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# Registration Information

Minot Public Schools, recognizing the need for a strong academic orientation to better prepare students for employment, further education and active citizenship, recommends that parents, educators and students accept responsibility for the individual education of students. The school will continue to review curriculum and instructional strategies to provide an articulated and well organized program of studies. Students learn best when excellence is expected of them and when they are encouraged to achieve it. The educational staff will help to build a climate of encouragement and expectation that will motivate students to persist in a strong program of preparation for life. Early planning for each student's academic program will be a part of this effort to achieve the best possible program for each student.

## Note to Parents

With increased graduation requirements and scholarship opportunities, it is critical that parents/guardians take an active role in student's course selection.

## High School Graduation Requirements

Twenty-two credits are required for graduation, as set by the North Dakota Department of Public Instruction and Minot Public School District No. 1. Students must pass the Civics Exam.

All graduating seniors must be in attendance for their final semester at Minot High School/Minot North High School (MHS/MNHS). Students are responsible for checking their credits with the counseling staff to make sure that they meet all graduation requirements.

## MHS/MNHS Department Requirements

Each department at MHS/MNHS has minimum graduation requirements set forth by the local school board. They are as follows:

**Mathematics:** 3 credits must be earned.

**Social Studies:** 3 credits must be earned.

• 1 credit of World History • 1 credit of U.S. History • 1/2 credit of American Government • 1/2 credit of Economics

**Science:** 3 credits must be earned.

• 1 credit Physical Science • 1 credit Biology • 1 credit electives.

All students in grades 9 and 10 must enroll in Physical Science and Biology or Advanced Biology.

**Physical Education:** 2 credits must be earned.

All 9th grade students must be enrolled in Personal Health and Safety and either Grade 9 PE or Dimensions of Wellness. In addition, one elective credit must be earned.

**Language Arts:** 4 credits must be earned.

• 1 credit of Grade 9 Language Arts • 1 credit of Grade 10 Language Arts • 1 credit of Grade 11 Language Arts • 1/2 credit of oral communication • 1/2 credit of elective.

Each student must register for a minimum of 1 language arts course per semester.

**World Language, Fine Arts (e.g., Art, Music), or Career and Technical Education:**


A total of 3 credits must be earned from any of these subject areas.

## **North Dakota University System Entrance Requirements**

All students who plan to attend a four-year school in the North Dakota University System must have the following 13 credits: four credits of English; three credits of mathematics, Algebra I and above; three credits of laboratory science; and three credits of social studies. For ND Research Institutions (NDSU and UND), 15 core classes are required.

Registration information is available online at [act.org](http://act.org) and [collegeboard.org](http://collegeboard.org).

## **College Athletic Eligibility (NCAA/NAIA)**

 The NCAA has approved courses for use in establishing the initial-eligibility certification status of student-athletes for MHS/MNHS. Check page 70 for the list of approved core courses. NAIA now has eligibility requirements. Please check with your counselor for these requirements or check the following websites: NCAA website is [www.ncaa.org](http://www.ncaa.org) and the NAIA website is [www.playnaia.org](http://www.playnaia.org)

## **High School Four-Year Plan**

With the passage of North Dakota Senate Bill 2150 section 16, every high school student may request an individual consultation with a school counselor to review the student's four-year education plan. Students may request this consultative review at least once during each high school grade. Refer to page 79.

## **North Dakota Scholarship**

The North Dakota Scholarship was created by Senate Bill 2289, which was passed by the 67<sup>th</sup> Legislative Assembly and Signed by Governor Doug Burgum in 2021. The North Dakota Scholarship will gradually replace the current Academic and Career and Technical Education (CTE) Scholarships. The North Dakota Academic and CTE Scholarships will be completely retired following the 2023–2024 school year.

The North Dakota Scholarship aligns to the requirements of North Dakota's strategic vision of graduating students Choice Ready. The requirements are written to ensure that every student who earns the scholarship will also graduate Choice Ready. However, not every student who is Choice Ready will qualify for the scholarship, as the scholarship requirements are more rigorous than the Choice Ready requirements.

The North Dakota Scholarship is payable at a rate of \$750 per semester, up to a maximum of \$6000, and must be used within six years of the student graduating from high school. The student must be a North Dakota resident at the time that he/she graduates from high school to be eligible for the North Dakota Scholarship.

If you plan on applying for the North Dakota scholarship, please keep these requirements in mind as you register for classes and visit with your counselor. Refer to pages 71 & 72

## **ND Scholarship Framework**

VISIT: [www.nd.gov/dpi/north-dakota-scholarship](http://www.nd.gov/dpi/north-dakota-scholarship)

## Dual Credit/AP Courses



There are Advanced Placement (AP) classes for which students can earn college credit by taking and passing an AP exam. Cost for the exam is the student's responsibility. Dual Credit classes earn both a high school and a college credit upon successful completion of the course. Students must pay the required tuition for the credits. Students must apply to the ND University System institution for admission. Applications are available in the counseling office. Students taking dual credit courses through Minot State University must meet the university's enrollment criteria which includes a cumulative GPA of 3.0. For math courses, students must score 21 or higher on the math component of the ACT to take College Algebra or Elementary Statistics and a 25 or higher on the math component to take Pre-Calculus. For College Composition, students must earn an ACT score of 18 on the English test or have a qualifying ACCUPLACER test score.

## Semester Credit Schedule

Students are required to enroll for the minimum designated number of credits each semester as follows:

Freshman: 7 credits

Sophomore: 7 credits

Junior: 6.5 credits

Senior: 5.5 credits

## Prerequisites

There are some courses which must be taken in a proper sequence. Students may be required to take a certain course before they are eligible to enroll in another course. This is called a prerequisite and all courses which have a prerequisite will have a notation (**Prerequisite**) to that effect in the course description.

## Pass/Fail

Students may take one credit elective course pass/fail each year at MHS/MNHS. These courses must be designated at fall registration time and must be approved by the student's counselor and parents. Students may elect to change from pass/fail to a letter grade at any time during the first six weeks of the course. In order to receive credit in a pass/fail course, students must earn a "C" or better. A pass/fail course is not computed into the grade point average, although credit is awarded for all courses passed. Advanced Placement courses cannot be taken pass/fail. A course taken pass/fail does not meet application requirements for the North Dakota Scholarship.

## GPA

MHS/MNHS computes semester (GPA) and a cumulative GPA. The cumulative GPA includes all final grades earned in course work taken from the freshman through the senior year, including summer school and transfer grades from other high schools. The cumulative GPA is one factor colleges may use for admission criteria.

## Reminders

- Before selecting a course, check the description to be sure it fits your needs, interests and abilities, and that you have completed any necessary prerequisite course work.
- Plan ahead, not just one semester, but for the entire year, or better yet, for your entire high school career.
- Select courses for their usefulness and value to your future plans. Registering for a course for "easy credit" or because a friend is taking it is not a valid reason for the choice.

- At the end of your freshman year, you should have earned a minimum of 6 credits.  
At the end of your sophomore year, you should have earned a minimum of 12 credits.  
At the end of your junior year, you should have earned a minimum of 18 credits.  
At the end of your senior year, you must have earned a minimum of 22.

### **Schedule Changes**

Schedule changes requested after the final registration will be denied except in extenuating circumstances since classes are formed, schedules created and staff hired and assigned on the basis of your registration. Select your classes with care.

### **Insufficient Enrollment**

Classes with enrollments of insufficient size will be dropped and students will be asked to make different selections. The class enrollments will be reviewed by the school board following the initial registration.

### **Nondiscrimination**

The Minot Public School District No. 1 does not discriminate on the basis of race, color, national origin, sex, handicap/disability or age in admission or access to its educational programs and/or activities which it operates and offers to its students and extends to employment policies and/or practices of its personnel which it employs.

# MINOT PUBLIC SCHOOLS CHOICE READY MAP

## CAREER AWARENESS - Learning ABOUT a wide variety of careers

### STRUCTURED LEARNING

- ⇒ Career Awareness Lessons
- ⇒ Career Research
- ⇒ Guest Speakers
- ⇒ PAWS in Jobland
- ⇒ Career Aptitude and Interest Assessments
- ⇒ Themed Hands-on Career Days

### ENRICHMENT: COMMUNITY PARTNERS

- ⇒ Minot Area Chamber of Commerce Junior Achievement
- ⇒ Minot Area Discovery Center/STEAM
- ⇒ Marketplace for Kids
- ⇒ ACE/PACE Aviation Camps
- ⇒ Minot Area Career Expo
- ⇒ T4 Events
- ⇒ College Visits
- ⇒ College Fair
- ⇒ Non-Traditional Career Events
- ⇒ Networking Events
- ⇒ Adult Interactions

### WORK-BASED LEARNING

- ⇒ Workplace Tours
- ⇒ Career Mentoring

## CAREER EXPLORATION - Learning ABOUT work and exploring and planning for career

### STRUCTURED LEARNING

- ⇒ Career Exploration Lessons
- ⇒ Career Guidance and Planning
- ⇒ Career-Related Projects
- ⇒ Career Classes and Student Organizations
- ⇒ Industry Research
- ⇒ Integrated Curriculum
- ⇒ ACT Workshop

