than those used in Contemporary Foods. Students will develop an appreciation for other cultures through their exposure to the various ethnic cuisines.

CLOTHING and TEXTILES I

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

CLOTHING and TEXTILES II

Grade Placement: 10, 11, 12.....1/2 credit..... Semester 1 or 2

Prerequisite: Fashion or comparable sewing background.

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

This course allows students to take a step further into creating various advanced sewing projects based upon individual student skills and interests. Students will also expand their knowledge of the fashion industry, including designers, publications and trends.

HOMES AND INTERIOR DESIGN

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

CHILD DEVELOPMENT

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

CHILD RELATED CAREERS

Grade Placement: 10, 11, 12.....1 credit (2 hr. block) Semester 1 or 2

Recommended: Child Development

This experience would be beneficial for anyone interested in the teaching, counseling, special education and childcare professions. This class offers students the opportunity to learn creative skills dealing with children's literature, discipline, play, nutrition, and other child-related topics. Students will plan and operate a playschool for preschoolers in the high school classroom. During the second nine weeks, students will spend their 2-hour class period in a community placement working with children and job shadowing a possible career choice. **Transportation to the training site is the responsibility of the student with parental approval required.**

PERSONAL and FAMILY WELLNESS

Grade Placement: 11, 12.....1/2 credit..... Semester 1 or 2

(Can be taken in place of 1/2 credit of 12th grade physical education)

This course will help students to better understand the opposite sex, learn how to relate to friends, learn how to identify and avoid abusive relationships, lessen their chances of divorce, and cope with family crisis and change. All areas of the life cycle are covered. This class contains contemporary topics that some students may find controversial.

INDEPENDENT LIVING

Grade Placement: 11, 12.....1/2 credit..... Semester 1 or 2

This course is designed to better equip students for “real world” life after moving out on their own. Topics covered include: job hunting skills, money management, saving and investing, establishing and using credit, protection from identity theft, purchasing an automobile, rights and responsibilities of apartment living, healthy food choices and living on an overall budget.

PARENTING

Grade Placement: 11, 12.....1/2 credit..... Semester 1 or 2

(Can be taken in place of 1/2 credit of 12th grade physical education)

This course is designed to prepare both males and females for one of life’s major roles, that of developing positive and realistic attitudes and effective skills for parenting. Healthy lifestyles to prepare for an eventual pregnancy, raising children who are safe and happy, and developing realistic attitudes about the impact of children on a family are recurring themes in the class. Students can learn about pregnancy and infant care through simulation experiences. This class contains contemporary topics that some students may find controversial.

CTE INTERNSHIP (FACS)

Grade Placement: 11, 12.....1/2 credit.....Semester 1 and/or 2..... May earn up to 2 credits

Prerequisite: Student must have earned one full credit in a specific pathway of a CTE Coordinated Plan of Study. An internship may be a paid or unpaid job experience in which a student is teamed with a company or organization to extend the classroom learning. An application must be completed and *approved* prior to registration for the class. To begin the application process, schedule an appointment with your career advisor. Transportation to and from the training site is the responsibility of the student. Students must be enrolled in six classes (junior year) or five classes (senior year) in addition to the internship. Students must complete 75 hours of work for ½ credit.

MATHEMATICS DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Algebra I – Year 1 (Introduction)*	X	X	X	X
Algebra I – Year 2 (Conclusion)*		X	X	X
Algebra I	X	X	X	X
Enriched Geometry	X			
Informal Geometry*		X	X	X
Geometry*		X	X	X
Math for the 21 st Century*			X	X
Algebra Plus*		X	X	X
Algebra II*		X	X	X
Enriched Algebra II*		X	X	X
Probability & Statistics*			X	X
College Algebra*			X	X
Pre-Calculus/Trigonometry*			X	X
Advanced Placement Calculus (AB)*#				X
Advanced Placement Calculus (BC)*#				X
Advanced Placement Statistics		X	X	X

* = Course has a prerequisite (check course description)

= Consultation with instructor required.

The mathematics curriculum attempts to reflect the rapid changes in our society with its increasing demand for mathematics. Mathematics is an experience that requires student involvement, effort, serious study and homework. Students who have questions regarding their selection of math courses should consult with a counselor or a mathematics instructor. Three credits of mathematics, including Algebra I, are required for graduation.

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Option 1 (This meets the requirements for a 4-year college)	Math 7 Accelerated	Algebra I	Geometry or Enriched Geometry	Algebra II or Enriched Algebra II and/or ~^AP Statistics	~+Probability & Statistics ~+^College Algebra Pre-Calculus w/Trig ^AP Calculus ~^AP Statistics	~+Probability & Statistics ~+^College Algebra Pre-Calculus w/Trig ^AP Calculus ~^AP Statistics
Option 2	Grade 7 Math	Grade 8 Math	Algebra I	Informal Geometry or Geometry and/or ^AP Statistics If Geometry is taken; this option meets the requirement of a 4-year college	#Math for the 21 st Century and/or Geometry (This option is not recommended for a post-secondary bound student)	#Math for the 21 st Century and/or *Algebra II
					*Algebra II	+Probability & Statistics +^College Algebra Pre-Calculus w/Trig ^AP Statistics
Option 3	Grade 7 Math or Transition Math 7	Grade 8 Math or Transition Math 8	Algebra I – Year 1 (First part of two-year Algebra Course)	Algebra I – Year 2 (Second part of a two-year Algebra Course)	Geometry This meets the requirements for post-secondary education	*Algebra II (This meets the requirements for a 4-year college)
					Math for the 21 st Century or Informal Geometry (This option is not recommended for a post-secondary bound student)	#Math for the 21 st Century or Geometry

+ Each of these courses last **one semester** and is worth one-half credit.

~This course can be taken simultaneously with other math classes.

^ **College Credit** may be earned by successfully completing this course or the corresponding AP Exam.

These courses **are not** appropriate for students who have successfully completed Geometry. These courses also **may not** count toward the four-year college admission requirements.

*It is strongly recommended that the student take **Algebra Plus** during the summer school before advancing to Algebra II from **Informal Geometry**.

Graduation & Scholarship Requirements:

- **Bismarck Public Schools** requires students to successfully complete **three credits** of high school math, including **Algebra I**, in order to earn a high school diploma.
- The **North Dakota University System** currently requires that a student has earned **three credits** of high school math, **Algebra I and above**, in order to be admitted to a four-year post-secondary institution.
- The **North Dakota Academic Scholarship** requires successful completion of **at least one year of math beyond Algebra II**.

ALGEBRA 1 – Year 1 (Introduction)

Grade placement: 9, 10, 11, 12.....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 I – Year 2 (Conclusion)

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Algebra I – Year 1

Algebra I – Year 2 (Conclusion) is the second course in a two-year Algebra I program designed to help a broad range of 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 second year includes material that is traditionally found in the second semester of a full year Algebra I class. Successful completion of Algebra I – Year 1 and Algebra I – Year 2 will complete the Algebra I college requirement.

ALGEBRA I

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

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.

MATH FOR THE 21ST CENTURY

Grade Placement: 11, 12.....1 credit..... Full year

Prerequisite: Algebra I

Math for the 21st Century is a hands-on course. Through the incorporation of inquiry, technology and small group problem-solving, this class seeks to engage students in real-life applications of mathematics. Learning in a project-based environment, students will build a catapult, create and fly a styrofoam airplane, design and build a bridge, and apply concepts of money and interest to everyday living. Through the use and understanding of tools such as calipers and micrometers, students will learn mathematics. Statistics and probability, trigonometry, algebra, and geometry are all integrated into this course.

