



# High School Registration Guide



2023-2024

Bismarck High School Edition



## **Bismarck High School Mission Statement**

The mission of Bismarck High School  
is to foster a tradition of excellence  
by empowering students to become responsible citizens  
who make sound personal choices and decisions.

## **SCHOOL BOARD**

Jon Lee, President  
Dan Eastgate, Vice President  
Emily Eckroth  
Josh Hager  
Donnell Preskey

## **ADMINISTRATION**

Dr. Jason Hornbacher	Superintendent
Dr. Ben Johnson	Asst. Superintendent of Secondary Ed. & Curriculum Instruction
Brad Barnhardt	Asst. Superintendent of Secondary Ed. & Student Services
Darin Scherr	Business Manager
Stacey Geiger	Human Resources Manager
Danica Nelson	Special Services Director



Dear Students:

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, appearing to read 'D. Wisthoff', with a long, sweeping horizontal stroke extending to the right.

David Wisthoff  
Principal, Bismarck High School

BHS Student Services  
Phone # 701-323-4802

Julie Berg, Counselor                      Barb Coyle, Counselor  
Savannah Hogue, Counselor          Karmen Wahl, Counselor

## TABLE OF CONTENTS

Logo/Mission Statement .....	1
Principal’s Letter .....	3
Notification of NON-DISCRIMINATION Policy .....	5
Shared Values .....	5
How to Use this Guide .....	5
Class Change Requests .....	5
Bismarck High School Profile .....	6
Graduation Requirements .....	7
ND University System Admission Requirements .....	7
Dual Credit Checklist .....	8
ND State Scholarship Opportunities .....	9
Schedule Requirements .....	12
Early Graduate .....	12
Grade Point Average .....	12
Dual Credit .....	12
Advanced Placement Program .....	13
College Athletic Eligibility .....	13

## DEPARTMENTS

Art .....	15
Business Education Department .....	19
Computer Programming.....	21
English .....	22
Family & Consumer Sciences .....	26
Mathematics .....	29
Medical Careers .....	34
Miscellaneous Electives .....	36
Music.....	38
Physical Education .....	41
Science .....	44
Social Studies .....	48
World Language.....	52
Planning Ahead .....	54
Index of Courses .....	55

**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 Stacey Geiger, 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.

## Bismarck High School Profile

Bismarck High School is a public school with enrollments of approximately 1350 students in grades 9, 10, 11, and 12. The Bismarck School District requires a minimum of 24 credits for graduation in grades 9 through 12. Courses are required in the following areas:

English 4 credits  
Science 3 credits  
Math 3 credits  
Social Studies 3 credits  
Physical Education 2 credits  
Foreign Language, Fine Arts, CTE 3 credits

Advanced Placement courses are offered in **Biology, AB Calculus, BC Calculus, Chemistry, Environmental Science, Computer Science A, Computer Science Principals, English 11 (Language), English 12 (Literature), Psychology, Physics 1 and US History**. Classes are noted on the transcript with “AP.” Students can accelerate in mathematics and English, and BHS offers three honors courses: **Enriched Algebra II, Enriched Pre-calculus, and Honors English 10**. Dual credit is available for the following courses: **College Algebra, Computer Programming, Probability and Statistics, Speech, Web Page Design, Medical Terminology, Biology, Prevention and Care of Athletic Injuries, AB Calculus, BC Calculus, Chemistry, Environmental Science, Physics, English 11, English 12, Government, Psychology, Pre-Calc, Sociology, Spanish IV, Lifetime Wellness II, and US History**.

Bismarck High School uses the following grading system:

	<u>Unweighted</u>	<u>Weighted</u>
A=Superior	4.0	5.0
B=Above Average	3.0	4.0
C=Average	2.0	3.0
D=Below Average	1.0	2.0
F=Failing		

**Please note: only AP Courses will be weighted on a 5.0 scale.**

Seniors are ranked on the basis of grade point averages for all classes taken in grades 9, 10, 11 and first semester of grade 12. Students who have a combined grade point average of 4.0 or higher will earn a class rank of “1” and be recognized as **valedictorians**. All students who have a combined grade point average of 3.75 are recognized as graduating with **highest distinction**.

Approximately 70% of seniors pursue further education immediately after high school.

## 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, Honors English 10  
  
English 11 or  
English 11/U.S. History  
Advanced Placement English 11  
English 12 or  
World Lit  
Advanced Placement English 12  
English 12-Dual Credit

### Mathematics – 3 credits of mathematics

Algebra I is required, or  
Algebra I Block  
Informal Geometry  
Geometry  
Enriched Geometry  
Consumer Mathematics  
Algebra Plus  
Algebra II or  
Enriched Algebra II  
College Algebra  
Probability & Statistics  
Applied Trigonometry  
Pre-Calculus or  
Advanced Placement Calculus AB or BC  
Advanced Placement Stats

### Physical Education – 2 credits of physical education (one semester each year)

Phy. Ed. 9  
Phy. Ed. 10  
Phy. Ed. 11 or  
Aquatics  
Fit Male/ Female  
Intro to Weights  
Lifetime Wellness  
Individual and Dual Sports  
Phy. Ed. 12 or  
Aquatics  
Health  
Family Living  
Parenting  
Lifetime Wellness  
Strength and Conditioning

Individual and Dual Sports

### Science – 3 credits of lab science

Physical Science is required  
  
Conceptual Physics, Chemistry, Physics  
Biology is required, or  
Advanced Placement Biology  
CTE – Botany/ Horticulture  
Integrated Science  
Chemistry  
Ecology  
Geoscience  
Conceptual Physics  
Anatomy/Physiology  
Advanced Placement Biology  
Advanced Placement Chemistry  
Advanced Placement Environmental Science  
Advanced Placement Physics I & II  
  
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  
Advanced Placement U.S. History  
Government (semester) or  
Dual Credit American Government (semester)  
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.**

#### ND College and University Admission Guidelines

High School Core Coursework:  
4 units of English  
3 units of mathematics (algebra 1 or higher)  
3 units of laboratory science  
3 units of social science  
1 unit of above category or world languages (if attending NDSU or UND)



# DUAL CREDIT ADMISSIONS CHECKLIST

## SUBMIT ONLINE APPLICATION

- Access ND Education Portal through Power School if able (application instructions available)
- Students can also access the application at this link
  - <https://bismarckstate.edu/admissions/howtoapply/highschool/>

Only new students (students who didn't take dual credit this current semester) must fill out a new application

- **Pay the ONE-TIME \$35 application fee for first-time students**

## SUBMIT HIGH SCHOOL TRANSCRIPT AND PLACEMENT SCORES

- Unofficial transcripts can be sent through PowerSchool, by email: [bsc.admissions@bismarckstate.edu](mailto:bsc.admissions@bismarckstate.edu), or through eTranscripts
- Adequate placement scores are required to enroll in English & Math courses only
  - An Accuplacer exam can be taken if scores are not met.