### ENRICHMENT: COMMUNITY PARTNERS

- ⇒ Magi United Community Service Day
- ⇒ Mock Interviews
- ⇒ Out-of-School Time Activities

### WORK-BASED LEARNING

- ⇒ Informational Interviews
- ⇒ Job Shadowing

## CAREER PREPARATION - Learning THROUGH work

### STRUCTURED LEARNING

- ⇒ Career & Technical Education Classes
- ⇒ Pre-Apprenticeship
- ⇒ Career Coaching and Planning
- ⇒ Technical/Occupational Skills Training
- ⇒ Work-Readiness Activities
- ⇒ Career Ready Practices
- ⇒ Post-Secondary Career Lessons
- ⇒ Career Preparation Workshop

### STRUCTURED LEARNING

- ⇒ College Application Day
- ⇒ Financial Aid Night

### ENRICHMENT: COMMUNITY PARTNERS

- ⇒ Volunteering
- ⇒ Student Organization Competitions
- ⇒ Work-Ready Certification
- ⇒ Industry Certifications
- ⇒ Trades & Industry Boot Camps

### WORK-BASED LEARNING

- ⇒ Simulated Workplace Challenges
- ⇒ Summer Internships
- ⇒ Senior Internships
- ⇒ Cooperative Work-Experience
- ⇒ On-The-Job Training
- ⇒ Apprenticeships

All MHS students have an account through the career planning website RU Ready ND. This website offers career interest inventories to help students identify careers that match with their skills and interests, information on thousands of careers, academic planning tools, financial aid resources, ACT Prep, work-based learning, and much more.

**Take advantage of this free tool!**

Contact: Mrs. Kellie Meyer  
Career Counselor  
701-857-4585



**RUReady**.ND.gov  
EDUCATION & CAREER PLANNING

Visit: [www.ruready.nd.gov](http://www.ruready.nd.gov)

Account Name:  
nd.lastname.firstname.birthdate  
(mmddyyyy)

Ex. nd.doe.john.03072001

Password: Lunch Number  
\*If this is your first time logging in, your password will be your birthday (mmddyyyy)

## Weighted Grades

Students graduating from MHS/MNHS will have both a regular GPA and weighted GPA on their academic transcripts. "Weighting" a grade adds to the grade point value earned in certain courses. The grades earned in weighted classes will earn an extra grade point.

A	=	4.0	A	=	5.0
B	=	3.0	B	=	4.0
C	=	2.0	C	=	3.0
D	=	1.0	D	=	2.0

Advanced Placement (AP) courses will be weighted. A regular GPA and a weighted GPA will be calculated for each student enrolled in these courses. The example below includes three courses that would be weighted and the difference in a traditional GPA and a weighted GPA.

Report Card with Regular GPA					Report Card with Weighted GPA				
Course	Grade	Grade Points	Credits	Total Points	Course	Grade	Grade Points	Credits	Total Points
English	B	3	1	3	English	B	3	1	3
German II	A	4	1	4	German II	A	4	1	4
Physical Ed	B	3	0.5	1.5	Physical Ed	B	3	0.5	1.5
Advanced Geometry	A	4	1	4	Advanced Geometry	A	4	1	4
AP World History	B	3	1	3	AP World History	B	3	1	4
Advanced Biology	B	3	1	3	Advanced Biology	B	3	1	3
Concert Band	A	4	1	4	Concert Band	A	4	1	4
Totals			6.5	22.5	Totals			6.5	23.5
Regular GPA ===== 22.5 divided by 6.5 = 3.46					Weighted GPA ===== 23.5 divided by 6.5 = 3.61				

## ACT and SAT Prep

Methodize's **FREE** ACT and SAT prep software has strategies to complete each test subject area, 100's of practice questions and solution videos, and 5 full-length practice tests.

To access METHODIZE visit: [ruready.nd.gov](http://ruready.nd.gov)

Account name: nd.lastname.firstname.mmddyyyy (birthday)

ex: nd.doe.john.07092001

Password: Your lunch number

– If this is your first login, try your birthday (mmddyyyy)

\* Contact Mrs. Kellie Meyer, career counselor, for a password reset if these two options do not work.



SAT and ACT Differences		
Category	ACT	SAT
Fee	\$60 or \$85	\$55
Testing Time	2 hours 55 minutes	3 hours
Components	English, Math, Reading, Science; Writing (optional)	Writing and Language, Reading, Math
Important Features	Academic Achievement	Reasoning Skills
Score Reporting	1–36 • No guessing penalty	400–1600 • No guessing penalty



# Work Based Learning Experience

*Work Based Learning offers students an opportunity to gain valuable knowledge, skills and hands on experience in the workplace that can be applied directly to their future career. In addition to the senior internship and cooperative work experiences listed below, all students in grades 9–12 are able to complete one half-day job shadow in both the fall and spring semesters. Job shadows are a key part of the career exploration process that students engage in through both classroom and enhancement activities focused on ensuring choice ready graduates. Applications are available in the counseling office.*

## **1753 Senior Internship**

**1/2 Credit Per Semester**

**Open to Grade 12**

Internships are one of the most important ways to gain experience and make contacts within a prospective career field. Students benefit from seeing real-life applications of the academic, technical, intellectual and personal skills that are being taught in high school. It is highly recommended the internship be preceded by classroom instruction, career exploration and a job shadow related to the work experience. Students will develop an internship portfolio, attend regular seminars, complete reflections, and develop a learning plan consistent with the student's related classroom instruction and occupational goals. **Students must make their own transportation arrangements to the internship site. Internship Application Required.**

**\* Summer Internships are available for incoming juniors and seniors. Contact your counselor for more information.**

## **Cooperative Work Experience**

**1/2 Credit Per Semester**

**Open to Grades 11, 12**

Students employed in a job during the school year may receive high school credit through the Cooperative Work Experience program. The employment must be preceded by, or concurrent with, classroom instruction related to the work experience. A specific training plan will be developed with the employer for each student consistent with the student's related classroom instruction and occupational goals. On-site visits will take place during the student's placement.

**In addition to the cooperative work experience, students must be enrolled in 6 1/2 credits (junior year) or 5 1/2 credits (senior year).**

- 0116 CWE in Agriculture Education
- 0320 CWE in Business Education
- 0813 CWE in Family and Consumer Sciences
- 1752 CWE in Health Sciences
- 1735 CWE in Information Technology
- 0323 CWE in Marketing Education
- 1731 CWE in Technology and Engineering Education
- 1751 CWE in Trades and Industry Education



# Small Business Management Certificate of Completion

*To be successful in Small Business Management, students must know the ins and outs of running a small business regardless of the company's name. Minot Public School Students can obtain a post-secondary Small Business Management Certificate of Completion prior to graduating from high school.*



By dual crediting \* the following four MHS/MNHS Classes, a post-secondary certificate of completion will

be issued from Dakota College of Bottineau:

- 0317 Entrepreneurship
- 0330 Business Finance
- 0321 Marketing I (dual credit awarded 2nd semester only)
- 0322 Marketing II (dual credit awarded 2nd semester only)

Completing all four courses prepares you to run your own business or manage one for an employer whether it be a retail store, flower shop, veterinary clinic, auto repair shop, and more.

**\* The Bank of North Dakota provides financial assistance to fund dual credit coursework for those in need.**

# Air Force JROTC

The Air Force Junior Reserve Officer Training Corps (AFJROTC), provides cadets with leadership training using the military model. Cadets participate in leadership lab classes where military drill and ceremonies, personal communication, problem solving and physical fitness are introduced in the curriculum. A series of Air Force style uniforms are issued to the students at no cost. Students must maintain the uniform and wear it on a designated day each week. Elective credit is awarded for all classes, and classes are open to students in grades 9–12. All cadets earn benefits by completing the various courses. These include entering any military service at a higher rank, the opportunity to earn a private pilot license scholarship, and a full ride Air Force ROTC scholarship at any University with an Air Force ROTC program which includes a \$10,000 stipend. AFJROTC classes 100, 200, and 300 are rotated on a three year schedule. 400 is offered every year.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0011	AF JROTC 100	1	X	X	X	X
0012	AF JROTC 200	1	X	X	X	X
0013	AF JROTC 300	1	X	X	X	X
0014	AF JROTC 400 *	1				X
0015	AF JROTC Cadet Leadership Course §	1/2	X	X	X	X
* = Course has a prerequisite (check course description)						
§ = Summer Only						

## 0011 AFJROTC 100

**1 Credit**

### Milestones in Aviation History/Traditions, Wellness, and Foundations of Citizenship

Open to Grades 9, 10, 11, 12

First and second year cadets are combined into a single class and taught the same curriculum. The curriculum will be rotated yearly so no cadet is taught the same curriculum two years in a row. AFJROTC 100 is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. Leadership Education 100, taught with AFJROTC 100, introduces cadets to the AFJROTC program providing a basis for progression through the rest of the AFJROTC courses while instilling elements of good citizenship. Additionally, this course provides an in-depth introduction to drill and ceremonies. Second year cadets will use this opportunity to train the first year cadets and develop leadership skills.