ENRICHED GEOMETRY

Grade Placement: 9.....1 credit..... Full year

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 topics covered in this class include a study of deductive reasoning and proof, triangles, quadrilaterals, other polygons, geometric solids, and probability. Consideration is also given to the application of geometry to other subjects. An average of an “A” in Algebra I is recommended. This course covers all topics contained in Geometry with greater in-depth study, as well as additional topics.

INFORMAL GEOMETRY

Grade Placement: 10, 11, 12.....1 credit..... Full year

The curriculum for this course is not designed to prepare students for success in college-level mathematics. Geometry study of triangles, quadrilaterals, other polygons, and geometric solids. There is less emphasis on proofs and the problems are less rigorous than those in the standard geometry course.

GEOMETRY

Prerequisite: Algebra I or Algebra I – Year 1 and Algebra I – Year 2

Grade Placement: 10, 11, 12.....1 credit..... Full year

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 topics covered in this class include a study of deductive reasoning and proof, triangles, quadrilaterals, other polygons, geometric solids, and probability. Consideration is also given to the application of geometry to other subjects. An average of “C” or better in Algebra I is recommended.

ALGEBRA PLUS

Grade Placement 10, 11, 12.....1/2 credit.....

Taught 4 hours a day for 3-week summer session *Prerequisite: Algebra I*

This course is a strong reinforcement of algebra concepts. It is designed to be a bridge between Algebra I and Algebra II for the student whose mathematical background needs strengthening

ALGEBRA II

Grade Placement: 10, 11, 12.....1 credit..... Full year

This course is the minimum recommendation for students who wish to be prepared for success in credit-bearing college mathematics courses. Algebra II provides a review and expansion of basic terminology, notation, concepts, skills and application of algebra by means of a thorough examination of the real number system, including an introduction to statistics. An average of a “C” or better in Algebra I and Geometry or an average of an “A” in Informal Geometry is recommended.

ENRICHED ALGEBRA II

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Algebra I and Geometry (regular, not informal)

This course covers all topics contained in Algebra II with greater in-depth study, as well as additional topics, and is recommended for students with a strong mathematical background. A grade of “A” in Algebra I and Geometry is strongly recommended.

COLLEGE ALGEBRA

Grade Placement: 11, 12.....1/2 credit..... Semester 1 or 2

Prerequisite: Algebra II or Enriched Algebra II

In this course, students will build upon their knowledge of solving linear and quadratic equations and inequalities, as well as graphing functions and relations. Other topics include polynomial and rational functions, systems of equations and inequalities, exponential and logarithmic functions. ***Available as dual credit. Must have a minimum ACT score of 21 in math to be eligible for dual credit.***

PROBABILITY AND STATISTICS

Grade Placement: 11, 12.....1/2 credit..... Semester 1 or 2

Prerequisite: Algebra II or if currently enrolled in Algebra II, 2nd semester only

This course includes a study of methods used to determine probability of an event and methods for handling and analyzing statistical data. This course is intended for students interested in fields such as mathematics, science, engineering, business, education, psychology, sociology, and medicine.

PRE-CALCULUS WITH TRIGONOMETRY

Grade Placement: 11, 12.....1 credit..... Full year

Prerequisite: Algebra II

This course includes trigonometry with an introduction to polar coordinates, a study of sequences and limits, an introduction to two and three dimensional vectors, and theory of equations. This course or its equivalent is a prerequisite for AP Calculus. A “B” or better in Algebra II is recommended.

ADVANCED PLACEMENT CALCULUS (AB level)

Grade Placement: 12.....1 credit..... Full year

Prerequisite: Pre-calculus Consultation with the instructor required prior to registration.

This course is designed for highly motivated students with a very strong background in mathematics. The material covered is the equivalent of one semester of college calculus, including a study of functions, graphs, limits, derivatives, and integrals. The use of a graphing calculator is required. An average of “B” or better in Pre-Calculus is recommended.

ADVANCED PLACEMENT CALCULUS (BC level)

Grade Placement: 12.....1 credit..... Full year

Prerequisite: Pre-Calculus Consultation with the instructor required prior to registration

This course is designed for extremely motivated students with a very strong background in mathematics. The material covered is the equivalent of two semesters of college calculus, including all topics covered in the AB level plus advanced integration techniques, sequences and series, polar graphs and parametric functions. The use of a graphing calculator is required. An average of “B” or better in Pre-Calculus is recommended.

ADVANCED PLACEMENT STATISTICS

Grade Placement: 10,11,12.....1 credit..... Full year

Prerequisite: Teacher recommendation for 10th grade students.

The AP Statistics course is equivalent to an introductory college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

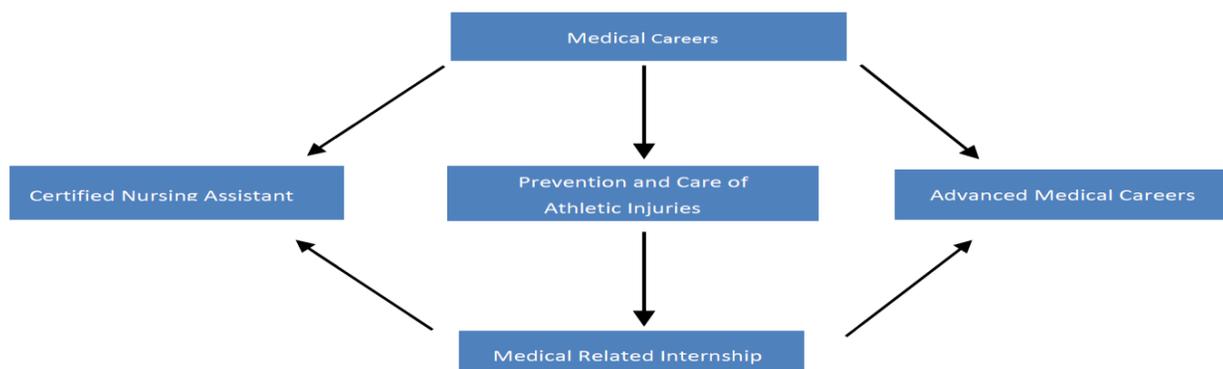
Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Curriculum for this course follows the AP Statistics curriculum set by the College Board and is designed to prepare students for the AP Statistics exam in May. Taking this course will help in other AP courses such as AP Biology and AP Psychology. Many college majors require a statistics course

MEDICAL RELATED CAREERS

Title of Course	Soph.	Jr.	Sr.
Medical Related Careers I	X	X	X
Career Academy on the Bismarck State College Campus			
Advanced Medical Careers (formerly Med Careers II*)		X	X
Certified Nursing Assistant – Block*		X	X
Prevention and Care of Athletic Injuries – Block*		X	X
Medical Terminology (online)		X	X
CTE Internship*#		X	X

* = Course has a prerequisite (check course description) #

= Consultation with instructor required.



MEDICAL RELATED CAREERS

Grade Placement: 10, 11, 12.....1 credit.....Full Year

This year long course provides students with information relating to the educational and professional requirements for the various medical related careers. Students will also study fundamentals of disease transmission and prevention, basic anatomy and physiology, and medical terminology. Students will complete CPR/AED for the Professional Rescuer and American Heart Saver First Aid (students will have the option of purchasing a card). *This course and the required certifications are prerequisites for Medical Related Careers II, Certified Nursing Assistant, and Prevention and Care of Athletic Injuries.*

ADVANCED MEDICAL CAREERS (Formerly MEDICAL CAREERS II)-BPS Career Academy

Grade Placement: 11, 12.....1 credit..... Semester 1 or 2

Fees: \$25 plus the cost of flu vaccination

Prerequisite: Medical Related Careers I including First Aid & CPR/AED for Healthcare Providers.