## Placement Score Requirements

### English

Pre ACT or ACT English: **18**

Accuplacer **Writing: 256**

**Completion of English 110 or Completion of AP English Lang (AP 11)**

**Placement Domain:**

English 110 -College Composition I

**Placement Domain:** English 120- College Composition II

### Math

Pre ACT or ACT Math: **21** Accuplacer Math: **255**

**Placement Domain:**

Math 103 College Algebra

Math 104 Finite Math

Math 107 Pre-Calculus

Math 210 Elementary Stats

**Placement Domain** Calculus I

Pre ACT or ACT: **24**

Accuplacer Math Advanced Algebra: **264**

**Completion of Calculus I**

**Placement Domain** Calculus II

**Admissions (701)224-5429 / Student Finance (701) 224-5533**

## North Dakota State Scholarship (Class of 2024 Only)

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 March 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  
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 College

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### *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 3 deadline. It is recommended that the ACT be completed by February test date. For more information go to [www.actstudent.org](http://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 (no substitutes)
  - 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 BHS 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 (Locating Information, Reading for Information, Applied Mathematics)**. 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 \$30.00 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). Scores must be received by the June deadline.
- For more information on the ACT go to: [www.actstudent.org](http://www.actstudent.org) For more information on the WorkKeys assessments go to: [www.act.org/workkeys](http://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

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 Computer Programming Department courses

All Family & Consumer Science Department courses

All Medical Careers Department courses

All Career Academy courses – *except* Horticulture/Botany and Agri-Science Technology.

Math for 21<sup>st</sup> Century

### **\*\*\*\*Dual Credit Courses**

See your counselor.

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

# North Dakota Scholarship

## New requirements for class of 2025 & beyond



### NORTH DAKOTA SCHOLARSHIP as aligned to the Choice Ready Framework

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

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

Check here when student has completed Essential Skills

- Earn a **North Dakota high school diploma**
- Complete a **9-week Career Education/Individual Counseling, 4-year Rolling Plan**, pass **ND Civics Test**, earn a **3.0 or higher overall GPA**, and **four or more additional indicators**:
 

- 25 hours of Community Service
  - 95% Attendance (not counting school related absences)
  - Career Exploration Experience
  - Two or more years in organized Co-Curricular Activities

- Two or more years in organized Extra-Curricular Activities
  - Successfully complete a Capstone Project
  - Successfully complete an online learning course
  - Demonstrate competency in 21st Century Skills

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

### POST-SECONDARY READY

Check here when student is Post-Secondary Ready

Complete both indicator sets below:

ACT/SAT minimum composite score:
 

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

and

**Two or more additional indicators:**

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

### WORKFORCE READY

Check here when student is Workforce Ready

Complete both indicator sets below:

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

and

**Two or more additional indicators:**

- Complete Career Ready Practices Course
- Dual Credit Course (A, B or C) (4, 3 or 2)
- Technical Assessment/Industry Credential
- Workplace Learning Experience (40 hrs.)
- Work-based Learning Experience (Perkins V) (40 hrs.)
- NDSA (Reading/Math) Level 3 or greater, or ACT for Accountability: English 19/Mathematics 22 or greater

### MILITARY READY

Check here when student is Military Ready

Complete all three indicators below:

- ASVAB score of 85 or greater**, or ASVAB score of 31 or greater and have completed Basic Training;
- Physically Fit** - Have successfully completed required PE courses (A, B or C) (4, 3 or 2); **and**
- Complete **two or more** additional indicators from the **Post-Secondary or Workforce** options:
 

\_\_\_\_\_  
 \_\_\_\_\_

## 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 only five (5) credits of music performance toward the minimum graduation requirements.
- Students can apply only four (4) credits of journalism and/or broadcast 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.

## 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 BHS 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 (Grades 10-12 Only)

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. *College Algebra, Computer Programming, Probability and Statistics, Speech, Web Page Design, Medical Terminology, Biology, Prevention and Care of Athletic Injuries, AB Calculus, BC Calculus, Chemistry, Environmental Science, Physics, English 11, English 12, Government, Psychology, Pre-Calc, Sociology, Spanish IV, Lifetime Wellness II, and US History.*

## **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 AP courses: Biology, AB Calculus, BC Calculus, Chemistry, Environmental Science, Computer Science A, Computer Science Principals, English 11 (Language), English 12 (Literature), Psychology, Physics 1 and US History.

## **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 interest 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. The cost for each AP exam is \$100.00.

## **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](http://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](http://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**

**DIVISION II**

**Core Courses**

**16 Core Courses**

- **NCAA Divisions I and II require 16 core courses.** See the charts below.
- **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](http://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](http://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** GPA required to receive athletics aid and practice, 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, 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	DIVISION II 16 Core Courses
4 years of English	3 years of English
3 years of mathematics (Algebra I or higher)	2 of mathematics (Algebra I or higher)
2 years of natural/physical science (1 year of lab if offered by high school)	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	3 years of additional English, mathematics or natural/physical science
1 years of social science	2 years of social science
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)	4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

## ART DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Advanced Theatre Arts	X	X	X	X
AP Studio Art *				X
Art I	X	X	X	X
Arts & Crafts	X	X	X	X
Ceramics & Sculpture I		X	X	X
Ceramics & Sculpture II*		X	X	X
Ceramics & Sculpture III*			X	X
Drawing & Painting I*		X	X	X
Drawing & Painting II*		X	X	X
Drawing & Painting III*			X	X
Intro To Tech Theatre	X	X	X	X
Photography & Advertising Art I*	X	X	X	X
Photography & Advertising Art II*	X	X	X	X
TV & Cinema Production I	X	X	X	X
TV & Cinema Production II		X	X	X

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

*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.*

### ADVANCED PLACEMENT STUDIO ART

**Grade Placement: 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 Photograph & AD Art I, II***

*Instructors Approval. Cost of supplies and materials is \$35.00*

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.

### ADVANCED 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. Students in this class will provide technical and organizational support for all the dramatic productions presented by Bismarck and Century High Schools, and they will be expected to actively participate in the shows as cast or crew members.



## **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.

## **ARTS & CRAFTS**

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

*Cost of supplies and materials is \$35.00*

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, jewelry, clay work, sand painting, and print making. These areas of study will vary with each class and semester.

## **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.

## **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 set dealing with additive and subtractive sculpture, such as recycled sculpture, styrofoam, and clay relief.

## **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.

## **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.

## **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.

## **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.

## **INTRO TO TECH THEATRE**

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

This course provides a behind-the-scenes glimpse into the technical skills required for an average theatre production. Students will have hands-on opportunities to learn scene construction and gain experience in the areas of painting, lighting, sound, stage properties, costumes, makeup application and theatrical public relations/marketing. Course content and technical experiences may change each term based on the theater season being produced. Students in this class will provide technical and organizational support for the dramatic productions presented by the theatre department, and they will be expected to actively participate in theatre productions as cast or crew members through out-of-class participation.