## 0012 AFJROTC 200

**1 Credit**

### Science of Flight/Communication Skills Training and Leadership

Open to Grade 9, 10, 11, 12

First and second year cadets are combined into a single class and taught the same curriculum. The curriculum will be rotated yearly so no cadet is taught the same curriculum two years in a row. AFJROTC 200 is scientifically based and designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. The course begins with a discussion of the atmosphere and weather. Discussions include the forces of lift, drag, thrust, and weight. Students also learn basic navigation including map reading, course plotting, and the effects of wind. The portion on the Human Requirements of Flight is a survey course on human physiology. Discussed here are the human circulatory system, the effects of acceleration and deceleration, and protective equipment. Leadership Education 200, taught with AFJROTC 200, stresses communication skills and cadet corps activities. Additionally, this course provides an in-depth introduction to drill and ceremonies for first year cadets. Second year cadets will use this opportunity to train the first year cadets and develop leadership skills.

### **0013 AFJROTC 300**

**1 Credit**

#### **Exploring Space/Life Skills and Career Opportunities**

**Open to Grades 9, 10, 11, 12**

This is the third year in the series of four. Exploring Space examines our Earth, the Moon and the planets, the latest advances in space technology, and continuing challenges of space and manned space flight. Issues that are critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, space probes, guidance and control systems are explained. The Leadership Education 300: Life Skills and Career Opportunities, taught with AFJROTC300, will be helpful to students deciding which path to take after high school. Information on how to apply for admission to college or go to a vocational or technical school is included. Information on how to begin the job search is available to students who decide not to go to college or vocational school. Financial planning concepts on how to save, invest, and spend money wisely will also be covered.

### **0014 AFJROTC 400**

**1 Credit**

#### **Management of the Cadet Corps/Fundamentals of Management**

**Open to Grade 12**

This is the last of the AFJROTC courses. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal interaction, managerial, and organizational skills. Fundamentals of Management, Leadership Education 400, is an introduction to basic management concepts and skills. The course contains many leadership topics that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. Cadets will be expected to spend time outside of class participating in and managing the JROTC activities. Cadets in this class will be the leaders of JROTC and high standards are expected in grades, uniform wear, participation, and community service. **(Prerequisite: Student must have completed two years of any JROTC (Army, Navy, or Marine Corps) course during the previous three years of high school.)**

### **0015 AFJROTC Cadet Leadership Course (Summer only)**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This is a live-in encampment. Students will be provided living and dining accommodations. The AFJROTC instructors will provide supervision of cadets during their tenure at the camp. Cadets will receive instruction covering portions of the academic classes they receive during the normal school year. In addition classes on self-improvement, standards and expectations, general health, welfare and hygiene are taught. Cadets learn the heritage; organization and traditions of AFJROTC, proper flag etiquette, drill and ceremonies, map reading and GPS aided land navigation techniques. Cadets will demonstrate proficiency through skills/confidence challenges, leadership reaction problems and a community service project. Physical fitness is a daily activity for the cadets and a critical part of the whole person concept. This class may be repeated for intermediate and advanced levels.

# Agriculture Education

Agriculture impacts every aspect of your life; from the food you eat to the clothes you wear, all things are rooted in agriculture. Enrolling in agriculture education courses provides you the opportunity to find your personal connection to agriculture and connect general education concepts to real life scenarios through project-based labs and activities. Through hands-on learning opportunities, students in agriculture education courses complete multiple projects in animal science, plant science, natural resources, technology, mechanics, woodworking and metalworking.

The agriculture industry is the number one industry in North Dakota and agriculture related jobs employ over 20% of the United States' workforce. Leadership and career-ready skills needed for these high demand jobs are developed and enhanced through participation in agriculture education courses and FFA. FFA is a national youth organization that promotes premiere leadership, citizenship and career success.

**All agriculture education students are encouraged and welcome to become an active FFA member. Whether you live in the city or on the farm, the career and leadership skills developed in agricultural education activities will be positively utilized in your future career.**

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0100	Intro to Agriculture	1/2	X	X	X	X
0101	Hunter Safety and Natural Resources	1/2	X	X	X	X
0102	Intro to Ag Mechanics and Technology	1/2	X	X	X	X
0105	Agricultural Engines and General Mechanics	1/2		X	X	X
0106	Game and Meat Processing (Semester / 2 hour block)	1		X	X	X
0107	Botany/Horticulture Science I	1/2		X	X	X
0108	Botany/Horticulture Science II *	1/2		X	X	X
0109	Animal Care	1/2	X	X	X	X
0111	Supervised Agricultural Experience (SAE) §	1/4 - 1/2		X	X	X
0112	Ag Welding	1/2	X	X	X	X
0113	Retail Floral Business and Management ^	1/2			X	X
0115	Veterinary Science *	1/2			X	X
0117	Agronomy	1/2			X	X
0119	Community Leadership and Development in Agriculture	1/2			X	X
* = Course has a prerequisite (check course description)						
§ = Summer Only						
^ = Dual Credit Option						

## 0100 Intro to Agriculture

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to allow students to explore the dynamic field of agriculture and agribusiness. Try your hand at woodworking, horticulture, animal science, crop production and food science. Develop leadership skills through integrated FFA activities. **Coveralls are highly recommended to protect students and their clothing.**

### **0101 Hunter Safety and Natural Resources**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Interested in learning about wildlife, natural resources, the environment and becoming a certified hunter? Receive hands-on training in hunter responsibility, outdoor first aid and survival, wildlife identification, game preparation and handheld GPS units. Instruction will include care of natural resources (water, trees, soil, coal and oil) and environmental conservation.

### **0102 Intro to Ag Mechanics and Technology**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Investigate an introduction to carpentry, hot or cold metal working, electrical wiring, plumbing, soldering, through hands on and classroom learning. Students will learn about the areas of agricultural sales and present demonstrations. *Coveralls may be required to protect students and meet safety standards.*

### **0105 Agricultural Engines and General Mechanics**

**1/2 Credit**

**Open to Grades 10, 11, 12**

Practice skills used by ag mechanics to repair small and large engines, solder and wire electrical components, develop skills in hot metal work, and cutting and forming steel. A major part of this course involves hands-on repair and project construction. Students have the opportunity to operate, tear down, investigate and re-assemble a brand new small engine and then service their own equipment. *Coveralls will be required to protect students and meet safety standards.*

### **0106 Game and Meat Processing**

**1 Credit (Semester/2 hr block)**

**Open to Grades 10, 11, 12**

Identifying and processing beef, lamb, pork, poultry, and wild game provide students with the skills needed in an agricultural or food-related career. Gain experience making sausage, jerky, bacon and ham while learning how to safely operate the processing equipment and market the product. Practice quality grading and yield grading beef. *A lab coat is required for protection and safety.*

### **0107 Botany/Horticulture Science I**

**1/2 Credit**

**(Optional Science Credit)**

**Open to Grades 10, 11, 12**

This course prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation structures while working in an operational greenhouse. Students will examine the importance of plant cell structures, functions of cells, plant processes, roots, stems, leaves, flowers, and reproduction of plants. Additional topics to be covered include soils, plant identification, pest and pest control, biotechnology, hydroponics, and an introduction to landscaping. If taken as a science elective, this course will meet the ND University System requirements as one-half credit of three science credits required for university admission.

### **0108 Botany/Horticulture Science II**

**1/2 Credit**

**Open to Grades 10, 11, 12**

This course is designed to review and further the knowledge and greenhouse techniques acquired in Bot/Hort I. Blend hands-on experience and class work to emphasize the following areas: tree and shrub ID and care, plant parts and processes, sexual and asexual propagation of greenhouse plants and vegetables, tissue culturing, bulbs, hanging baskets, specialty artificial flowers, hydroponics and aquaponics, as well as landscape design, crop science and fertilization and gardening. **(Prerequisite: Botany/Horticulture Science I.)**

### **0109 Animal Care**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Is an animal or veterinary science related occupation in your future? Learn the skills and management techniques needed for employment in caring for dogs, cats, horses, cattle, sheep, pigs and other animals. Nutrition, genetics, and animal health are explored.

### **0111 Supervised Agricultural Experience (SAE) (Summer Only)**

**1/4 – 1/2 Credit**

**Open to Grades 10, 11, 12**

Students taking SAE for credit will choose a placement, entrepreneurial or directed activity in which they must spend a minimum of 40 hours outside of school time. Students will use the North Dakota SAE record book to record financial and other pertinent information. Students must complete a proficiency award application in the appropriate area to receive the credit.

### **0112 Ag Welding**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This exploratory course is designed to teach basic welding skills. Students will first learn how to operate oxy acetylene equipment, then shielded metal arc (SMAW), metal inert gas also known as wire feed welders, and Pulse welding techniques. Students will also be trained using state of the art plasma arc cutting, and design layout. Safety in operating all welding devices will be taught along with fabrications of various projects. This class prepares students for further study in welding. **Coveralls of 100% cotton are required for protection of the students and their clothing.**

### **0113 Retail Floral Business and Management**

**1/2 Credit**

 **(Optional Dual Credit)**

**Open to Grades 11,12**

Interested in working in the retail florist industry? Learn how to produce market-ready products such as center-pieces, corsages and boutonnieres. Students will have an opportunity to run a school retail floral shop with emphasis on design, flower and plant identification and care, processing orders, customer sales, event planning, public relations, marketing and business management. The hands-on projects will provide students with entrepreneurship experiences, preparing them for entry level employment or continued education.