This course will expand on the knowledge gained in Medical Related Careers I. Students will have the opportunity to explore various medical careers through research, professional guest speakers, college tours, and limited job shadows. The curriculum is designed to enhance student employability skills and professional medical career readiness. Up to date vaccinations including influenza and a TB test are required for job shadowing. Students 18 years or older must have a background check. The student is responsible for necessary vaccinations and transportation to clinical sites.

CERTIFIED NURSING ASSISTANT (CNA) – BLOCK

BPS Career Academy

Grade Placement: 11, 12.....1 credit..... Semester 1 or 2

Fee: \$25 plus cost of flu vaccination

Prerequisite: Medical Related Careers I including First Aid & CPR/AED for Healthcare Providers

This course provides classroom instruction and clinical practice to prepare the student for employment as a CNA in a skilled nursing facility, acute care, or home health care setting. Upon successful completion of clinical hours and course requirements, students are eligible to take the state exam through the North Dakota Board of Nursing. Up to date vaccinations including influenza and a TB test are required per facility policy, as is a current Healthcare Provider CPR/AED certification. (Refresher course will be offered.) Students 18 years or older must have a background check. The student is responsible for necessary vaccinations, transportation to clinical sites, and the state exam fee. State mandated clinical hours are outside of class time.

PREVENTION AND CARE OF ATHLETIC INJURIES – BLOCK

BPS Career Academy

Grade Placement: 11, 12.....1 credit..... Semester 1 or 2

Fee: \$15 Prerequisite: Medical Related Careers I including First Aid & CPR/AED for Healthcare Providers

(must be current)

This is an introduction to Sports Medicine. Topics discussed: prevention, recognition, rehabilitation and immediate care of athletic injuries; equipment fitting; basic nutrition, plus hands-on activities; taping and wrapping techniques. Classroom learning is enhanced through out-of-the classroom job shadow experiences. Successful completion of this course fulfills the prerequisites for becoming a Sports -Medicine Assistant *with BPS*. (There is a difference between a student manager and a Sports Medicine Assistant). The student is responsible for transportation to job shadow sites. **Dual credit through the University of Mary is available.**

INTERNSHIP (MEDICAL CAREERS)

Grade Placement: 11, 12.....½ credit..... Semester 1 or 2, or both

Prerequisite: Student must have earned one full credit in a specific pathway of a CTE Coordinated Plan of Study.

An internship may be a paid or unpaid out-of-the-classroom job experience in which a student is teamed with a company or organization to extend the classroom learning. An application must be completed and approved prior to registration for the class. To begin the application process, schedule an appointment with your career advisor. Transportation to and from the training site is the responsibility of the student. Students must be enrolled in six classes (junior year) or five classes (senior year) in addition to the internship. Students must complete 75 hours of work for ½ credit.

MEDICAL TERMINOLOGY (ONLINE)

Grade Placement: 11, 12..... 1/2 credit..... Semester 1 or 2 Online

(Students must be 16 years of age)

This course will be offered as a dual credit course with Bismarck State College. It is offered in an online format with proctored tests. In this course, students will develop skills necessary for decoding commonly used medical terms. Students will learn the meaning of medical suffixes, prefixes and word roots. This medical terminology course covers the basic knowledge and understanding of medical language and terminology used by health care professionals. This course requires students to work independently and manage their time well.

MISCELLANEOUS ELECTIVES

Title of Course	Fresh.	Soph.	Jr.	Sr.
AVID	X	X	X	X
Leadership I	X	X	X	X
Leadership II	X	X	X	X
Peer to Peer Leadership I		X	X	X
Peer to Peer Leadership II			X	X
Exploring the Teaching Profession I	X	X	X	X
Exploring the Teaching Profession II		X	X	X

AVID (Advancement via Individual Determination)

Grade Placement: 9, 10, 11, 12.....1 credit..... Full Year

AVID (Advancement Via Individual Determination) 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. Students participate in group tutorials, college visits, test prep, team building, service learning and research. AVID is for students who have the desire to go to college and the willingness to work hard. These are students who are capable of completing rigorous curriculum but utilize AVID to fulfill their own potential. Enrollment in AVID requires an application, interview and contract. Applications are available in Student Services.

LEADERSHIP I

Grade Placement 9, 10, 11, 12 1/2 credit Semester 1

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

Grade Placement 9, 10, 11, 12 1/2 credit Semester 2

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.

PEER TO PEER LEADERSHIP I

Grade Placement: 10, 11, 12.....1 credit..... Full year

This class is designed for general education students interested in developing leadership skills and learning about students with disabilities. The students work together in an integrated, positive fashion, to promote socialization, independence, and strong friendship bonds that last throughout high school and beyond. It will give students the ability to expose their peers to new social opportunities and expand their support network.

PEER TO PEER LEADERSHIP II

Grade Placement: 11, 12.....1 credit..... Full year

Prerequisite: Peer to Peer Leadership I

Students who have taken the pre-requisite and want to further their knowledge about working with students with disabilities and leadership skills should consider taking this class. The students will work in an integrated fashion in a classroom throughout their school day with a teacher to assist and support students in multiple settings. This will give students the opportunity to continue to promote socialization, independence and strong friendships throughout high school and going beyond. It will give a variety of students the opportunity to expand their experience of working with a wide variety of students.

PEER TO PEER LEADERSHIP III-Capstone

Grade Placement: 12.....1 credit..... Full year

Prerequisite: Peer to Peer Leadership I and II

Students who have taken the pre-requisites and want to further their knowledge about working with students with disabilities and leadership skills should consider taking this class. The students will work in an integrated fashion in a classroom throughout their school day with a teacher to assist and support students in multiple settings. Students will complete a capstone project that immerses them into a community issue that calls for transformation and awareness, presenting the students with the opportunity to make a difference.

EXPLORING THE TEACHING PROFESSION

Grade Placement: 10, 11, 12.....1 credit..... Full year

This class is designed for students interested in pursuing a career in education. Students will develop the skills necessary to become a successful teacher. Coursework includes understanding the profession, learning about students, planning and implementing lessons, developing instructional strategies, creating formative and summative assessments, and engaging in reflective practice. Students are required to participate in an internship with a cooperating teacher in the student's chosen area of interest. The 40 required hours of internship is off-campus, and students will be responsible for transportation to their off-campus placements. Students who successfully complete the course have the opportunity to enroll in this as a dual credit class, earning 4 credits through the University of Mary.

INNOVATION PATHWAY

Grade Placement: 11, 12Semester 1 and/or 2.....Number of credits flexible

(Core credits - i.e. English, Math, Social Studies, Science, PE may be taken.)

The Innovation Pathway is a personalized learning option for *any learner* in 11th or 12th grade to earn core subject credits through community embedded projects, and in conjunction with CTE courses by integrating core class work into community projects. The goal of this option is to give learners the opportunity to gain knowledge and understanding while working on meaningful and authentic projects that add value and strengthen both the learners and the community. Concurrent enrollment in a CTE course is preferred. There may be limited availability. Talk with your counselor or register for "PATHWAY" as an elective to apply.

MUSIC DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Freshmen Band	X			
Prep Band		X		
Concert Band#			X	X
Wind Ensemble#		X	X	X
Jazz Ensemble#	X	X	X	X
Freshman Choir	X			
Prep Choir #		X	X	X
Concert Choir#		X	X	X
Jazz Choir#	X	X	X	X
Freshmen Orchestra	X			
Concert Orchestra		X	X	X
Chamber Orchestra#		X	X	X
Music Theory Fundamentals		X	X	X

= Audition with the instructor is required.

Note: Students can apply only five (5) units of music performance credit toward minimum graduation requirements. Music Theory and Composition is considered a non-performance class and is considered a regular elective.