## **PHOTOGRAPHY & ADVERTISING ART I**

**Grade Placement: 9,10, 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 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 and digital cameras. The projects will aid the student in understanding daily life as a producer and consumer in the mass media world.

## **PHOTOGRAPHY & ADVERTISING ART II**

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

*Prerequisite: Full Year of Art I, 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 and digital cameras.

## **TV & CINEMA PRODUCTION I**

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

In this broadcast art class, students will learn the skills necessary to produce a school broadcast through broadcast journalism, CS6 generated art, stop motion, animation and video production. In this class, students will learn to use digital and video cameras, video editing software, and CS6 programs including Photoshop and Premiere. Students will also gain a greater understanding of the Internet, art terminology, copyright and libel laws.

## **TV & CINEMA PRODUCTION II**

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

*Prerequisite: Approval from instructor or successful completion of TV & Cinema Production I. This class may be taken more than once but only four credits of Journalism may be applied toward minimum graduation requirements.* In this art class, students will produce the weekly BHS UpDate and numerous video and advertising products for school use through subject areas covering broadcast, computer-generated art, graphics, animation, and video production. Students must be able to demonstrate a professional attitude and ability to work independently and in groups.

## BUSINESS EDUCATION DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
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
School Based Enterprise*			X	X
Sports and Entertainment Marketing *		X	X	X
Web Page Design		X	X	X
CTE Internship*#			X	X

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

# = Consultation with the instructor required

### 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 or 2**

*Students who have completed 1 semester of Marketing I will be able to sign up for Marketing II.*

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

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

## **SCHOOL BASED ENTERPRISE**

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

*Enrollment in this course, requires an application which can be picked up in Student Services.*

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.

## **SPORTS AND ENTERTAINMENT MARKETING**

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

*Prerequisite: Marketing I*

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.

## **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.*

## **CTE INTERNSHIP (BUSINESS)**

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

*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.

*Successful completion of Marketing, Sports and Entertainment Marketing, and School Based Enterprise would count as the 2 units in the Marketing coordinated plan of study for the ND Career and Technical Education Scholarship. Successful completion of Business Software Applications, Accounting and Web Design would count as the 2 units in the Business and Office Technology coordinated plan of study for the ND Career and Technical Education Scholarship.*

## COMPUTER PROGRAMMING DEPARTMENT

Title of Course	Freshman	Soph.	Jr.	Sr.
AP Computer Science A #*			X	X
AP Computer Science Principles *		X	X	X
Computer Programming I	X	X	X	X
CTE Internship	X	X	X	X

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

# = Consultation with the instructor required

### ADVANCED PLACEMENT COMPUTER SCIENCE A

**Grade Placement: 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.

### ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

**Grade Placement: 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 thinking. 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, Digital Information, Algorithms and Programming, Big Data & Privacy, and Building Apps.

### 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 using App Inventor 2. Students will write their own Android Apps (an Android device is not required for class) that incorporate texting, a phone's location, images, and animation. This hands-on course emphasizes logical thinking and problem-solving skills.

### CTE INTERNSHIP (INFORMATION TECHNOLOGY)

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

This course serves as an integrative experience that is designed to give students the opportunity to expand their knowledge in the IT career pathway. It is a project-based course that incorporates 21st Century Skills including thinking critically and solving challenging problems. This course is an extension of an IT pathway class that a student has already completed or is concurrently in. The student will learn, refine, and apply skills necessary to be successful in IT related careers. Projects that incorporate the broader community and/or some aspect of "giving back" to others outside of school learning experiences are highly encouraged. Enrollment is gained through an application process. Please talk to your counselor for more details.

## ENGLISH DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
AP English 11			X	
AP English 12				X
English 9	X			
English 10		X		
English 11			X	
English 12				X
English 12 – Dual Credit *				X
Honors English 10		X		
<b>ENGLISH ELECTIVES</b>				
Journalism I	X	X	X	X
Literary Magazine		X	X	X
Newspaper - Journalism II#*	X	X	X	X
Reading Strategies	X	X	X	X
Speech		X	X	X
Yearbook - Journalism II*	X	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; AP English 11 may be substituted for English 11; AP English 12 may be substituted for Eng. 12.*

### Turnitin

Students agree that papers in 9<sup>th</sup> – 12<sup>th</sup> 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.*”

### 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 84<sup>th</sup> 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.

## **ADVANCED PLACEMENT ENGLISH 12**

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

*Prerequisite: Successful completion of English 11 is required. It is the students' responsibility to contact the instructor in May of their junior year before school is out for summer assignment.*

Advanced Placement 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 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.

## **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.

## **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—DUAL CREDIT (College Composition I and II)**

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

*Prerequisite: Score of 18 or higher on the English and Reading portions of the ACT. (Students with an Aspire reading score of 422 are on track to score an 18 and are encouraged to enroll.)*

Dual credit English 12 is a college level, two-semester course focused on composition, primarily reading and writing non-fiction first semester and classic and contemporary American literature second semester. Through the course, students earn a high school English credit and are eligible to earn six college credits through Bismarck State College for College Composition I and II.



## **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 21<sup>st</sup> 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 ELECTIVES**

### **JOURNALISM I**

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

Journalism I expose students to all facets of journalism: news writing, opinion writing, photo journalism, photography, interviewing skills, and design (using programs such as Photo shop, Illustrator, and InDesign). Students will leave with a basic understanding of each area of journalism. They will interview sources, write the stories, take the pictures, and design every page from cover to end, ultimately leaving with a final product at the end of the semester.

### **LITERARY MAGAZINE**

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

### **NEWSPAPER - JOURNALISM II**

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

**Freshmen - Semester 2 only**

*Prerequisite: Journalism I*

*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.*

After taking Journalism I, students can sign up for Journalism II to be a part of the HiHerald newsmagazine staff. Here, they will take on a primary job position that showcases their talents as they work as a staff to create a monthly publication. If a student has a passion for photography? Sign up to be a photographer. Design? Become a designer. Writing? Step into the world of reporting. Art? Illustrations are needed. Business? The HiHerald is a student-run newsmagazine that runs on the generosity of businesses advertising, and the efficiency of student talent, leadership, and inspiration. Students who are a part of the HiHerald also have the opportunity to apply for an internship at the Bismarck Tribune.

## **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.

## **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.*

## **YEARBOOK - JOURNALISM II**

**Grade Placement: 9, 10, 11, 12.....1/2 or 1 credit..... 1 semester / or Full year**

*Journalism I is recommended before taking Journalism II-Yearbook, but not required.*

*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.

## FAMILY AND CONSUMER SCIENCES

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

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

# = Consultation with the instructor required

### 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. Students will learn about babies by caring for a simulated "newborn". They find out what makes toddlers tick, preschoolers learn, and learn also about health and safety of children. Students will have hands-on opportunities to work with children in our community. Students will discover the rewards and challenges of being around children, and they will learn how to create the best environment for them."

### CHILD RELATED CAREERS

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

*Prerequisite: 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.**

### 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: Clothing and Textiles I*

*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.