### **0115 Veterinary Science**

**1/2 Credit**

**Open to Grades 11, 12**

This course is designed to provide instruction and training in the Certified Veterinary Assistant field. Instruction includes but is not limited to, advanced knowledge and skills in animal handling and restraint, health and safety, sanitation, surgical preparation, anatomy and physiology, medical terminology, infectious diseases, instrument and equipment identification, vaccine preparation in injection techniques, law and ethics and veterinary office procedures. **(Prerequisite: Animal Care. This class does not meet science requirements.)**

### **0117 Agronomy**

**1/2 Credit**

**Open to Grade 11, 12**

Agronomy is designed to provide instruction in crop production and soil science. Cutting edge agricultural technology is infused into this curriculum wherever it is possible. After completing this course, students will possess an in-depth knowledge of seeds, insects, soils and crops.

### **0119 Community Leadership and Development in Agriculture**

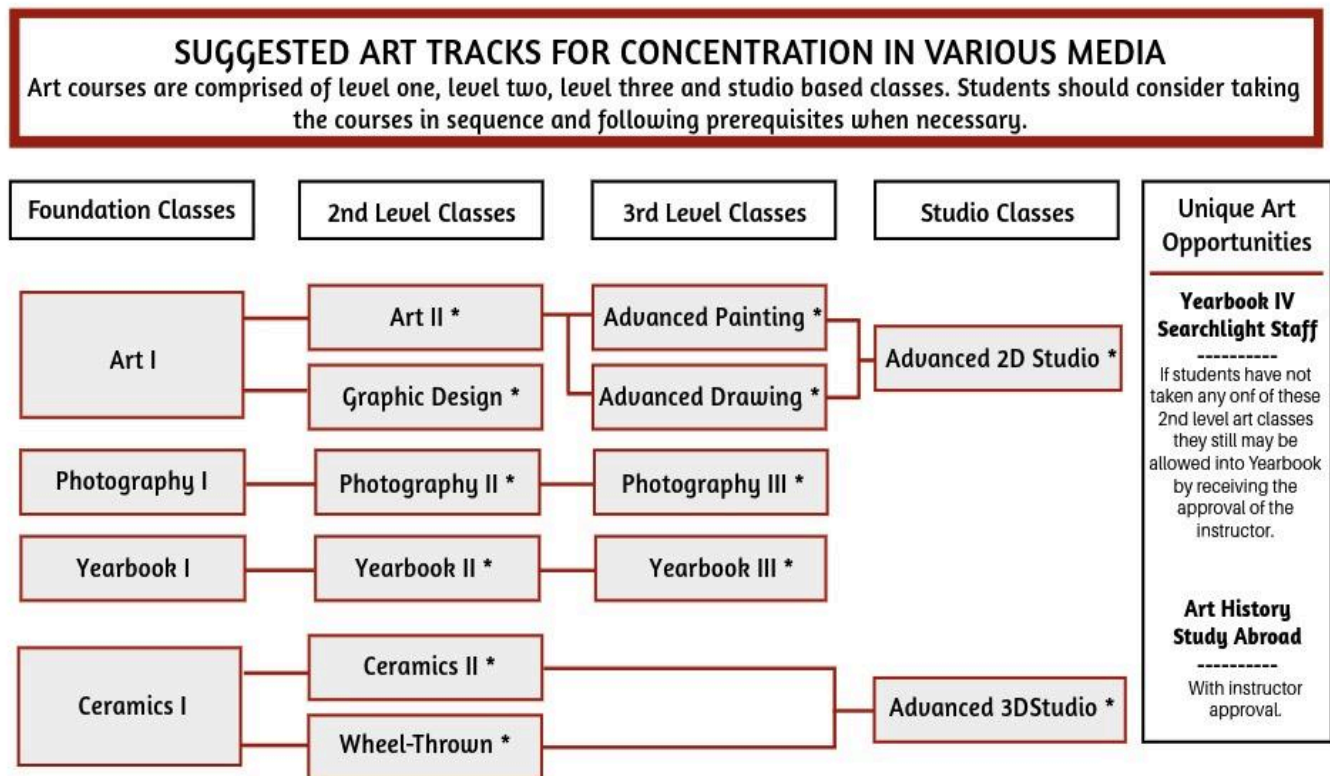
**1/2 Credit**

**Open to Grades 11, 12**

Looking to make a positive impact in your community? Through the Community Leadership and Development in Agriculture students will plan and implement service learning projects to better our local community. Students will learn essential leadership skills to collaboratively research, develop, and promote programs and initiatives driven by community need.

# Art

Art in the MHS/MNHS curriculum provides varied course selections to expand each student's interests and abilities through personal involvement in the creative process. Creating artwork equips each student with a lifelong set of skills, perspectives and sensibilities that he or she will use to observe, understand and relate to art in everyday experiences. Students learn to understand visual art as human expression which combines knowledge, concepts and practice from many disciplines. They engage in the kind of analysis, exploration, reflection and communication needed to experience and create art. Our art curriculum meets state and national benchmarks for visual art education in content and sequence.





Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0200	Art I	1/2	X	X	X	X
0212	Art II *	1/2	X	X	X	X
0217	Advanced Drawing *	1/2		X	X	X
0218	Advanced Painting *	1/2		X	X	X
0202	Ceramics I	1/2	X	X	X	X
0209	Ceramics II *	1/2	X	X	X	X
0210	Wheel-Thrown * ( <i>Semester / 2 hour block</i> )	1		X	X	X
0205	Yearbook I	1	X	X	X	X
0206	Yearbook II *	1		X	X	X
0207	Yearbook III *	1			X	X
0213	Yearbook IV *	1			X	X
0229	Graphic Design *	1/2		X	X	X
0222	Advanced 2D Studio *	1/2				X
0224	Advanced 3D Studio *	1/2				X
0235	Photography I	1/2			X	X
0236	Photography II *	1/2			X	X
0237	Photography III *	1/2			X	X
0223	Art History Studies Abroad # §	1/2		X	X	X
* = Course has a prerequisite (check course description)						
# = Consultation with the instructor required						
§ = Summer Only						

## 0200 Art I

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed for students to explore new concepts, techniques and media. Students will learn skills and techniques vital for success in other high school art classes. Areas of study include the Elements of Art and Principles of Design, drawing, and painting. This course is a prerequisite for most 2D art classes.

## 0202 Ceramics I

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to explore ceramic hand built methods such as pinch, slab and coil. Students will be taught facial proportions by sculpting a ceramic human face mask using relief method. Nine tiles will be constructed emphasizing surface decoration and glazing techniques. Other media may include a nylon/wire sculpture.

## 0205 Yearbook I

**1 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to develop photojournalism skills which focus on interviewing, writing, design and photography. This class is meant to prepare students with skills to publish a future polished yearbook.

**0206 Yearbook II****1 Credit****Open to Grades 10, 11, 12**

This course builds on the skills learned in Yearbook I. Students are expected to attend various activities to complete assignments. **(Prerequisite: Yearbook I)**

**0207 Yearbook III****1 Credit****Open to Grade 11, 12**

This course builds on skills learned in Yearbook I and Yearbook II. The student will assume greater responsibilities for developing themes and taking photographs in addition to planning and editing the MHS Searchlight Yearbook. Students are expected to attend various MHS activities to complete assignments. **(Prerequisite: Yearbook II)**

**0209 Ceramics II****1/2 Credit****Open to Grades 9, 10, 11, 12**

This course is designed to utilize advanced techniques using the three basic hand-building methods – slab, coil and pinch – with emphasis on surface decoration. Students will be exposed to glaze-mixing and kiln-firing concepts. Projects include a large coil pot, ocarina, slab lidded box and porcelain and raku pinch pots. **(Prerequisite: Ceramics I)**

**0210 Wheel-Thrown****1 Credit (Semester/2 hr block)****Open to Grades 10, 11, 12**

This course introduces and develops the skill of forming clay on the wheel. Students will produce functional pottery including mugs, bowls, plates, plates and complex forms. Surface decoration, glaze mixing, and combining handbuilt techniques to wheel throw objects will be explored. **(Prerequisite: Ceramics II)**

**0212 Art II****1/2 Credit****Open to Grades 9, 10, 11, 12**

This course is designed to build on the concepts learned in Art I and to further develop the Elements of Art and Principles of Design and techniques in a variety of 2D and 3D media. **(Prerequisite: Art I)**

**0213 Yearbook IV****1 Credit****Open to Grades 11, 12**

This course is designed for self-motivated students with a passion in photography, journalistic production, and/or graphic design. Students who take this course will learn graphic design skills, technology skills, journalism skills, business skills and life skills. They will be part of a team that will design and produce the MHS Searchlight Yearbook. **(Prerequisite: Yearbook III)**