FRESHMEN BAND

Grade Placement: 9.....1 credit..... Full year

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.

PREP BAND

Grade Placement: 10.....1 credit..... Full year

This course is open to any student and includes musicians who are earlier in their musical development. Special emphasis will be placed on scales, technique, intonation, and methods as well as literature graded 2-4. Performances for this band include concerts, parades, festivals, pep band events, and special community performances. Members of the Prep Band have the opportunity to participate on the band tour which occurs on an alternating basis. Prior instrumental experience is strongly encouraged, but not required.

CONCERT BAND

Grade Placement: 11, 12.....1 credit..... Full year

This course is designed to help students develop the skills necessary to progress to Wind Ensemble. Good, quality band literature graded 3-5 will be pursued. Performances for this band include concerts, parades, festivals, pep band events, and special community performances. Members of the Concert Band have the opportunity to participate on the band tour which occurs on an alternating basis. It is typical that a student who shows interest and works hard to improve his or her musical skills will move from Concert Band to Wind Ensemble during his or her high school career. Prior instrumental experience is required to participate as a member of Concert Band.

WIND ENSEMBLE

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

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.**

JAZZ ENSEMBLE #1

Grade Placement: 9, 10, 11, 12.....1 credit..... Full year

An audition with the instructor is required.

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.**

FRESHMEN CHOIR

Grade Placement 9.....1 credit..... Full year

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.

PREP CHOIR

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Audition with the instructor is required.

Robe Fee: \$20.00

Basic fundamentals of singing are covered and many types of music are studied. Public performance and biannual tours are scheduled activities. Students have opportunity for festival auditions, contests and solo activities. Concert attire includes robes and black footwear. Shoe fee are \$20.00. Shoes are ordered by the instructor.

CONCERT CHOIR

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Audition with the instructor is required.

Robe Fee: \$20.00

Public performance and biannual tours are scheduled activities. Students have opportunity for festival auditions, contests and solo activities. Concert attire includes robes and black footwear. Shoe fee is \$20.00. Shoes are ordered by the instructor.

JAZZ CHOIR

Grade Placement: 9,10, 11, 12.....1 credit..... Full year

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.

FRESHMEN ORCHESTRA

Grade Placement: 9.....1 credit..... Full year

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.

CONCERT ORCHESTRA

Grade Placement: 10, 11, 12.....1 credit..... Full year

Emphasis is on continued training in correct instrumental technique, sight reading, intonation, music appreciation, music fundamentals, and knowledge of orchestral literature. All string players are welcome in this group. Performances include concerts, festivals, and other public events. Tours are an option and generally occur on an alternating year basis. Concert Orchestra members are encouraged to audition for Chamber Orchestra.

CHAMBER ORCHESTRA

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Audition with the instructor

Advanced chamber string literature will be studied. The class is designed for students who have reached a more advanced level of proficiency on their instrument. Auditions will be held beginning in the spring and will use material from or similar to All-State audition requirements. Performances include concerts, festivals, and school and community events. Tours are an option and generally occur on an alternating year basis.

MUSIC THEORY FUNDAMENTALS

Grade Placement: 10, 11, 12.....1/2 credit..... Semester 1 or 2

This course will cover beginning music theory. Scales, intervals, chords, ear training and key signatures will be covered and more with no previous knowledge of theory necessary. This course will give a better understanding of the mechanics of reading music to help students become better singers and instrumentalists. This course also serves as an excellent preparation for anyone looking to major or minor in music.

PHYSICAL EDUCATION DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Physical Education 9	X			
Physical Education 10		X		
Physical Education 11			X	
Physical Education 12				X
Health Education	X	X	X	X
PHYSICAL EDUCATION ELECTIVES				
Introduction to Weight Training	X	X	X	X
Fit Female	X	X	X	X
Fit Male	X	X	X	X

= Consultation with the instructor required

* = Prerequisite

*Students who are to be excused from physical education for medical reasons should contact their counselor. Those who get a partial medical will be required to do some research on the activities in which they are unable to participate. Even though a student is unable to participate, much can be gained through learning about the activity, setting up tournaments, and observing the activity. **Any student having a medical excuse from physical education is not eligible to participate in athletics, cheerleading, or dance activities.** Two credits of physical education are required for graduation.*

PHYSICAL EDUCATION 9

Grade Placement: 9.....1/2 credit..... Semester 1 or 2

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 10

Grade Placement: 10.....1/2 credit..... Semester 1 or 2

This course is designed to provide physical activity for all students. Activities include soccer, volleyball, basketball, softball, STX lacrosse, pickle ball, mental health, nutrition, broomball, table tennis, dance, fitness activities, fitness testing, various team and various team and individual activities, and health concepts. It is required that students wear a regulation PE t-shirt, shorts or sweat pants, socks and athletic shoes. PE shirts can be purchased from the physical education instructors.

PHYSICAL EDUCATION 11

Grade Placement: 11.....1/2 credit..... Semester 1 or 2

Introduction to Weight Training or Fit Female/Male can be substituted for PE 11

This course is designed to provide physical activity for all students. Activities include softball, horseshoes, golf, badminton, basketball, volleyball, broomball, soft tennis, dance eclipse, table tennis, CPR, outdoor recreation, fitness activities, fitness testing, various team, individual and lifetime activities, and health concepts. It is required that students wear a regulation PE t-shirt, shorts or sweatpants, socks and athletic shoes. PE shirts can be purchased from physical education instructors.

PHYSICAL EDUCATION 12

Grade Placement: 12.....1/2 credit..... Semester 1 or 2

Introduction to Weight Training, Fit Female/Male, Family Living, Parenting, or Health can be substituted for PE 12

This course is designed to develop physically educated individuals who have the knowledge, skills and confidence to enjoy a lifetime of physical activity. Activities include, (but are not limited to) golf, tennis, softball, horseshoes, Frisbee golf, biking, racquetball, volleyball, pickle ball, badminton, curling, bowling, broomball and various team, individual and lifetime activities. Some activities will involve time outside of the school day. If students are unable to attend, alternative activities will be provided. Students will need proper clothing, socks and athletic shoes. A fee will be assessed per student to cover the use of community facility equipment.

HEALTH EDUCATION

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

(Substitutes for 1/2 credit of 12th grade physical education)

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.

PHYSICAL EDUCATION ELECTIVES

INTRODUCTION TO WEIGHT TRAINING

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

Only two (2) credits of Fitness/Aerobics, Fit Female, Weight Training and Strength and Conditioning 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.

FIT FEMALE

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

Only two (2) credits of Fitness/Aerobics, Fit Female, Weight Training and Strength and Conditioning combined may be applied toward graduation.

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.

FIT MALE

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

Only two (2) credits of Fitness/Aerobics, Fit Female, Weight Training and Strength and Conditioning combined may be applied toward graduation.

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.

SCIENCE DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Physical Science	X			
Applied Physical Science	X			
Biology		X	X	X
Integrated Science		X	X	X
Chemistry*		X	X	X
Geoscience*		X	X	X
Ecology*		X	X	X
Conceptual Physics*		X	X	X
Anatomy/Physiology*		X	X	X
Advanced Placement Physics 1*#			X	X
Advanced Placement Physics 2*#			X	X
Advanced Placement Biology*#		X	X	X
Advanced Placement Chemistry*#			X	X
Career and Technical Education Center on the Bismarck State College Campus				
Agri-Science Technology		X	X	X
Botany/Horticulture		X	X	X

* = Course has a prerequisite (check course description)

= Consultation with the instructor required

All students are required to complete three credits of lab science courses for graduation including physical science and biology. The following courses will fulfill those requirements.