## **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.*

## **CULINARY ARTS I**

**Grade Placement: 10, 11, 12.....1 credit..... 1 Semester Block**

*Prerequisites: Intro. to Foods or students who have previously completed Intro. to Foods or Contemporary Foods*

This class is developed based off the level I ProStart curriculum. ProStart is a career-based curriculum that maximizes classroom instruction by providing real-life experience in teaching students culinary skills in a professional manner. Students gain knowledge in cooking, presentation, management procedures, purchasing, and working in professional culinary simulations.

## **CULINARY ARTS II**

**Grade Placement: 11, 12.....1 credit..... 1 Semester Block**

*Prerequisites: Culinary Arts I*

This class will focus heavily on the management essentials of working in a restaurant environment. In addition to classroom instruction and experiences, these students will have an opportunity to gain management experience working as project director for various culinary events.

Students must be self-directed and have a strong work ethic and sense of budgets and planning. Must have skills in math and time management.

## **HOMES AND INTERIOR DESIGN**

**Grade Placement: 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.

## **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.

## **INTRO. TO FOODS**

**Grade Placement: 9, 10.....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 healthy food choices is a recurring theme throughout the semester. BHS is open to 9<sup>th</sup> and 10<sup>th</sup> graders.

## **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.

## **PERSONAL AND FAMILY LIVING**

**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 is a course every high schooler should take. It explores the many challenges teens may face as they transition into adulthood, including self-discovery, stress management, and the impact of substance abuse and addictions. We examine the diversities of families and ways to cope with family crises. Students will feel much more prepared for future relationships as we explore healthy and unhealthy relationships. Overall, this course will cover many modern life decisions that will help guide students in the right direction for life after high school.

## **WORLD FOODS**

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

**Sophomores may register for Semester 2 only.**

*Prerequisites: Contemporary Foods and/or Intro. to 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.

## **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 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 1/2 credit.

## MATHEMATICS DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Advanced Placement Calculus (AB)*#			X	X
Advanced Placement Calculus (BC)*#				X
Advanced Placement Statistics				X
Algebra I	X	X	X	X
Algebra I – Self Paced*	X	X	X	X
Algebra II*		X	X	X
Algebra Plus			X	X
College Algebra*			X	X
Enriched Algebra II*		X	X	X
Enriched Geometry	X			
Geometry*		X	X	X
Informal Geometry*		X	X	X
Consumer Mathematics *			X	X
Pre-Calculus/Trigonometry*			X	X
Probability & Statistics*			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.*

### 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**.

## Bismarck Public Schools Math Course Offerings

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
<b>Option 1</b>  (This meets the requirements for a 4- year college)	Grade 8 Math	Algebra 1	Geometry or Enriched Geometry	Algebra II or Enriched Algebra II	+Probability & Statistics and/or #College Algebra and/or +Applied Trig or Pre-Calculus w/Trig AP Calc AB	+Probability & Statistics and/or #College Algebra Or Pre-Calculus w/Trig or *AP Calculus (AB or BC )
<b>Option 2</b>	Grade 7 Math	Grade 8 Math	Algebra 1	<input type="checkbox"/> Informal Geometry  or Geometry	<input type="checkbox"/> Algebra Plus Or <input type="checkbox"/> Math for the 21 <sup>st</sup> Century Or Geometry  Algebra II	<input type="checkbox"/> Consumer Mathematics Or <input type="checkbox"/> Math of the 21 <sup>st</sup> Century Or Algebra II  +Probability & Statistics and/or #College Algebra and/or or Pre-Calculus w/Trig
<b>Option 3</b>	Grade 7 Math	Grade 8 Math	Algebra 1	<input type="checkbox"/> Informal Geometry  ~Geometry	Algebra Plus or Geometry  Algebra II	<input type="checkbox"/> Consumer Mathematics Or <input type="checkbox"/> Math of the 21 <sup>st</sup> Century Or Algebra II  #College Algebra and/or +Probability & Statistics Or Pre-Calculus w/Trig

+ Each of these courses last **one semester** and is worth one-half credit. Probability & Statistics can be taken simultaneously with Pre-Calculus w/Trig, College Algebra, or AP Calculus AB or BC.

^ College Credit may be earned by successfully completing this course and passing the AP exam in May.

# College Algebra is available for dual credit.

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.

~ Enrollment in Geometry will be permitted after Algebra I Block by teacher recommendation only.

## **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 equivalent to the first semester of college calculus, which includes 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: AP Calculus AB Consultation with the instructor required prior to registration*

This course is designed for extremely motivated students with a very strong background in mathematics. Students will learn the pre-calculus topics necessary for the study of intermediate calculus, and then move into BC-level calculus. The calculus material covered is equivalent to the second semester of college calculus, which includes advanced integration techniques, sequences and series, polar graphs and parametric functions. The use of a graphing calculator is required. An average of “C” or better in AP Calculus AB is recommended.

## **ADVANCED PLACEMENT STATISTICS**

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

*Prerequisite: Algebra II*

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based 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 experimentations, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

## **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.

## **ALGEBRA I (Self-paced)**

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

*Prerequisite: Registration is based on teacher recommendation and standardized test scores.*

This Algebra I self-paced class is a full-year of Algebra in which students will work from an online classroom (LearnBPS) and videos while in the classroom setting. Students are only selected for this course through teacher recommendations and standardized test scores. The same material will be delivered through LearnBPS and videos as in a regular Algebra I class, but it is designed to have students work at their own pace. Mathematics instructors will be in classroom to assist students as needed. 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.



## **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.

## **ALGEBRA PLUS**

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

*Prerequisite: Algebra I & geometry or informal geometry and teacher recommendation*

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.

## **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.*

## **CONSUMER MATHEMATICS**

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

*Prerequisite: Teacher Recommendation*

Consumer Mathematics is not recommended for students who have the ability to successfully complete Algebra II. This course illustrates a variety of practical applications of mathematics. Topics include, but are not limited to, real-world geometry, statistics, mathematics of finance, and problem solving. Credit earned from Consumer Mathematics can be counted toward math requirements for graduation; however, this course may not fulfill mathematics requirements for admission to a four-year college.

## **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.

## **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.

## **GEOMETRY**

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

*Prerequisite: Algebra I or Algebra I Block*

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.

## **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.

## **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. An average of “B” or better in Algebra II is recommended.

## **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. *Available as dual credit. Must have a minimum ACT score of 21 in math to be eligible for dual credit.*

## MEDICAL CAREERS

Title of Course	Freshman	Soph.	Jr.	Sr.
Medical Careers	X	X	X	X
Advanced Medical Careers-Block *		X	X	X
Capstone – Medical Careers – Block*#			X	X
Certified Nursing Assistant (CNA)-Block *			X	X
Introduction to Nursing				X
Certified Nursing Assistant (CNA)-Block *			X	X
Prevention and Care of Athletic Injuries-Block *			X	X

\* = Course has a prerequisite (check course description) # # = Consultation with instructor required.