**0217 Advanced Drawing****1/2 Credit****Open to Grades 10, 11, 12**

This course develops skills in drawing with a variety of media including pencil, color pencil, charcoal, pastels and inks. Areas of study are contour and gesture line, value, visual perspective, and figure and portrait drawing. **(Prerequisite: Art II)**

**0218 Advanced Painting****1/2 Credit****Open to Grades 10, 11, 12**

This course develops skills in color, composition and painting techniques using both acrylic and watercolor paints. Other select mixed media are incorporated, which include ink, water-soluble drawing materials. **(Prerequisite: Art II)**

### **0222 Advanced 2D Studio**

**1/2 Credit**

**Open to Grade 12**

This course is designed to allow self-motivated students to further their skills in 2D art. Students will explore new techniques, keep a journal of progress, and set up an art exhibit at the end of the semester to showcase their work. (Prerequisite: Advanced Drawing and/or Advanced Painting)

### **0223 Art History Studies Abroad**

**1/2 Credit**

**Open to Grades 10, 11, 12**

This course provides students with a broad fine arts background through world travel. Great works of art in the areas of sculpture, architecture and painting will be emphasized. Pre- and post-travel classes will enhance student's appreciation and understanding of the fine arts. A concluding project and report is required of all students. A fixed price includes airfare, accommodations, meals, tour guides and chaperones. Each student provides for additional personal spending money. **Enrollment in this class must be approved by the instructor.**

### **0224 Advanced 3D Studio**

**1/2 Credit**

**Open to Grade 12**

This course is designed for students with a strong interest in 3 dimensional art, such as ceramics in any form, sculpture, and mixed media. Students will explore new techniques, keep an art journal of progress and develop a body of work for a required art exhibition at the end of the semester. (Prerequisite: Ceramics II and/or Wheel-Thrown)

### **0229 Graphic Design**

**1/2 Credit**

**Open to Grades 10, 11, 12**

This course introduces the fundamental terms, concepts and skills, tools and techniques used to create graphic designs for commercial and personal use. This is a course based on the increasing need and desire for digital art skills in the 21st century. Students will achieve a basic understanding of digital design and skills using Adobe Suites. (Prerequisite: Art I)

### **0235 Photography I**

**1/2 Credit**

**Open to Grades 11, 12**

This course in visual communication is designed to provide the student with hands-on experiences in digital camera handling, composition and digital printmaking. Students will also explore the elements and principles of art and how they apply to photography.

### **0236 Photography II**

**1/2 Credit**

**Open to Grades 11, 12**

This course in visual communication is designed to provide the student with hands-on experiences in advanced digital techniques. Layout, portraiture, experimental techniques and new artistic applications will be explored. (Prerequisite: Photography I)

### **0237 Photography III**

**1/2 Credit**

**Open to Grades 11, 12**

This course in visual communications is designed for the student who wants an in-depth, career-oriented, hands-on experience in photography. Students explore advanced digital photography techniques and apply them to the creation of practical life applications and will build a portfolio that will be showcased at the end of the course. (Prerequisite: Photography II)

# Business Education

The Business Education program is dedicated to providing students with fundamental business knowledge and skills. Students develop ethical business standards and personal and professional excellence for career preparation, educational advancement and personal success. Course content reflects emerging technology with some courses leading to advance placement in post-secondary schools and opportunities for specialist certification. Students are encouraged to join the Future Business Leaders of America (FBLA), an organization that fosters leadership development, community involvement and participation in state and national competitive events.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0300	Intro to Business and Marketing	1/2	X	X	X	X
0301	World of Work	1/2	X	X	X	X
0309	Business and Personal Law	1/2		X	X	X
0313	Accounting I	1/2	X	X	X	X
0314	Accounting II *	1/2	X	X	X	X
0315	Sports and Activities Multimedia	1/2	X	X	X	X
0317	Entrepreneurship ^	1/2		X	X	X
0319	Wealth Management	1/2	X	X	X	X
0326	Personal Finance	1/2	X	X	X	X
0330	Business Finance ^	1/2		X	X	X
* = Course has a prerequisite (check course description)						
^ = Dual Credit Option						

## 0300 Intro to Business and Marketing

**1/2 Credit**

Open to Grades 9, 10, 11, 12

Enter the world of business and marketing with a variety of hands-on activities, including group and individual projects and simulations. Learn about business in the global marketplace, economic systems, marketing, business organization, management and business math. Sharpen your business skills and create your own business project. Students are encouraged to join FBLA and DECA.

## 0301 World of Work

**1/2 Credit**

Open to Grades 9, 10, 11, 12

Are you ready to join today's workforce? You will be after taking this course which is designed to prepare you for the world of work by developing business communications, ethics in the workplace and basic leadership and entrepreneurship skills. Students will complete a job application, W-4, resume project and participate in mock job interviews.

## 0309 Business and Personal Law

**1/2 Credit**

Open to Grades 10, 11, 12

This course is designed to provide an awareness of the law as it relates to the student's role as a consumer. The course provides the knowledge necessary for high school students to live and work as productive citizens in today's society. Emphasis is placed on principles of the law, enforcement, the court system, crimes and torts, law for the minor and consumer awareness. The course is supplemented by numerous field trips to various court settings and community guest speakers.

### **0313 Accounting I**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Accounting I will introduce students to personal and business accounting for use in their everyday lives. Students are instructed in procedures with beginning accounting for a small business. This course is beneficial to all students because nearly everyone earns money and must submit income tax reports or keep personal financial records. Integrated automated accounting provides “hands-on” experience with computer business applications. Activities include speakers and field trips.

### **0314 Accounting II**

**1/2 Credit**

**Open to Grade 9, 10, 11, 12**

Students will continue learning accounting procedures for personal and business use. Instruction will cover the accounting cycle for a sole proprietorship and partnership. The automated accounting software will also be used for this course. Students will be introduced to basic corporate accounting, including stocks and bonds. Activities include speakers and field trips. **(Prerequisite: Accounting I)**

### **0315 Sports and Activities Multimedia**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Students will use digital images and videos to create meaningful documentation, production, and presentations of school events. Images, logos, backgrounds, and navigation tools for digital display will be used in multimedia and Internet applications. The topics of image-editing, animation, file compression, digital audio/video editing, and planning for multimedia applications will also be discussed. Enhancements include proper format and appropriate use of graphics, animations, and transitions. Use of various modes of communicating using web pages and social media will also be implemented.

### **0317 Entrepreneurship**

**1/2 Credit**



**(Optional Dual Credit)**

**Open to Grades 10, 11, 12**

Students will be provided with information relating to owning and operating their own business. Throughout the semester, students complete a business plan for a specific type of business of their choosing. They will also complete various projects relating to that business including business cards, billboards, flyers, brochures, job applications, surveys and letterheads. Guest speakers from the community and class field trips to various businesses supplement the course. (One of the four required courses to obtain a post-secondary Small Business Management Certificate of Completion – See page 9).

### **0319 Wealth Management**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to focus on creating your future wealth. Students will learn how to save for larger purchases, including vehicles and homes; navigate college costs; discuss different types of insurance products available; begin planning for retirement and end of life; discover investment accounts and opportunities; learn how to prevent identity theft; as well as preparing personal tax returns.

### **0326 Personal Finance**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to focus on money management, income, spending and credit, as well as saving and investing. Students will learn how to create personal and household budgets, use checking and savings accounts, demonstrate knowledge of finance, debt, credit management, insurance and taxes.

### **0330 Business Finance**

**1/2 Credit**



**(Optional Dual Credit)**

**Open to Grades 10, 11, 12**

Students will focus on a business' financial behavior; examine the financial side of running a business, keeping records, investing, protecting against loss, obtaining credit, and making strategic decisions. (One of the four required courses to obtain a post-secondary Small Business Management Certificate of Completion – See page 9)

# Family and Consumer Sciences

Family and Consumer Science courses are designed to provide experiences and skills that students need to succeed in a changing world and prepare for their adult lives. Transfer of mathematics, technology, science, reading and writing to real life situations and employment help students evaluate choices and plan for success. Students gain skills and experiences in nutritional food selection and preparation, relationships, child development, parenting, clothing and housing choices, money management and career planning. FCCLA (Family Career Community Leaders of America) provides opportunities for students to develop leadership skills, focuses on the family through chapter service, and encourages students to develop a STAR event project in an area of interest, possibly participating at state and national competitions.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0801	Skills for Living	1/2	X	X	X	X
0802	Housing and Interior Design	1/2	X	X	X	X
0803	Modern Sewing and Textiles I	1/2	X	X	X	X
0804	Modern Sewing and Textiles II *	1/2	X	X	X	X
0805	Foods I	1/2	X	X	X	X
0817	Foods II *	1/2	X	X	X	X
0806	Cultures and Cuisine *	1/2		X	X	X
0810	Culinary Arts * (Year / 2 hour block)	2			X	X
0807	Relationships	1/2		X	X	X
0808	Child Development and Parenting	1/2		X	X	X
0811	Early Childhood Education (Year / 2 hour block)	2			X	X
0819	Introduction to the Teaching Profession	1/2	X	X	X	X
0820	Careers in Education * (Semester / 2 hour block)	1			X	X
0821	Paraprofessional Training *	1/2			X	X
* = Course has a prerequisite (check course description)						

## 0801 Skills for Living

**1/2 Credit**

Open to Grades 9, 10, 11, 12

Prepare students for life on their own following high school. Topics covered are personal and mental health, communication and teamwork, relationships, nutrition and wellness, food preparation, decision making, money management and career planning. Labs will include simple-to-make foods that can be prepared with minimal ingredients and equipment. An entrepreneur project will also be a part of the class.