<u>PLAN</u>	<u>FRESHMAN</u>	<u>SOPHOMORE</u>	<u>JUNIOR</u>	<u>SENIOR</u>
H.S. Diploma or 2-year program	PHYSICAL SCIENCE	BIOLOGY or BOTANY/HORT	<u>CHOOSE 1 or 2 EACH YEAR (1 sem. each)</u> CONCEPTUAL PHYSICS or INTEGRATED SCIENCE or GEOSCIENCE & ECOLOGY or BOTANY/HORTICULTURE	
4-Yr College in a major without a science emphasis	PHYSICAL SCIENCE	BIOLOGY or AP BIOLOGY	CHEMISTRY or CONCEPTUAL PHYSICS + ECOLOGY, GEO or INTEGRATED SCIENCE	AP PHYSICS 1 or CONCEPTUAL PHYSICS + ECOLOGY, GEO or INTEGRATED SCIENCE
4-Yr. College WITH science emphasis	PHYSICAL SCIENCE	AP BIOLOGY or CHEMISTRY (take one of these in the summer to get ahead)	CHEMISTRY AP PHYSICS 1 ANATOMY, or GEO + ECOLOGY	AP PHYSICS 1 and/or 2 AP CHEM or AP BIO, or ANATOMY, CHEM, GEO + ECOLOGY
4-Yr. College WITH science emphasis & AP COURSES	PHYSICAL SCIENCE	AP BIOLOGY and CHEMISTRY (Pair with Summer School or take both during the year)	AP PHYSICS 1 ANATOMY AP BIOLOGY	<u>CHOOSE TWO EACH YEAR</u> AP CHEMISTRY AP PHYSICS 2

APPLIED PHYSICAL SCIENCE

Grade Placement: 9..... 1 credit.....Full Year

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.

PHYSICAL SCIENCE

Grade Placement: 9..... 1 credit..... Full year

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 conduct experiments using standard lab equipment and computer interface equipment.

BIOLOGY

Grade Placement: 10, 11, 12.....1 credit..... Full year

Biology is the scientific study of living organisms. Major topics covered in the course include the cell, cellular reproduction, genetics, microbiology, botany, vertebrates, human biology and ecological relationships. A variety of lab work, including DNA study and dissections of various vertebrates (including fish, frogs and rats) are an important part of the course.

INTEGRATED SCIENCE

Grade Placement: 10, 11, 12.....1 credit..... Full year

This course is a practical hands-on course that is designed for students who are not planning to pursue a career in the advanced sciences. This course will introduce students to introductory biology and chemistry concepts and skills. While a variety of laboratory techniques will be covered, lecture is also necessary for proper understanding of the content and procedures. This course will fulfill the requirement of one credit toward the three required for college admission.

CHEMISTRY

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Physical Science and Algebra I

Chemistry is the study of atoms and molecules as they bond together to form the building materials of nature. The course is essentially inorganic and will prepare the student for college chemistry. Chemical principles and theories are presented in the classroom and laboratory. Algebra I is essential.

GEOSCIENCE

Grade Placement: 10, 11, 12.....1/2 credit..... Semester 1 or 2

Prerequisite: Physical Science

This course will explore two main topics of Geoscience: Geology & Meteorology. Topics will include regional landforms, glaciation, and geological history, atmosphere, weather and climate, thunderstorms, tornadoes, hurricanes, and forecasting. The course will implement weather maps, online satellite and weather imagery, small-scale weather system modeling activities.

ECOLOGY

Grade Placement: 10, 11, 12.....1/2 credit..... Semester 1 or 2

Prerequisite: Biology

Ecology is the study of living organisms and their relationships to one another and the environment. The course emphasizes the effects of people on plant and animal populations, natural resources and pollution. Students taking ecology should have a basic understanding of mathematics.

ANATOMY AND PHYSIOLOGY

Grade Placement: 10, 11, 12.....1 credit..... Full year

Prerequisite: Biology

Anatomy and Physiology provides a detailed study of the structures of the human body. Course content includes the major functional systems (nervous, digestive, circulatory, etc.) with a concentration on the identification and function of structures along with the physiology of the regulation and control of bodily functions. Preserved, latex-injected lab specimens of cats will be used for dissections. *This is an advanced-level course, designed for students interested in pursuing a career in the medical profession and/or to prepare students for future college anatomy and physiology course work. A strong interest in biology is a prerequisite for this class.*

CONCEPTUAL PHYSICS

Grade Placement: 10, 11, 12.....1 credit..... Full Year

Prerequisite: Must have successfully completed Algebra I-Year 1

All of the Physics with half the math. This class covers all the concepts of physics with the main focus on understanding the principles. Topics covered include: motion, Newton's Laws, energy, heat, light, sound, fluid properties, and electricity. Emphasis is given to practical applications and uses of the principles. This is a "hands on" class with much time spent on laboratory work. Successful completion of this course will fulfill the physical science requirement for graduation.

ADVANCED PLACEMENT PHYSICS 1

Grade Placement: 11, 12.....1 credit..... Full year

Prerequisite: Successful completion or current enrollment in Algebra II or prior instructor approval.

Physics is the science of matter and energy and interactions between the two. This class is equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics, work, energy, power, mechanical waves, and sound. It also introduces electric circuits. Students are expected to take the AP exam.

ADVANCED PLACEMENT PHYSICS 2

Grade Placement: 11, 12.....1 credit..... Full year

Prerequisite: Successful completion of Physics 1 or prior instructor approval.

This is the equivalent of a second semester college course in algebra-based physics. The course content includes fluid mechanics, thermodynamics, electricity & magnetism, optics, atomic & nuclear physics. Students have the option of taking the AP exam.

ADVANCED PLACEMENT BIOLOGY

Grade Placement: 10, 11, 12.....1 credit..... Full year

AP Biology is a yearlong laboratory course which is an accelerated college preparatory biology course designed for highly motivated students who are considering a college science major at the post-secondary level. Major topics covered in the course include the cell, cellular reproduction, genetics, and energy flow amongst organisms, microbiology, vertebrates, and ecological relationships. A variety of lab work, including DNA study and dissections of pigs are an important part of the course. Technical writing, critical-thinking and individual research skills are emphasized.

ADVANCED PLACEMENT CHEMISTRY

Grade Placement: 11, 12.....1 credit..... Full year

Prerequisite: One year of Chemistry and Algebra II

Consultation with the instructor required prior to registration.

This AP course is designed to be the equivalent of the general chemistry course taken in college. Topics will include structure of matter, states of matter, and reactions - including acid-bases, stoichiometry, equilibrium, kinetics, thermodynamics and electrochemistry. Lab work is an integral part of the course.

**Career and Technical Education (CTE) Center on the Bismarck State College
Campus.**

10th grade enrollment is based on space available.

BOTANY/HORTICULTURE

Grade Placement: 10, 11, 12.....2 credits (2 hr. block) Full year (Early Bird offered as an option)

Alternative Credit: Fulfills up to two science credits for graduation; however, both semesters of this course will fulfill only one college entrance science requirement credit. Successful completion both semesters of botany/horticulture will fulfill the biology requirement for graduation.

This course, offered at the CTE Center on the BSC campus, is designed to give hands-on instruction in skills related to nurseries, greenhouses, florist shops, lawn services, landscaping, park and landscape maintenance, gardening, and fruit production.

AGRI-SCIENCE TECHNOLOGY

Grade Placement: 10, 11, 12.....1 credit (2 hr. block) Semester 1 or 2

Alternative Credit: Fulfills one science credit for graduation; however, this one semester course will fulfill only 1/2 college entrance science requirement credit.