### MEDICAL CAREERS

**Grade Placement: 9, 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 careers. Students will study the fundamentals of diseases, basic anatomy and physiology, and medical terminology. Students will become certified in the Healthcare Provider level of CPR/AED for the Professional Rescuer and American HeartSaver First Aid. *Dual credit from Bismarck State College is available (HPER 210)* Students need to be sophomores in order to receive dual credit.

### ADVANCED MEDICAL CAREERS

**BPS Career Academy**

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

*Fees: \$20 plus the cost of flu vaccination, TB test, if pursuing optional job shadows*

*Prerequisite: Must be 16 years of age.*

This course is for students who are interested in exploring a wide range of medical careers. This exploration is done through research, professional guest speakers, college tours, clinical simulation labs and potential job shadows. The curriculum is designed to enhance student employability skills and professional medical career readiness. Job shadows are optional. If job shadowing, up-to-date vaccinations including influenza and possible COVID vaccination (per individual facility policy), a negative TB test and background check must be completed. The student is responsible for necessary vaccinations, testing, and transportation to job shadow and tour sites.

### CAPSTONE-MEDICAL CAREERS

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

*Prerequisites: Students must have obtained two credits in the Medical Careers pathway. Students must apply for the Capstone and be approved by the instructor and the Career Advisor the semester prior to registration.*

Capstone is a course that gives students an opportunity to receive credit for their hands-on experience in the community, their classrooms, and/or their jobs or internships in health care. Students will apply the knowledge and skills they obtained from their Medical Careers courses to real-world experiences. Students will have the opportunity to implement leadership skills through practical applications. Students will develop an individualized learning plan with their Capstone Instructor.

**CERTIFIED NURSING ASSISTANT (CNA)**

**BPS Career Academy**

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

*Fee: \$20 plus cost of necessary vaccinations and TB testing if pursuing optional clinical experiences, state exam fee*

*Prerequisite: Enrolled in or completion of Medical Careers. May be waived per approval of administration.*

This course provides classroom instruction, skills lab practice, and clinical simulation to prepare the student for employment as a Certified Nursing Assistant in a skilled nursing facility, acute care, or home health care setting. Upon successful completion of the course requirements and classroom and skill hours, students are eligible to take the state CNA certification exam through Headmaster. Current, necessary vaccinations and a background check are required per facility policy for OPTIONAL clinical opportunities. The student is responsible for transportation to tours, clinical sites, and the state exam fee. Optional clinical experience hours are scheduled outside of class time. *Dual credit through Bismarck State College (NURS100) is available.*

**INTRODUCTION TO NURSING – DUAL CREDIT ONLY**

**BPS Career Academy**

**Grade Placement: 12 .....1 credit (Block Class) Hybrid Schedule.....Semester 1 or 2**

*Fee: Dual credit costs*

This course is for senior students interested in pursuing their nursing career through the University of Mary. Introduction to Nursing (NUR240) is an introductory prerequisite course for admission to the University of Mary’s nursing program. The course introduces students to professional nursing roles and attributes. Standards of nursing care, therapeutic communication, and quality and safety concerns will be explored.

**PREVENTION AND CARE OF ATHLETIC INJURIES**

**BPS Career Academy**

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

*Fee: \$20*

*Prerequisite: Medical Careers -or- Anatomy/Physiology course is recommended for supportive background knowledge but is not required.*

An introductory course for students interested in the field of Sports Medicine. General principles covered include: prevention, recognition, and immediate care of athletic injuries; rehabilitation of athletic injuries; basic nutrition; HIPAA; hands-on activities - taping and wrapping techniques, goniometry. Classroom learning is enhanced through job shadowing. Job shadow experiences are outside of class time and the student is responsible for transportation to job shadow sites. *Dual credit through the University of Mary (KIN 151 & 238) or Bismarck State College (HPER 207) is available.*

## MISCELLANEOUS ELECTIVES

Title of Course	Fresh.	Soph.	Jr.	Sr.
American Sign Language 1a	X	X	X	X
AVID	X	X	X	X
Exploring the Teaching Profession I		X	X	X
Empower [ED]			X	X
Leadership I & II	X	X	X	X
Peer to Peer Leadership		X	X	X
Peer to Peer Leadership II			X	X
Peer to Peer Leadership III				X

### **AMERICAN SIGN LANGUAGE 1a (ASL 1a)**

This is an introductory course designed for students with little or no previous study of American Sign Language (ASL). The focus is on developing expressive and receptive signing skills, fingerspelling and learning about the culture of the Deaf community. Each unit will cover vocabulary related to a specific theme (friends and family, leisure activities, school or work, etc.) and specific grammar concepts. As students progress through each unit, they will build upon previously learned material and be given opportunities to strengthen their use of their expressive and receptive language skills.

### **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 and utilize AVID to fulfill their own potential. Enrollment in AVID requires an application, interview and contract. Applications are available in Student Services.

### **EXPLORING THE TEACHING PROFESSION I**

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

This course is for students interested in pursuing a career in education. Students will explore the following standards relating to the teaching profession; understanding the profession, learning about students, building content knowledge, engaging in responsive planning, implementing instruction, using assessments and data, and engaging in reflective practice. Students will also observe and work with a cooperating teacher in their chosen area of interest. This clinic experience requires 20 hours of observation and may take place at Bismarck High School, but if the placement is off-campus, students will be responsible for their own transportation.

### **EMPOWER [ED]**

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

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

The Empower [ED] 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.

## **LEADERSHIP I**

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

This course is designed to prepare a new generation of leaders who understand that, even without a position or a title, they can affect change. Instruction will be geared toward enhancing the development of leadership qualities in students that focuses on: attitude, preparation, perseverance, respect, honesty, integrity, courage, appreciation, and composure. In addition, students will practice collaboration, creativity, communication, character development, and critical thinking to strive toward promoting the leadership process in a way that actively engages everyone. As students grow to understand leadership from an individual, group, and community perspective, they will be challenged to apply their knowledge and skills as they commit to integrating these qualities in their everyday lives.

## **LEADERSHIP II**

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

*Prerequisite: Leadership I.*

Students who have taken the pre-requisite and want to further their knowledge and skills in leadership should consider taking this class. Discovering more about growth mindset, students will learn about empathy, gratitude, tolerance, sacrifice, loyalty, responsibility, compassion, leadership, and character, and how these qualities are life-long skills to develop and refine. Guest speakers will also make connections for students in how these qualities transfer into the workforce and everyday life. Students will have the choice to complete an additional service learning action plan of their own design within the semester, or they can continue a larger plan of action that begins in Leadership I and is carried over into Leadership II.

## **PEER TO PEER LEADERSHIP**

**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 experiences of working with a wide variety of students.

## **PEER TO PEER LEADERSHIP III**

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

*Prerequisite: Peer to Peer Leadership I and II*

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 experiences of working with a wide variety of students.