## 0802 Housing and Interior Design

**1/2 Credit**

Open to Grades 9, 10, 11, 12

Decorate homes with color and design. Students will learn to incorporate the principles and elements of design to create a space that is functional and interesting. Through the content area course work students will be designing a kitchen, living room and bedroom to gain experience in the area of interior design. The class projects help students explore the field of interior design while developing their creativity.

### **0803 Modern Sewing and Textiles I**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

An exploratory course in sewing and textiles designed to help students gain knowledge and strengthen their basic sewing skills. Learn how to create custom designs for hand sewing and embroidery projects, along with constructing pajama pants, and up cycling clothing using new fashion trends. In addition, students will learn how to finish their projects with a Serger and embellish their creations digitally using the Cricut and/or an embroidery machine. Design elements and principles will be incorporated as they apply to the selection of various projects.

### **0804 Modern Sewing and Textiles II**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Student designers will learn how to make a career out of their passion for sewing and textile art through this hands on course. Projects will include creating a collection of pieces that showcase advanced skills through elements and principles of design. Students will learn how to design, create, and market their products for possible career options. Additional topics covered but are not limited to alterations, hemming, upcycling, construction of new clothing, and creating a career path to success in sewing. **(Prerequisite: Modern Sewing and Textiles I)**

### **0805 Foods I**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

An exploratory, lab-based course designed to help gain knowledge in basic food concepts. Students will have hands-on experiences using food preparation techniques using food safety and sanitation methods. Students will work in groups learning how to make appetizers, entrees, snacks, and desserts based on MyPlate guidelines using basic ingredients versus convenience foods.

### **0806 Cultures and Cuisine**

**1/2 Credit**

**Open to Grades 10, 11, 12**

Explore regional foods, foreign cultures and sample their cuisines (including: New England, Italian, Pacific Coast/Oriental, Southern/French, Midwest, German/Scandinavian, Southwest, Spanish/Mexican). Students will broaden their food preparation knowledge as they create international dishes. **(Prerequisite: Foods I)**

### **0807 Relationships**

**1/2 Credit**

**Open to Grades 10, 11, 12**

Healthy relationships are the main focus of this course. Topics include personality development, establishing goals, communication, sexually transmitted disease, dating, marriage, and balancing work and personal life. Learning to cope with current social problems and family issues helps students focus on decisions they will face as adults. Community speakers and resources offer interesting and current information for students.

### **0808 Child Development and Parenting**

**1/2 Credit**

**Open to Grades 10, 11, 12**

Gain a better understanding of the growth and development of children from conception through infancy and childhood. Opportunities for observing and working with children, planning activities, electronic infant care and field trips/guest speakers are included in this class. Current topics such as teen pregnancy, birth defects, child abuse, discipline and child care provide a background for parenting and other child development careers.

### **0810 Culinary Arts**

**2 Credits (Year / 2 hr block)**

**Open to Grades 11, 12**

This class is based on the Prostart curriculum. The prostart program teaches high school students culinary skills and restaurant management principles as well as employability skills such as communication, teamwork, professionalism, and time management. Through this class, students will train for a position in culinary arts or prepare for post-secondary training. They will gain knowledge and skills in food preparation and service through expanded laboratory experiences. Students interested in careers including dietician, hospitality manager, chef and retail food service would benefit from this class. **Personal transportation to work sites and uniforms are required.** **(Prerequisite: Foods I)**



### **0811 Early Childhood Education**

**2 Credits (Year / 2 hr block)**

**Open to Grades 11, 12**

Benefit from hands-on experience working with children through planning, organizing, and operating preschool programs while working towards the Child Development Associate (CDA) Credential. Gain work experience assisting day care center, kindergarten, or elementary teachers/directors in the community. Collaboration with a Head Start classroom will also be a major part of the learning. Students interested in careers with young children including social work, teaching, child psychology, pediatrics, or day care would benefit from this class. **Personal Transportation is required. Articulation available with Dakota College toward a CDA Credential. (Prerequisite: Introduction to the Teaching Profession)**

### **0817 Foods II**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

In this progressive foods course, you will learn a variety of skills relating to budgeting, meal planning, and nutrition. Take your culinary skills to the next level through instructional food labs, friendly competitions, and hands-on projects including a food truck experience, entertaining for social gatherings, with the influence of the latest food trends. **(Prerequisite: Foods I)**

### **0819 Introduction to the Teaching Profession**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

If you are interested in a career in teaching, this course is for you. Students will explore the many career opportunities in the field of education beginning at the pre-school school level and continuing through post-secondary. They will learn about lessons design and teaching strategies, as well as classroom management and environment. Principles of student behavior and development will be addressed. Students can expect some opportunities to observe and participate in classrooms outside of their own.

### **0820 Careers in Education**

**1 Credit (Semester/2 hr block)**

**Open to Grades 11, 12**

Delving deeper into the field of education, class participants will develop their own lesson plans and objectives in this extension of Introduction to Teaching Careers. They will also practice utilizing technology in the classroom, data and record keeping, questioning skills, presentation skills, and teaching special and gifted populations. Real world teaching situations at area schools will be a greater focus in this setting. **Personal Transportation is required to and from field experience schools. (Prerequisite: Introduction to the Teaching Profession)**

### **0821 Paraprofessional Training**

**1/2 Credit**

**Open to Grades 11, 12**

Course participants will explore and prepare for careers working with special needs students. This course focuses on the needed skills to enter the field of education as a paraprofessional after high school and even continue on as a teacher. Students will learn about managing challenging behaviors, using academic best practices when working with the special needs populations, Special Education law, and crisis prevention intervention. Students will also prepare to take a paraprofessional assessment leading to paraprofessional certification. A CPR certification may also be offered. **(Prerequisite: Introduction to the Teaching Profession)**

# Health Sciences (CTE)

Health Sciences offers a rigorous sequence of courses to investigate the roles of biomedical and health careers professionals. Through the Project Lead The Way Biomedical Science program, students engage in activities like investigating the death of a fictional person, examining the structures and interactions of human body systems, and exploring the prevention, diagnosis, and treatment of disease. Medical Careers courses offer an on-the-scene look at various medical related facilities while doing clinical rotations and obtaining a Certified Nursing Assistant's credential. All Health Sciences courses are offered for CTE credit only. Reference chart on previous page. No science credit is available.

## Possible Health Sciences pathways

	9th	10th	11th	12th
If you will be a FRESHMAN:	Principles of Biomedical Sciences (1hr/yr 1cr)	Human Body Systems <i>PreReq Principles of Biomedical Sciences</i> (1hr/yr 1cr)	Medical Interventions <i>PreReq Human Body Systems</i> (1hr/yr 1cr)	
			Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>	Advanced Medical Careers <i>Prereq Medical Careers II</i> (1hr/yr 1cr)
				Certified Nursing Assistant/Medication Assistant <i>Prereq Medical Careers II</i> (2hr/Sem 1 Dual Credit)
If you will be a SOPHOMORE:	Principles of Biomedical Sciences (1hr/yr 1cr)	Human Body Systems <i>PreReq Principles of Biomedical Sciences</i> (1hr/yr 1cr)	Medical Interventions <i>PreReq Human Body Systems</i> (1hr/yr 1cr)	Medical Interventions <i>PreReq Human Body Systems</i> (1hr/yr 1cr)
			Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>	Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>
				Certified Nursing Assistant/Medication Assistant <i>Prereq Medical Careers II</i> (2hr/Sem 1 Dual Credit)
	Human Body Systems <i>PreReq Principles of Biomedical Sciences</i> (1hr/yr 1cr)	Medical Interventions <i>PreReq Human Body Systems</i> (1hr/yr 1cr)		
		Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>		Certified Nursing Assistant/Medication Assistant <i>Prereq Medical Careers II</i> (2hr/Sem 1 Dual Credit)
If you will be a JUNIOR:		Medical Careers I (1hr/yr 1cr)		Advanced Medical Careers <i>Prereq Medical Careers II</i> (1hr/yr 1cr)
			Principles of Biomedical Sciences (1hr/yr 1cr)	Human Body Systems <i>PreReq Principles of Biomedical Sciences</i> (1hr/yr 1cr)
			Human Body Systems <i>PreReq Principles of Biomedical Sciences</i> (1hr/yr 1cr)	Medical Interventions <i>PreReq Human Body Systems</i> (1hr/yr 1cr)
		Medical Careers I (1hr/yr 1cr)	Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>	Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>
				Certified Nursing Assistant/Medication Assistant <i>Prereq Medical Careers II</i> (2hr/Sem 1 Dual Credit)
If you will be a SENIOR:				Advanced Medical Careers <i>Prereq Medical Careers II</i> (1hr/yr 1cr)
				Principles of Biomedical Sciences (1hr/yr 1cr)
				Human Body Systems <i>PreReq Principles of Biomedical Sciences</i> (1hr/yr 1cr)
				Medical Careers I (1hr/yr 1cr)
				Medical Careers II (2hr/Sem 1cr) <i>PreReq Human Body Systems OR Medical Careers I</i>
				Certified Nursing Assistant/Medication Assistant <i>Prereq Medical Careers II</i> (2hr/Sem 1 Dual Credit)
				Advanced Medical Careers <i>Prereq Medical Careers II</i> (1hr/yr 1cr)