This agri-science technology course is intended to introduce students to scientific, production, and mechanical concepts of agriculture and to relate it to today's technology. It includes the study of agricultural plants, animals, soils, ag business, horticulture, pesticides, computers, carpentry, mechanics, and food technology. Field trips to various Ag related businesses are taken throughout the semester. Leadership through the FFA is an optional part of this course. This course is offered at the CTE Center on the BSC campus.

SOCIAL STUDIES DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Global Studies	X			
U.S. History 1914 – 1945			X	
U.S. History 1945 - Present			X	
Advanced Placement U.S. History#		X	X	X
American Pageant			X	
Government				X
Advanced Placement Government#				X
Economics				X
SOCIAL STUDIES ELECTIVES				
World History I (To 1500 AD)	X	X	X	X
World History II (1500 AD-Present)	X	X	X	X
U.S. History 1763-1880	X	X	X	X
North Dakota History	X	X	X	X
Sociology	X	X	X	X
Psychology	X	X	X	X
Advanced Placement Psychology#			X	X
Criminal Law			X	X

- Consultation with instructor required.

All students are required to complete three units of social studies for graduation. The following are courses which fulfill the requirements:

Global Studies (9th grade) **OR** World History I & II

11th grade: U.S. History 1914 – 1945 **AND** U.S. History 1945 - Present

OR American Pageant **OR** AP U.S. History

12th grade: A semester of Government **OR** a full year of AP Government **AND** a semester of Economics

GLOBAL STUDIES

Grade Placement: 9.....1 credit..... Full year

This is a required course of study for 9th grade. It is a study of the history, geography and culture of the Eastern Hemisphere nations. It is an explanation of recent historical events and how those events apply to world conditions today. Political and economic systems, as well as religious and cultural similarities and differences are part of the course of study.

US HISTORY 1914-1945

Grade Placement: 11.....1/2 credit.....Semester 1 only

Major units of study include involvement in world politics from World War I to the Great Depression and through the New Deal, the policy of isolationism, the rise of Fascism, and Pearl Harbor and World War II restraint and involvement in world politics.

US HISTORY 1945 – PRESENT

Grade Placement: 11.....1/2 credit.....Semester 2 only

Major units of study include the changing political and social climate after WWII, the Korean and Vietnam wars, the Civil Rights era, the economy and world affairs from the 70's through the War on Terror. Students will also explore social issues, changes, and controversies of the 21st Century.

ADVANCED PLACEMENT US HISTORY

Grade Placement: 10, 11, 12.....1 credit..... Full year

Consultation with instructor required prior to registration.

The Advanced Placement U.S. History course is a survey covering the major themes from earliest settlement to present times. Students electing to take AP U.S. History need to be self-directed, highly motivated and independent learners since there will be considerable use of primary sources, supplemental readings and research. Students will be encouraged to take the AP exam. The class fulfills the junior U.S. History requirement.

AMERICAN PAGEANT

Grade Placement: 11.....2 credits (1 in English 11 & 1 in U.S. History) (2 hr. block) Full year

American Pageant is a collaborative, interdisciplinary course that combines the requirements of U.S. History and English 11. Students will experience how U.S. History and American Literature support each other while exploring worldwide connections.

GOVERNMENT

Grade Placement: 12.....1/2 credit..... Semester 1 or 2

Government is a one-semester required course for seniors. The course studies philosophies of government and legal systems. A major emphasis will be the functions of national government, with some time devoted to state and local systems. The U.S. Constitution will be studied in depth with units on democracy, Congress, the President, court structure, political parties, and individual rights. Students will be helped to understand the responsibilities of citizenship.

ADVANCED PLACEMENT GOVERNMENT

Grade Placement: 12.....1 credit..... Full Year

Consultation with instructor required prior to registration.

This is a survey course in U.S. Government covering major themes and areas from what government is to the numerous facets of how it works. Students electing to take AP Government must be self-directed, highly motivated and independent learners due to the considerable use of primary sources, supplemental readings and research. The focus of AP Government is to develop the student's ability to effectively analyze, interpret, write, discuss, and draw conclusions on topical areas in U.S. Government. Students will be encouraged to take the AP exam. This class fulfills the senior Government requirement.

ECONOMICS

Grade Placement: 12.....1/2 credit..... Semester 1 or 2

The course focuses on the modified market economy of the United States, how it compares to other economic systems, and the role of the United States in the global marketplace. Students will learn how individuals and societies use their resources to satisfy their wants/needs. This course should enable students to apply economic knowledge to their daily lives.

SOCIAL STUDIES ELECTIVES

WORLD HISTORY I (Pre-History - 1500 A.D.)

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 only

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)

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 2 only

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.

U.S. HISTORY 1763-1880 (Revolutionary War-Reconstruction)

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

NORTH DAKOTA HISTORY

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

SOCIOLOGY

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

PSYCHOLOGY

Grade Placement: 9, 10, 11, 12.....1/2 credit..... Semester 1 or 2

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.

ADVANCED PLACEMENT PSYCHOLOGY

Grade Placement: 10, 11, 12.....1 credit..... Full year

Consultation with instructor required prior to registration.

This full year college level course will include lecture, outside reading assignments and individual research projects. Computer simulations and use of the Internet will be used to further enhance the student's learning. Students electing to take AP Psychology should be highly motivated, self-directed learners with a strong interest in Psychology. They should be able to demonstrate excellent reading and writing skills. At the completion of the course, students will be encouraged to take the AP exam to earn college credit.

CRIMINAL LAW

Grade Placement: 11, 12.....1/2 credit..... Semester 1 or 2

The American legal system is divided into civil and criminal law. This course deals with the criminal aspect of our legal system. The U.S. Constitution, courts systems, law enforcement and correction are studied. Student participation is required in this course, because everyone will take part in a "mock trial" conducted once each semester. The mock trial takes approximately 5 additional hours (outside of the regular school day).

WORLD LANGUAGE DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
French I	X	X	X	X
French II*		X	X	X
French III*			X	X
French IV*				X
German I	X	X	X	X
German II*		X	X	X
German III*			X	X
German IV*				X
Latin I	X	X	X	X
Latin II*		X	X	X
Latin III*			X	X
Latin IV*				X
Spanish I	X	X	X	X
Spanish II*		X	X	X
Spanish III*			X	X
Spanish IV*				X

* = Course has a prerequisite (check course description)

The upper level classes in each discipline may be combined depending on enrollment.

MODERN AND CLASSICAL

The goal of the World Language program is to prepare students to communicate effectively with speakers of a different language. Why is learning another language essential for Bismarck students? It is important to prepare our students for success in a rapidly changing world where language and communication with other cultures is essential. World language study brings many academic and cognitive benefits to students. It has been shown to positively affect standardized test scores, such as the SAT and ACT. Learning another language strengthens critical-thinking and problem-solving skills. Finally, world language study enhances students' respect for and raises awareness of other cultures, as well as providing a competitive edge in career and personal life.

It is strongly recommended that all students in the Bismarck School District study a world language. Modern and Classical Language students have the opportunity to achieve the Seal of Biliteracy. The Seal of Biliteracy is a seal placed on a student's high school diploma and transcript as another way to inform future employers and colleges of proficiency in English and at least one other language. Students should study one world language, for four consecutive years, as length of study is the most important factor in becoming a proficient communicator. Most colleges and universities require at least two consecutive years of study of one world language. Competitive schools often require three or four years. Several years of world language study gives students a competitive edge in college admissions.

Levels II, III and IV of each language have a prerequisite (check course description).

MODERN WORLD LANGUAGES

FRENCH I or GERMAN I or SPANISH I

1 credit..... Full year

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.