## MUSIC DEPARTMENT

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

### CHAMBER ORCHESTRA

**Grade Placement: 9, 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. Students are strongly encouraged (but not required) to study privately with a professional instructor 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. In addition, members are strongly encouraged to participate in high school orchestra activities including WDA/State music festival, honor orchestras, and audition for ND All-State. Tours are an option and generally occur on an alternating year basis.

### CONCERT BAND

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

This group meets daily. Emphasis is on continued training in technique and musicianship. All instrumentalists are welcome in this group including those entering band for the first time or rejoining band. Performances include concerts, festivals, solo and ensemble festivals as well as special community appearances. Students in this band will be a part of the PEP BAND and the MARCHING BAND. Students in the course will be eligible to participate in band tours which generally occur on an alternating year basis.

### 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.

## **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.

## **FRESHMAN BAND**

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

This group meets daily. Emphasis is on continued training in technique and musicianship. All instrumentalists are welcome in this group including those entering band for the first time or rejoining band. Performances include concerts, festivals, solo and ensemble festivals as well as special community appearances. **Students in this band will be a part of the PEP BAND and the MARCHING BAND.**

## **FRESHMAN CHOIR**

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

Basic fundamentals of singing 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. Genesis Jazz Choir may be an option for some members of Freshman Choir and members are selected by audition.

## **FRESHMAN ORCHESTRA**

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

Freshman Orchestra 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 orchestra. Special emphasis will be placed on scales, technique, intonation, and learning the fundamentals of orchestra playing. This class meets daily and covers a wide variety of musical literature as well as perfecting and learning new technical skills. In addition, members have the opportunity to participate in high school activities including WDA music festivals, ND orchestra festival, honor orchestra, and ND All-State Orchestra.

## **JAZZ CHOIR**

**Grade Placement: 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.

## **JAZZ ENSEMBLE**

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

*An audition with the instructor is required.*

Advanced jazz band literature and the art of improvisation will be pursued. The class is designed for students who have reached a high level of proficiency on their instrument. Students are strongly encouraged (*but not required*) to study privately with a professional instructor on their instrument. Performances include concerts, festivals as well as special community appearances. Students must be enrolled in an instrumental ensemble class (*Freshmen Band, Prep Band, Concert Band or Wind Ensemble*) to be eligible to participate in Jazz Ensemble.



## **MUSIC THEORY FUNDAMENTALS**

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

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.

## **PREP BAND**

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

This group meets daily. Emphasis is on continued training in technique and musicianship. All instrumentalists are welcome in this group including those entering band for the first time or rejoining band. Performances include concerts, festivals, solo and ensemble festivals as well as special community appearances. **Students in this band will be a part of the PEP BAND and the MARCHING BAND.**

## **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 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.

## **WIND ENSEMBLE**

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

*An audition with the instructor is required.*

Advanced band literature will be pursued. The class is designed for students who have reached a high level of proficiency on their instrument. Students are strongly encouraged (*but not required*) to study privately with a professional instructor on their instrument and are also strongly encouraged to audition for the ND All State Band and to participate in regional university honor band opportunities. Performances include concerts, festivals, solo and ensemble festivals as well as special community appearances. Students in this band will be a part of the PEP BAND and the MARCHING BAND. Students in this course will be eligible to participate in band tours which generally occur on an alternating year basis.

## PHYSICAL EDUCATION DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Aquatics			X	X
Fit Male/ Fit Female			X	X
Health Education	X	X	X	X
Individual and Dual Sports			X	X
Introduction to Weight Training			X	X
Lifetime Wellness I#	X	X		
Lifetime Wellness II#			X	X
Physical Education 9	X			
Physical Education 10		X		
Physical Education 11			X	
Physical Education 12				X
Strength and Conditioning				X
<b>PHYSICAL EDUCATION ELECTIVES</b>				
Fit Male/ Fit Female	X	X	X	X
Introduction to Weight Training	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.*

### AQUATICS - Early Bird

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

The Aquatics class consists of the following co-ed activities in a state-of-the-art pool facility: aqua aerobics, aqua games (basketball, volleyball and water polo), aqua jogging, fundamental water skills, stroke instruction, and lap swim. Students are required to wear bathing suits (one piece for girls and shorts or bathing suit with mesh liner for boys). No jewelry is allowed in the pool. This class is held at the Bismarck Aquatic Center. **Students can take this class in place of physical education 11 or 12.**

### 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.

## **INDIVIDUAL AND DUAL SPORTS**

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

Individual and Dual Sports provides students with the knowledge, experience, and opportunity to develop skills in individual and dual sport activities (ex: tennis, golf, badminton, pickleball, table tennis, outdoor recreation activities, fitness activities). In this class, students will improve hand-eye coordination, speed, and agility, as well as other health benefits that will be gained through participation in these activities.

## **LIFETIME WELLNESS I**

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

*Prerequisite: Consultation with the instructor required.*

Lifetime Wellness is a physical education class that has an individualized approach to overall health and wellness. Students will be introduced to different types of fitness/aerobic, weight training and nutrition information. Students will focus will be on building positive self-image and making better lifestyle choices regarding exercise and diet. Advanced techniques will be taught, reinforced and stressed for individual success.

## **LIFETIME WELLNESS II**

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

*Prerequisite: Physical Education 9.*

This course is for all students. It focuses on an individualized approach to overall health and wellness. Students will be introduced to a variety of fitness/aerobic, weight training, wellness and nutrition information to develop and maintain a healthy lifestyle. Students will assess their current fitness level and develop individual workouts they enjoy and lifestyle plans that best suit them. *Dual credit for Bismarck State College is available.*

## **PHYSICAL EDUCATION 9**

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

9th grade Physical Education integrates health and skill-related fitness concepts into the curriculum. Activities include individual dual and team sports, human sexuality, drug and alcohol risk behaviors, and prevention of bullying. It is required that all students wear a regulation Physical Education t-shirt, shorts, sweatpants, socks and athletic shoes. T-shirts can be purchased from the Physical Education department.

## **PHYSICAL EDUCATION 10**

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

10th Grade Physical Education integrates health and skill-related fitness concepts into the curriculum. Activities include individual dual and team sports, nutrition, drug and alcohol behavior risks, mental health, and physical wellness. It is required that all students wear a regulation Physical Education t-shirt, shorts, sweatpants, socks and athletic shoes. T-shirts can be purchased from the Physical Education department.

## **PHYSICAL EDUCATION 11**

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

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**

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.

## **STRENGTH AND CONDITIONING**

**Grade Placement: 12.....1/2 credit**

*Prerequisites: Introduction to weight training (Substitutes for 1/2 credit of 12th grade physical education) Only two (2) credits of Fitness/Aerobics, Weight Training and Strength and Conditioning combined may be applied toward graduation.*

This course is a strength and conditioning class designed for students to build upon specific lifts developed by the Bismarck Public Schools Physical Education Instructors. Advanced techniques will be taught, reinforced, and stressed for each lift. An individual program will be followed for each student and progress will be documented. Strength training techniques, nutrition, video analysis, and testing will be used for optimal training outcomes. Speed and Agility will also be addressed. Pre/Post Test assessments and charts documenting individual progress will be used to evaluate student's performance in the course. Instructors have the ability to bring in portions of curriculum from other courses that would be specifically addressed to each student.