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1705	Medical Careers I	1		X	X	X
1706	Medical Careers II * (Semester / 2 hour block)	1			X	X
1707	Certified Nursing Assistant/Certified Medication Assistant * ^ (Semester/2 hour block)	1			X	X
1730	Advanced Medical Careers * (Semester / 2 hour block)	1				X
1770	Principles of Biomedical Sciences	1	X	X	X	X
1771	Human Body Systems *	1		X	X	X
1772	Medical Interventions *	1			X	X
* = Course has a prerequisite (check course description)						
^ = Dual Credit Option						

### 1705 Medical Careers I

**1 Credit**

Open to Grades 10, 11, 12

Medical Careers I provides students interested in the Health Sciences, basic health care concepts fundamental to a wide variety of medical careers. Students will investigate occupations, personal and professional issues, vital sign skills, and anatomy and physiology as they apply to the health professional. This course is for students interested in pursuing careers in Medicine, Dental, Veterinary, Nursing, and the Allied Health Professions with patient contact.

### 1706 Medical Careers II

**1 Credit (Semester/2 hr block)**

Open to Grades 11, 12

This course is the clinical portion of Medical Careers. Instruction will include HIPAA, legal ethical, patient care skills, and CPR/First Aid Training. Students will attend clinical job shadows in health science related facilities such as hospital, clinic and other outpatient offices in town for a total of 4-7 weeks. **Transportation and uniforms are required. Students must make their own transportation arrangements. (Prerequisite: Medical Careers I or Human Body Systems).**

### 1707 CNA / CMA

**1 Credit (Semester/2 hr block)**

**Certified Nursing Assistant /Certified Medication Assistant**

**(Optional Dual Credit)**



Open to Grades 11, 12

Certified Nursing Assistant training includes coursework, hand-on activities, residential experience, hospital experience, along with soft skills and job readiness training. At the end of the class, students will have the option to take the National CNA examination for a fee. Certified Medication Assistant training includes classroom instruction and practice of clinical skills in the classroom setting. Certified Medication Assistants can provide medications in nursing homes, assisted living centers, care facilities for handicapped, schools, child care settings or patient homes under the direct supervision of a licensed care provider. After completion, the student may take the National Medication Assistant examination with their employer for an additional fee. Students must pass the CNA exam and be at least 18 years of age prior to taking the CMA exam. **Transportation and uniforms are required. Students must make their own transportation arrangements. (Prerequisite: Medical Careers II).**

## **1730 Advanced Medical Careers**

**1 Credit (Semester/2 hr block)**

**Open to Grade 12**

Learn advanced skills in Advanced Medical Careers focusing on the medical career of your choice. Builds on the basics of health careers and is intended for students who will pursue a health career after high school. You will make an in-depth investigation of the career of your choice and be involved in community projects while investigating topics in community and mental health, medical terminology, pharmacology, etc. Students will practice decision-making skills, making healthy choices, taking responsibility for their own health and will have expanded clinical job shadows, up to 8 weeks, in local hospitals and clinics. **Transportation and uniforms are required. Students must make their own transportation arrangements. (Prerequisite: Medical Careers II)**

## **1770 Principles of Biomedical Science**

**1 Credit**

**Open to Grades 9, 10, 11, 12**

Students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. **(Principles of Biomedical Science is a Project Lead The Way course offered for CTE credit only.)**

## **1771 Human Body Systems**

**1 Credit**

**Open to Grades 10, 11, 12**

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on skeletal models; use data acquisition software to monitor body functions, such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. **(Prerequisite: Principles of Biomedical Science.) (Human Body Systems is a Project Lead The Way course offered for CTE credit only.)**

## **1772 Medical Interventions**

**1 Credit**

**Open to Grades 11, 12**

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **(Prerequisite: Human Body Systems.) (Medical Interventions is a Project Lead the Way course offered for CTE credit only.)**

# Information Technology

The nature of work and life has changed with the rapid growth of technology. Labor reports indicate that over 90% of high-growth jobs will require technological fluency. This means students need to have technological competencies beyond word processing. The Information Technology program is dedicated to providing students with fundamental technology knowledge and skills. The IT courses introduce students to computer technology, prepare them for technology trouble-shooting and engage them as life-long learners of technological advances. Course content reflects emerging technology with some courses leading to advanced placement in post-secondary schools and opportunities for specialist certification.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1723	Intro to Information Technology	1/2	X	X	X	X
1724	Intro to Coding and Gaming	1/2	X	X	X	X
1725	AP Computer Sciences Principles * (PLTW)	1		X	X	X
1735	IT Internship / HS Tech Team	1/2			X	X
1737	Computer Hardware and Operating Systems ^	1		X	X	X
1739	Intro to Networking	1/2		X	X	X
1742	Intro to Cyber Security	1/2	X	X	X	X
1743	Intro to Computer Science/Coding (PLTW)	1	X	X	X	X
* = Course has a prerequisite (check course description)						
^ = Dual Credit Option						

## 1723 Intro to Information Technology

**1/2 Credit**

Open to Grades 9, 10, 11, 12

The Intro to Information Technology course will provide students with an overview of information and communication technologies. Lab activities will include disassembling and assembling PC towers and desktops, building Ethernet patch cables, testing power supplies and batteries with multimeters, and developing Raspberry Pi projects. Software activities will include creating android mobile apps using MIT App Inventor 2, HTML web pages using codecademy.com, and problem solving and troubleshooting technology issues. Learners will develop technological knowledge by using pcpartpicker.com to construct a dream PC build in Microsoft PowerPoint in Office 365. The students will gain communication skills by learning and applying information about virtual communities, social networks, cyber security, and Internet of Everything from online course simulations.

## 1724 Intro to Coding and Gaming

**1/2 Credit**

Open to Grades 9, 10, 11, 12

This course will provide students with a foundation for understanding programming languages. Fundamentals of logic (if-the, loops, data types, lists, variables and more), design, coding, structures, and controls will be taught and learned by creating games using Python and or JavaScript. Careers in coding and programming will be explored. Students will experience project-based learning, teamwork, problem-solving, and increased communication.

## **1725 AP Computer Science Principles**

**1 Credit**

 **Open to Grades 10, 11, 12**

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. AP Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation. Students will have the option to take the AP exam at the end of the course to gain college credit. **(Prerequisite: Any of the following courses — Intro to Coding and Gaming, Intro to Computer Science/Coding, Intro to Robotics. AP Computer Science Principles is a Project Lead the Way course offered for CTE credit only.)**

## **1735 IT Internship/HS Tech Team**

**1/2 Credit**

**Open to Grades 11, 12**

This class prepares students to become a computer repair technician dealing with all aspects of Chromebook repair and replacement of parts. Using an online, flexible curriculum, students will gain the knowledge and technical skills they need to operate a student-led Chromebook repair center. Once completed, students will be diagnosing and repairing devices for the school district.

## **1737 Computer Hardware and Operating Systems**

**1 Credit**

 **(Optional Dual Credit)**  
**Open to Grades 10, 11, 12**

The Computer Hardware and Operating Systems course is an interactive classroom experience for problem solving, maintaining, updating and upgrading personal computers. The students quickly gain knowledge, skills, and abilities to build computers. Hands-on activities include disassembling hardware, installing software, and setting up networks. Course topics include laptops, mobile devices and gaming systems. The students are offered CISCO Certification exam in IT Essentials. North Dakota State College of Science offers dual credit per semester. This course aligns with the CompTIA A+ certification for future advancement.

## **1739 Intro to Networking**

**1/2 Credit**

**Open to Grades 10, 11, 12**

Intro to Networking is designed to cover basic networking concepts within the context of home and small business networks. Students will develop hands-on networking skills designing, building and maintaining computer networks. Topics would include: networking administration and support, media and topologies, protocols and standards, network implementation, and network support.

## **1742 Intro to Cyber Security**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

The number of cyber-attacks is increasing dramatically so the need to secure our networks has never been greater. Intro to Cyber security cover trends in cyber security and career opportunities. Course modules will define cyber security, explain why it is so important, and introduce products and processes used to secure data. Students will also explore why cyber security is critical in business and medical industries, how hackers use unsuspecting individuals to propagate malware, and why cyber security is a growing profession.