FRENCH II or GERMAN II or SPANISH II

1 credit..... Full year

Prerequisite: Passed Level I with a satisfactory grade

Continue the process toward communicating in another language! Students continue to learn the language through its use in realistic contexts with more complex grammatical structures. Additional listening, speaking, writing and reading skills are acquired through practice with authentic materials and in real-life situations. In addition to assignments from the text, students give presentations, read short stories, watch films, and write to increase fluency in the language. The study of customs and culture is an integral part of the course. The curriculum emphasizes more challenging use of the language.

FRENCH III or GERMAN III or SPANISH III

1 credit..... Full year

Prerequisite: Passed Level II with a satisfactory grade

The journey continues! Emphasis is on all four skills of communication: listening, speaking, reading, and writing. Students continue to work toward mastery of the essential elements of grammar and development of a sufficient vocabulary to use the language proficiently in many situations. Reading skills continue development with authentic materials. Students' writing skills become increasingly complex and sophisticated. Students continue to develop global awareness and prepare to function as world citizens

FRENCH IV or GERMAN IV or SPANISH IV

1 credit..... Full year

Prerequisite: Passed Level III with a satisfactory grade

Put the language to use! While students work toward mastery of grammar, they practice using the language in authentic ways. Oral communication is practiced with a variety of materials. Students broaden their appreciation of culture through the study of current and historical events, literature and film.

CLASSICAL LANGUAGE

LATIN I

1 credit..... Full year

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.

LATIN II

1 credit..... Full year

Prerequisite: Passed Latin I with a satisfactory grade

Continue the process toward communicating in another language! This course continues with Latin readings that emphasize Roman culture and its influence in the modern Western world. More advanced grammar is studied. The student expands his/her comprehension skills through readings of appropriate difficulty. The student continues to develop a Latin vocabulary and to enlarge his/her English vocabulary. The student studies the people, places, and events that shaped Roman history. The curriculum emphasizes more challenging use of the language.

LATIN III

1 credit..... Full year

Prerequisite: Passed Latin II with a satisfactory grade

The journey continues! The course provides for translation practice, reading comprehension, an introduction to rhetorical devices, and both Latin and English vocabulary expansion through a study of Latin selections. Students read authentic texts from real Roman authors. The student develops an understanding of the relationship between the works read and their social, economic, political, and historical contexts.

LATIN IV

1 credit..... Full year

Prerequisite: Passed Latin III with a satisfactory grade

Put the language to use! The student studies selected works of Latin literature. Emphasis is on increasing comprehension and refining skills for critical analysis. Continued attention is given to the acquisition of Latin vocabulary, especially those words/idioms peculiar to authors read and to the varying connotations of familiar word

SPECIAL SERVICES DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
CTRE Resource Education	X	X	X	X
CTRE Service Learning			X	X
Reading Strategies	X	X	X	X

CTRE TUTORING SERVICES

Recommendation from Career & Technical Resource Educator, Counselor or Administrator

Career and Technical Resource Education (CTRE) is a supplementary course for students who require assistance to succeed in their education program. The CTRE course offers small group and individual support. The course is designed to teach and reinforce academic success skills and Career Ready Practices. Enrollment in CTRE is based on the recommendation of school teams, Counselor and/or Administrator. S/U grading.

READING STRATEGIES

Grade Placement: 9, 10, 11, 12..... 1 credit..... Full Year

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.

SPECIAL SERVICES/LIFE EDUCATION

CORE CLASSES
Applied Topics in English/Language I – V
Applied Topics in Math I – V
Applied Topics in Science I – V
Applied Topics in Social Studies I – V
ELECTIVE CLASSES
Applied Topics in Occupational Education I – V
Applied Topics in Health I – V
Applied Topics in Daily Living I – V
Applied Topics in Accessing the Community I – III
Applied Topics in Recreation/Leisure I – III
Expanded Core Curriculum Skills I – V

SPECIAL EDUCATION SERVICES

In order to receive Special Education services, students must meet eligibility criteria in one or more of the thirteen disability categories. If determined eligible, each student will have an Individualized Education Program (IEP) to meet their learning needs. This IEP could include related services based on identified needs and meeting eligibility criteria for specific related services.

Each student will be assigned a special education teacher who will facilitate the development of evaluations, IEPs, and oversee day to day services.

Disability categories include: autism, deaf-blindness, deafness, emotional disturbance, hearing impairment, intellectual disability, orthopedic impairment, other health impairment, specific learning disability, speech or language impairment, traumatic brain injury, visual impairment. Eligibility criteria must be met.

Related services are based on need and eligibility criteria and may include: speech-language pathology, audiology, interpreting, psychological, physical therapy, occupational therapy, adapted physical education, orientation and mobility, augmentative communication, assistive technology, transportation, nursing, and social work.

CORE CLASSES

APPLIED TOPICS IN ENGLISH/LANGUAGE I

Grade Placement: 9 – 12

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 ENGLISH/LANGUAGE II

Grade Placement: 9 – 12

**Prerequisite: 1 credit in Applied Topics in English/Language I*

Expanded student studies to teach life skills impacting personal-social skills such as: listening and responding, communicating with understanding, the subtleties of communication, and effective written/verbal language skills in a variety of situations.

APPLIED TOPICS IN ENGLISH/LANGUAGE III

Grade Placement: 9 – 12

**Prerequisite: 1 credit in Applied Topics in English/Language II*

The application of life skills impacting personal-social skills such as: listening and responding, communicating with understanding, the subtleties of communication, and effective written/verbal language skills in a variety of situations.

APPLIED TOPICS IN ENGLISH/LANGUAGE IV

Grade Placement: 9 – 12

**Prerequisite: 1 credit in Applied Topics in English/Language III*

The application of life skills impacting personal-social skills such as: listening and responding, communicating with understanding, the subtleties of communication, and effective written/verbal language skills in a variety of situations.

APPLIED TOPICS IN ENGLISH/LANGUAGE V

Grade Placement: 9 – 12

**Prerequisite: 1 credit in Applied Topics in English/Language IV*

The application of life skills impacting personal-social skills such as: listening and responding, communicating with understanding, the subtleties of communication, and effective written/verbal language skills in a variety of situations.

APPLIED TOPICS IN MATH I

Grade Placement 9 – 12

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 MATH II

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Math I*

Expanded student studies and/or increased independence in community participation competencies in math impacting vocational, domestic living, leisure and recreation curricular areas, such as: using money, estimating, budgeting, making purchases, managing finances, and banking.

APPLIED TOPICS IN MATH III

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Math II*

Application of (semi) independence in community participation competencies in the math domain impacting vocational, domestic living, leisure and recreation curricular areas such as: using money, estimating, budgeting, making purchases, managing finances, and banking.

APPLIED TOPICS IN MATH IV

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Math III*

Application of (semi) independence in community participation competencies in the math domain impacting vocational, domestic living, leisure and recreation curricular areas such as: using money, estimating, budgeting, making purchases, managing finances, and banking.

APPLIED TOPICS IN MATH V

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Math IV*

Application and/or maintenance of (semi) independence in community participation competencies in math domain impacting 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

Grade Placement: 9 – 12

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 SCIENCE II

Grade Placement: 9 – 12

**Prerequisite: ½ credit in Applied Topics in Science I*

Expanded student studies in physical and biological sciences such as: power and energy; electricity; elements/compounds; chemical reactions/interactions; matter; motion; sound/light; cells; living/non-living things; the human body; classifications, systems, and behaviors; staying healthy, nutrition, disease, environment; ecosystems and populations.

APPLIED TOPICS IN SCIENCE III

Grade Placement: 9 – 12

**Prerequisite: ½ credit in Applied Topics in Science II*

The application of physical and biological sciences such as: power and energy; electricity; elements/compounds; chemical reactions/interactions; matter; motion; sound/light; cells; living/non-living things; the human body; classifications, systems, and behaviors; staying healthy, nutrition, disease, environment; ecosystems and populations.