## **PHYSICAL EDUCATION ELECTIVES**

### **FIT FEMALE**

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

This course will emphasize strength training techniques, nutrition, body image work, and 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**

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.

### **INTRODUCTION TO WEIGHT TRAINING**

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

*Only two (2) credits of Fitness/Aerobics & Weight Training combined may be applied toward graduation.*

In this course, the students will gain a basic knowledge of weightlifting. This will include using proper techniques, use of a spotter and other safety measures. In addition, students will be able to develop their own individualized weightlifting program. They will learn how to monitor, evaluate and modify their program as needed. All students should see significant strength gains. Students will need proper clothing, socks and athletic shoes.

## SCIENCE DEPARTMENT

Title of Course	Fresh.	Soph.	Jr.	Sr.
Advanced Placement Biology*#		X	X	X
Advanced Placement Chemistry*#			X	X
Advanced Placement Environmental Science			X	X
Advanced Placement Physics 1*#			X	X
Advanced Placement Physics 2*#		X	X	X
Anatomy/Physiology*		X	X	X
Biology		X	X	X
Chemistry*		X	X	X
Conceptual Physics*		X	X	X
Ecology*		X	X	X
Geoscience*		X	X	X
Integrated Science*		X	X	X
Physical Science	X			
Science Lab Technician I			X	X
Science Lab Technician II			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 or AP physics I and chemistry, and biology or AP biology. The following courses will fulfill those requirements.*

<u>PLAN</u>	<u>FRESHMAN</u>	<u>SOPHMORE YEAR</u>	<u>JUNIOR YEAR</u>	<u>SENIOR YEAR</u>
H.S. Diploma or 2-year program	PHYSICAL SCIENCE	BIOLOGY or BOTANY/HORT (full year)	<u>CHOOSE 1 or 2 EACH YEAR (1 sem. each)</u> AP ENVIRONMENTAL SCIENCE or 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 (If completed physical science and chemistry)	AP ENVIRO. SCI or CHEMISTRY or CONCEPTUAL PHYSICS + ECOLOGY, GEO or INTEGRATED SCIENCE	AP PHYSICS 1 or AP ENVIRO. SCI or CONCEPTUAL PHYSICS + ECOLOGY, GEO or INTEGRATED SCIENCE
4-Yr. College WITH science emphasis	PHYSICAL SCIENCE	AP BIOLOGY or CHEMISTRY (Take Chemistry or Biology in the summer to get ahead)	CHEMISTRY, AP-PHYSICS 1, ANATOMY, or GEO + ECOLOGY or AP ENVIRO. SCI	AP PHYSICS 1 and/or 2 AP CHEM or AP BIO, or AP ENVIRONMENTAL SCI or ANATOMY, CHEM, GEO + ECOLOGY
4-Yr. College WITH science emphasis & AP COURSES	PHYSICAL SCIENCE or AP PHYSICS I or CHEMISTRY	AP BIOLOGY and CHEMISTRY (Pair with Summer School or take both during the year)	<u>CHOOSE TWO EACH YEAR</u> AP PHYSICS 1      AP CHEMISTRY ANATOMY          AP PHYSICS 2 AP BIOLOGY	

## **ADVANCED PLACEMENT BIOLOGY**

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

*Prerequisite: Completion of Physical Science, 1 year of Biology and Chemistry or currently enrolled in Chemistry. Students without the prerequisites required should be considered on track to be "college ready" per Sate assessment scores and consultation with the instructor is required prior to registration.*

AP Biology is a yearlong laboratory course which is an accelerated college level course designed for highly motivated students who are considering a college science major at the post-secondary level. This course includes an emphasis on the cell/ molecular biology. Topics covered include the cell, cellular reproductive, genetics, energy in the biosphere, microbiology, ecological relationships. There is a variety of lab work. The national AP exam will be administered in May, to prepare for this a mock exam may be given in the spring. *This course has the option for students in grades 10-12 to earn dual credit.* 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.

## **ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

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

*Prerequisite: General Biology or AP Biology. Chemistry highly suggested.  
Consultation with the instructor required prior to registration.*

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. AP Environmental Science will usually be taken in the junior or senior year.

## **ADVANCED PLACEMENT PHYSICS 1**

**Grade Placement: 10, 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 have the option of taking the AP exam.

## **ADVANCED PLACEMENT PHYSICS 2**

**Grade Placement: 10, 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. *This course has the option for students to earn dual credit through Dickinson State University during the 2nd semester after successful completion of the first semester (BHS only).*

## **ANATOMY AND PHYSIOLOGY**

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

*Prerequisite: Biology*

The Anatomy and Physiology course will provide a detailed study of the structures of the human body. Course content will include the major functional systems (nervous, digestive, circulatory, etc.) as well as concentration on function, location, and physiology. The physiology of the regulation and control of bodily functions will be of major importance. Preserved, latex injected lab specimens of cats will be used for dissections. This course is 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. *Dual credit is available through Bismarck State College.*

## **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.

## **CHEMISTRY**

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

*Prerequisite: Students must have successfully completed 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.

## **CONCEPTUAL PHYSICS**

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

*Prerequisite: Must have successfully completed Algebra I*

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.

## **ECOLOGY**

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

*Prerequisite: Physical Science and 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.

## **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.

## **INTEGRATED SCIENCE**

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

This course is a practical hands-on course that introduces 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.

## **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.

## **SCIENCE LAB TECHNICIAN I**

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

*Prerequisite: Chemistry, Biology, Physics; teacher approval and application required.*

In this course, the student will assist the science teacher in the preparation and disposal of materials for laboratory exercises. The student must be able to prepare solutions as described by the instructor. The lab tech will also assist the teacher in the lab. An independent project is required. **This elective cannot be substituted for any science credit or count towards the minimum number of credits taken.**

## **SCIENCE LAB TECHNICIAN II**

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

*Prerequisite: Chemistry, Biology, Physics; teacher approval and application required. Science Lab Technician I.*

In this course, the student will assist the science teacher in the preparation and disposal of materials for laboratory exercises. The student must be able to prepare solutions as described by the instructor. The lab tech will also assist the teacher in the lab. **This elective cannot be substituted for any science class.**



## SOCIAL STUDIES DEPARTMENT

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

*12th grade: A semester of Government AND / OR Dual Credit American Government AND a semester of Economics*

### 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. *Dual credit available.*

## **DUAL CREDIT AMERICAN GOVERNMENT**

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

*Consultation with instructor required prior to registration.*

This course is investigation into the workings of American Government that covers five major themes, or units of government policy, theory, foundations, and behaviors. We will be analyzing the everyday practices that make up our government and help shape public policy. Course units include; Foundations of Democracy, Interactions among the three branches, Civil Liberties and Civil Rights, Political Ideologies, and Political Participation. This course meets the requirement for high school government and is worth ½ credit toward high school graduation. This semester course is eligible for 3 college credits through BSC, upon completion of all course expectations.

## **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.

## **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 world. 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.

## **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.

## **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 21<sup>st</sup> Century.

## SOCIAL STUDIES ELECTIVES

### 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).

### NATIVE AMERICAN CULTURE STUDIES

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

This course is a general overview of the Native American tribes throughout the US with emphasis of the tribal nations of North Dakota (Lakota/Dakota, Hidatsa, Mandan, Arikara, and Ojibwa). It will also include descriptions of the tribal governments of ND and their structure, contemporary issues facing Native Americans, and the exploration of ND tribal cultural values and language preservation. Additionally, there will be an emphasis on the Native American languages of ND and their corresponding literature, encompassing oral history and pictorial history of North Dakota's Native American tribes. Students will gain a rudimentary knowledge of the linguistic components of ND tribal languages and their linguistic origins.

### 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.

### PSYCHOLOGY

**Grade Placement:** 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.

### SOCIOLOGY

**Grade Placement:** 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 social environment(s). Demonstrating the relevancy of sociology to every student will be stressed with emphasis placed on culture, family, social groups/class, gender identity, social problems, religion, and the process of change in society. This course provides a foundation of vocabulary, concepts, and theories that will enable students to investigate evaluate and understand the social world in which we live. *Dual credit from Bismarck State College is available.*

**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.

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

**Grade Placement: 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 African 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: 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, American Civilizations, 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.

## **WORLD LANGUAGE DEPARTMENT 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. 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). The upper-level classes (III/IV) in each discipline could be combined depending on enrollment.*

### **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 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 as students continue to practice using the language in authentic ways. Oral communication is emphasized while students work toward mastery of grammar, demonstrating a basic understanding of sentence structure, as well as base-level communication skills in Spanish; they will have acquired basic vocabulary and will have gained knowledge and understanding of aspects of Hispanic culture, all at degrees of accomplishment appropriate to the first-year level of study undertaken at the college level. Students will address the value of foreign language study as a part of the study of the humanities and develop an appreciation for the values of Hispanics as they are reflected in Hispanic culture. They will come to recognize and appreciate the Hispanic contribution to the cultural diversity of the USA and the world.

Spanish Dual Credit Offering is 3 credits for semester 1 (Spanish 101) and 3 credits for semester 2 (Spanish 102.)

*Only Spanish IV has dual credit from Bismarck State College available.*

## **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 words.



## Index of Courses

- Accounting I ...19
- Accounting II...19
- Advanced Medical Careers...34
- Advanced Placement Biology...45
- Advanced Placement Calculus AB level...31
- Advanced Placement Calculus BC level...31
- Advanced Placement Chemistry...45
- Advanced Placement Computer Science A...21
- Advanced Placement Computer Sci Principles...21
- Advanced Placement English 11...22
- Advanced Placement English 12...23
- Advanced Placement Environmental Science...45
- Advanced Placement U.S. History...49
- Advanced Placement Physics 1...45
- Advanced Placement Physics 2...45
- Advanced Placement Psychology...50
- Advanced Placement Statistics ... 31
- Advanced Placement Studio Art ...15
- Advanced Theatre Arts...15
- Algebra I...31
- Algebra I—Self Paced...31
- Algebra II...32
- Algebra Plus ...32
- Anatomy & Physiology...46
- Aquatics...41
- Art I...16
- Arts & Crafts...16
- AVID...36
- Band, Concert...38
- Band, Freshman...39
- Band, Jazz Ensemble...39
- Band, Prep...40
- Band, Wind Ensemble...40
- Biology...46
- Capstone Medical Careers...34
- Ceramics & Sculpture I...16
- Ceramics & Sculpture II...16
- Ceramics & Sculpture III...16
- Certified Nursing Assistant...35
- Chemistry...46
- Child Development...26
- Child Related Careers...26
- Choir, Concert...38
- Choir, Freshman ...39
- Choir, Prep...40
- Choir, Jazz...39
- Clothing & Textile I...26
- Clothing & Textile II...27
- College Algebra...32
- Computer Programming I...21
- Conceptual Physics...46
- Consumer Mathematics...32
- Contemporary Foods...27
- Criminal Law...50
- CTE Internship – Business...20
- CTE Internship – Information Technology...21
- Culinary Arts I & II...27
- Drawing & Painting I...17
- Drawing & Painting II...17
- Drawing & Painting III...17
- Dual Credit American Government...48
- Ecology...46
- Economics...49
- Empower [ED] ... 36
- English 9...23
- English 10...23
- English 11...23
- English 12...23
- English 12—Dual Credit...23
- Enriched Algebra II...32
- Enriched Geometry...32
- Exploring the Teaching Profession...36
- Fit Female...43
- Fit Male...43
- French I...52
- French II...52
- French III...52
- French IV...53
- Geometry...33
- Geoscience...46
- German I...52
- German II...52
- German III...52
- German IV...53
- Global Studies...49
- Government...49
- Health Education...41
- Honors English 10...24
- Homes and Interior Design...27
- Independent Living...27
- Individual and Dual Sports...42
- Informal Geometry...33
- Integrated Science...47
- Internship—FACS...28
- Intro. to Foods...28
- Into to Nursing...35
- Intro to Tech Theatre...17
- Journalism I...24
- Journalism II—Newspaper...24
- Journalism II—Yearbook...25
- Latin I...53
- Latin II...53



## Index of Courses

Latin III...53	World Foods...28
Latin IV...53	World History I...51
Leadership I...37	World History II...51
Leadership II...37	
Lifetime Wellness I...42	
Lifetime Wellness II...42	
Literary Magazine...24	
Marketing I...19	
Marketing II...19	
Medical Careers...34	
Music Theory and Fundamentals...40	
Native American Culture Studies...50	
North Dakota History...50	
Orchestra, Chamber...38	
Orchestra, Concert...39	
Orchestra, Freshman...39	
Parenting...28	
Peer to Peer Leadership...37	
Personal & Family Living...28	
Personal Finance...20	
Photography & Advertising Art I...17	
Photography & Advertising Art II...18	
Physical Education 9...42	
Physical Education 10...42	
Physical Education 11...42	
Physical Education 12...43	
Physical Science...47	
Pre-Calculus with Trigonometry...33	
Prevention & Care of Athletic Injuries...35	
Probability and Statistics...33	
Psychology...50	
Reading Strategies...25	
School Based Enterprise...20	
Science Lab Technician I...47	
Science Lab Technician II...47	
Sign Language...36	
Sociology...50	
Spanish I...52	
Spanish II...52	
Spanish III...52	
Spanish IV...53	
Speech...25	
Sports and Entertainment Marketing...20	
Strength & Conditioning...43	
TV & Cinema Production I...18	
TV & Cinema Production II...18	
U.S. History 1763-1880...50	
U.S. History 1914 – 1945...49	
U.S. History 1945-Present...49	
Web Page Design...20	
Weight Training, Intro to...43	