APPLIED TOPICS IN SCIENCE IV

Grade Placement: 9 – 12

**Prerequisite: ½ credit in Applied Topics in Science III*

The demonstration and application of physical and biological sciences such as: power and energy; electricity; elements/compounds; chemical reactions/interactions; matter; motion; sound/light; cells; living/non-living things; the human body; classifications, systems, and behaviors; staying healthy, nutrition, disease, environment; ecosystems and populations.

APPLIED TOPICS IN SCIENCE V

Grade Placement: 9 – 12

Prerequisite: ½ credit in Applied Topics in Science IV

Application and maintenance of physical and biological sciences skills and knowledge such as: power and energy; electricity; elements/compounds; chemical reactions and interactions; matter; motion; sound/light; cells; living/nonliving things; the human body; classifications, systems, and behaviors; staying healthy, nutrition, disease, environment; ecosystems and populations.

APPLIED TOPICS IN SOCIAL STUDIES I

Grade Placement: 9 – 12

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.

APPLIED TOPICS IN SOCIAL STUDIES II

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Social Studies I*

Expanded student studies and/or increased independence in life skills (exhibiting responsible citizenship within the community), such as: civil and citizen rights/responsibilities; local, state and federal government; laws; and locate community, regional and state sites with/without use of a map.

APPLIED TOPICS IN SOCIAL STUDIES III

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Social Studies II*

Expanded student studies and/or increased independence in life skills (exhibiting responsible citizenship within the community), such as: civil and citizen rights/responsibilities; local, state and federal government; laws; and locate community, regional and state sites with/without use of a map.

APPLIED TOPICS IN SOCIAL STUDIES IV

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Social Studies III*

Expanded student studies and/or increased independence in life skills (exhibiting responsible citizenship within the community), such as: civil and citizen rights/responsibilities; local, state and federal government; laws; and locate community, regional and state sites with/without use of a map.

APPLIED TOPICS IN SOCIAL STUDIES V

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Social Studies IV*

Expanded student studies and/or increased independence in life skills (exhibiting responsible citizenship within the community), such as: civil and citizen rights/responsibilities; local, state and federal government; laws; and locate community, regional and state sites with/without use of a map.

ELECTIVE CLASSES

APPLIED TOPICS IN OCCUPATIONAL EDUCATION I

Grade Placement: 9 – 12

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 OCCUPATIONAL EDUCATION II

Grade Placement: 9 – 12

**Prerequisite: ½ credit in AT Occupational Ed I*

Expanded student studies and/or increased independence in the demonstration of appropriate work habits and behaviors; seek/maintain employment; knowledge and exploration of occupational choices; and obtain specific occupational skills.

APPLIED TOPICS IN OCCUPATIONAL EDUCATION III

Grade Placement: 9 – 12

**Prerequisite: ½ credit in AT Occupational Ed II*

Application of (semi) independence of, appropriate work habits and behaviors; seek/maintain employment; knowledge of occupational choices; and sustain specific occupational skills.

APPLIED TOPICS IN OCCUPATIONAL EDUCATION IV

Grade Placement: 9 – 12

**Prerequisite: ½ credit in AT Occupational Ed III*

Expanded student studies and/or increased independence in the demonstration and application of appropriate work habits and behaviors; seek/maintain employment; knowledge and exploration of occupational choices; and obtain specific occupational skills.

APPLIED TOPICS IN OCCUPATIONAL EDUCATION V

Grade Placement: 9 – 12

**Prerequisite: ½ credit in AT Occupational Ed IV*

Application and/or maintenance of (semi) independent appropriate work habits and behaviors; maintain employment; knowledge of occupational choices; and sustain specific occupational skills.

APPLIED TOPICS IN HEALTH I

Grade Placement: 9 – 12

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 HEALTH II

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Health I*

Expanded student studies and/or increased independence in the application and demonstration of daily living skills (caring for personal needs) such as: appropriate dress; personal safety, proper grooming and hygiene; knowledge, prevention and treatment of common illnesses.

APPLIED TOPICS IN HEALTH III

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Health III*

Application of (semi) independence of daily living skills (caring for personal needs), such as: dressing appropriately; personal safety, proper grooming and hygiene; knowledge of and reaction to common illnesses; and prevention and treatment of common illnesses.

APPLIED TOPICS IN HEALTH IV

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Health III*

Expanded student studies and/or increased independence in the application and demonstration of daily living skills (caring for personal needs) such as: appropriate dress; personal safety, proper grooming and hygiene; knowledge, prevention and treatment of common illnesses.

APPLIED TOPICS IN HEALTH V

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Health IV*

Application and maintenance of (semi) independence in daily living skills (caring for personal needs), such as: dressing appropriately; practicing personal safety, proper grooming and hygiene; knowledge of and reaction to common illnesses; and prevention and treatment of common illnesses.

APPLIED TOPICS IN DAILY LIVING I

Grade Placement: 9 – 12

An introductory course designed to teach life skills impacting daily living and personal-social skills, such as: apartment/home living; caring for personal needs; buying and caring for clothing; self-awareness and socially responsible behavior; and appropriate interpersonal skills.

APPLIED TOPICS IN DAILY LIVING II

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Daily Living I*

Expanded student studies and/or increased independence in the demonstration of community-based competencies of

daily living and personal-social skills, such as: apartment/home living; caring for personal needs; buying and caring for clothing; self-awareness and socially responsible behavior; and appropriate interpersonal skills.

APPLIED TOPICS IN DAILY LIVING III

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Daily Living II*

Application of community-based competencies in daily living and personal-social skills, such as: apartment/home living; caring for personal needs; buying and caring for clothing; self-awareness and socially responsible behavior; and appropriate interpersonal skills.

APPLIED TOPICS IN DAILY LIVING IV

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Daily Living III*

Expanded student studies and/or increased independence in the demonstration of community-based competencies of daily living and personal-social skills, such as: apartment/home living; caring for personal needs; buying and caring for clothing; self-awareness and socially responsible behavior; and appropriate interpersonal skills.

APPLIED TOPICS IN DAILY LIVING V

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Daily IV*

Application and maintenance of (semi) independence of community-based competencies in daily living and personal/social skills, such as: apartment/home living; caring for personal needs; buying and caring for clothing; self-awareness and socially responsible behavior; and appropriate interpersonal skills.

APPLIED TOPICS IN ACCESSING COMMUNITY I

Grade Placement: 9 – 121/4,1/2, or 1 credit

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 ACCESSING COMMUNITY II

Grade Placement: 9 – 12

**Prerequisite: ½ credit in AT Accessing the Community I*

Expanded student studies/practices designed to increase semi-independence or 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 ACCESSING COMMUNITY III

Grade Placement: 9 – 12

**Prerequisite: ½ credit in AT Accessing the Community II*

Demonstration or maintenance of (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

Grade Placement: 9 – 12

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.

APPLIED TOPICS IN RECREATION/LEISURE II

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Recreation/Leisure I*

Expanded student studies and/or increased independence of community participation in daily living skills (utilizing recreational facilities and engaging in leisure), such as: demonstrating the value of recreation; community resources for lifelong leisure and recreation activities; choosing and planning appropriate individual and group leisure activities and vacation time.

APPLIED TOPICS IN RECREATION/LEISURE III

Grade Placement: 9 – 12

**Prerequisite: ½ credit of AT Recreation/Leisure II*

Illustration and/or maintenance of (semi) independence of community daily living skills (utilizing recreational facilities and engaging in leisure), such as: describing value of recreation; community resources for lifelong leisure and recreation activities; choosing, planning and initiating appropriate individual and group leisure activities.

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.

Three elective credits must be in World or Native American Languages, fine arts, or career and technical education courses.

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