## **1743 Intro to Computer Science/Coding**

**1 Credit**

**Open to Grades 9, 10, 11, 12**

Intro to Computer Science/Coding introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming VEX robots, and text-based programming side-by-side. Finally students will learn the power of text-based programming as they are introduced to the Python® programming language. **(Intro to Computer Science/Coding is a Project Lead the Way course offered for CTE credit only)**

# Language Arts

Any student planning to graduate from MHS/MNHS must have a minimum of four language arts credits. **Each student must be enrolled in a language arts course each semester.** The requirements are as follows:

- 1 credit of Grade 9 Language Arts
- 1 credit of Grade 10 Language Arts
- 1 credit of Grade 11 Language Arts
- 1/2 credit of oral communication (Debate, Speech, College Speech)
- 1/2 credit of elective

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1001	Grade 9 Language Arts	1	X			
1002	Grade 9 Advanced Language Arts	1	X			
1622	Grade 9 Foundations of Language Arts	1	X			
1014	Grade 9 Foundations of Language Arts/Read 180	2	X			
1004	Grade 10 Language Arts	1		X	X	X
1005	Grade 10 Advanced Language Arts	1		X		
1624	Grade 10 Foundations of Language Arts	1		X		
1625	Grade 10 Foundations of Language Arts/Read 180	2		X		
1030	Grade 11 Language Arts	1			X	
1040	AP English Language ( <i>Full Year</i> )	1			X	
1032	Grade 11 Foundations of Language Arts	1			X	X
1018	Grade 11 Language Arts/Read 180	2			X	
1042	Grade 12 Language Arts	1/2				X
***** LANGUAGE ARTS ELECTIVES *****						
1041	AP English Literature ( <i>Full Year</i> )	1				X
1008	Debate	1/2	X	X	X	X
1007	Speech	1/2	X	X	X	X
1052	Foundations of Speech	1/2		X	X	X
1057	College Speech 110 * ^	1/2			X	X
1047	College Composition 110 * ^	1/2				X
1060	College Composition 120 * ^	1/2				X
1051	Language Arts ACT Prep	1/4			X	X
1013	Reading Enrichment	1/2	X	X	X	X
1006	Theatre I	1/2	X	X	X	X
1029	Theatre II	1/2	X	X	X	X
1033	Journalism I	1/2	X	X	X	X
1016	Journalism II	1/2		X	X	X
1011	Film Study	1/2	X	X	X	X
1025	Writing Skills	1/2	X	X	X	X
1027	Creative Writing	1/2	X	X	X	X
1053	Poetry	1/2	X	X	X	X
1046	Media Literacy	1/2	X	X	X	X
1058	World Literature	1/2			X	X
1023	Novel	1/2			X	X
1061	Graphic Novel	1/2	X	X	X	X

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

^ = Dual Credit Option



## **1001 Grade 9 Language Arts**

**1 Credit**



**Open to Grade 9**

This course is designed to build on the foundations provided in middle school. Composition and literature experiences allow the student to develop and strengthen reading, writing, speaking, and listening skills. This course is required of all freshmen not enrolled in Grade 9 Foundations of Language Arts or Grade 9 Advanced Language Arts.

## **1002 Grade 9 Advanced Language Arts**

**1 Credit**



**Open to Grade 9**

This rigorous course is designed for the student who has the ability to master language arts skills at an advanced rate. Learning activities include the following: reading literature independently, conducting research projects, making real world connections, utilizing critical thinking skills, and completing a variety of writings, both academic and creative, focusing on the writing process. **In addition, summer reading may be assigned.** This rigorous course is required of all freshmen not enrolled in Read 180, Grade 9 Foundations of Language Arts or Grade 9 Language Arts.

## **1004 Grade 10 Language Arts**

**1 Credit**



**Open to Grade 10, 11, 12**

This course is designed to help the student improve writing skills and to provide experiences in literature. Course activities provide the student with opportunities to write well-constructed compositions of varying lengths and types. Students study various genres of fiction and nonfiction. This course is required of all sophomores not enrolled in Grade 10 Foundations of Language Arts or Grade 10 Advanced Language Arts.

## **1005 Grade 10 Advanced Language Arts**

**1 Credit**



**Open to Grade 10**

This rigorous course is designed for the student, who has demonstrated the ability to master language arts and to prepare them for college level work. Rigorous course activities provide the student with opportunities to read a variety of challenging literature, write and revise multiple writings including both short and long compositions as well as creative writing, and develop greater critical thinking skills. **In addition, summer reading may be assigned.** This course is required of all sophomores not enrolled in Grade 10 Foundations of Language Arts or Grade 10 Language Arts.

## **1006 Theatre I**

**1/2 Credit**

**Open to grades 9, 10, 11, 12**

This course is designed for the student interested in dramatic activities. Areas covered in-depth include the following: vocabulary, roles in theatre, pantomime, movement, blocking, imagination, concentration, theatre games, creative drama, acting, theatre evaluation, exposure to great plays and attendance at live theatre performances.

## **1007 Speech**

**1/2 Credit**



**Open to Grades 9, 10, 11, 12**

This course is designed to help students develop effective communication skills in preparation for both college and the world of work. Students develop poise and confidence when speaking in front of an audience. They also learn to gather and document information through various research techniques, organize speeches for various purposes and audiences, speak clearly and articulately and listen thoughtfully and critically to others.

## **1008 Debate**

**1/2 Credit**



**Open to Grades 9, 10, 11, 12**

Debate is an academic clash of ideas. Its focus is argumentation supported by credible evidence against an opponent's arguments. Students gain experience in argumentation, rebuttal, counterargument, advanced analysis, rhetoric, and determining point of view and bias. Completion of this course fulfills the MPS public speaking graduation requirement.

### **1011 Film Study**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to use classic and contemporary film as an exciting new way to examine filmmaking as an art form: as literature, as theater, and as cinematography. We will use film clips, full-length classic films, and movie storyboards to study filmmaking from the actor, director and cinematographer's perspective. We will also follow the newest technology used for special effects.

### **1013 Reading Enrichment**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed for any student who wishes to improve his/her reading comprehension, speed and/or vocabulary. Most reading assignments are individualized, allowing students to progress quickly. All materials must be accessed in class.

### **1014 Grade 9 Foundations of Language Arts/Read 180**

**2 Credits**

**Open to Grade 9**

This course is designed to build on the language arts foundation provided in middle school. In this intensive two-hour block course, students will use the Read 180 program to focus on improving the reading and writing skills needed to succeed in high school. Specifically, students will engage in a replacement curriculum, with an emphasis on improving reading comprehension, reading fluency, vocabulary, spelling and academic writing until they are able to read and understand grade level material.

### **1016 Journalism II**

**1/2 Credit**

**Open to Grades 10, 11, 12**

This course is designed for students interested in advancing journalism skills through various forms of media and producing work for school publications. Students will take photographs and videos, search for article ideas, interview other students for quotes, conduct surveys, and do computer layout and designs. Students will also take on editor and publisher roles.

### **1018 Grade 11 Language Arts/Read 180**

**2 Credits**

**Open to Grade 11**

This course is an intensive reading intervention program, designed for students who need additional support in reading. With the program Read 180, lessons directly address individual needs through differentiated instruction, adaptive instructional software, high-interest literature and direct instruction in reading, writing, and vocabulary skills. **This course meets the Grade 11 Language Arts requirement.**

### **1023 Novel**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed to help students engage with literature from an inquiry-based mindset. In addition to demonstrating comprehension of the pieces we study, students will be asked to explore the texts from varying perspectives, such as personal, author, genre, and literary lens.

### **1025 Writing Skills**

**1/2 Credit**

**Open to Grade 9, 10, 11, 12**

This course is designed for any students who wish to develop their writing skills. Students will work on building the necessary skills of writing for high school and beyond.

### **1027 Creative Writing**

**1/2 Credit**



**Open to Grades 9, 10, 11, 12**

This course is designed for the student who possesses a proficient command of the English language. Writing models, styles and techniques are examined. Students will compose a variety of writing styles. Some competitive writing is encouraged.

## **1029 Theatre II**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed for the student interested in all aspects of play production: performance, technical theatre, and dramatic literature. Areas covered in-depth include script selection, casting, production planning, improvisation, storytelling, movement, and character analysis and creation. Students will also study set design, scenic painting, lighting and publicity. Scripts studied will include a musical, a contemporary comedy or drama, a one-act play, and the current play production. This class will incorporate both independent and collaborative projects.

## **1030 Grade 11 Language Arts**

**1 Credit**

 **Open to Grade 11**

This course is designed to improve student writing in conjunction with the study and discussion of American Literature from colonial to contemporary times. Forms of writings studied include, but are not limited to, argumentative, narrative, informative/explanatory. This course is required of all juniors not enrolled in Grade 11 Foundations of Language Arts or Grade 11 AP English Language.

## **1032 Grade 11 Foundations of Language Arts**

**1 Credit**

**Open to Grades 11, 12**

The purpose of this course is to build the reading and writing skills of students and bridge the gap so they can be successful in regular language arts class. Composition and literature experiences allow the student to develop and strengthen reading, writing skills, speaking, and listening skills. This course is required of all juniors not enrolled in Grade 11 Language Arts or AP English Language.

## **1033 Journalism I**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed for students interested in learning the basics of journalism through various forms of media and producing work for school publications. Students will take photographs and videos, search for article ideas, interview other students for quotes, conduct surveys and do computer layout and design.

## **1040 AP English Language**

**1 Credit (Full Year)**

  **Open to Grade 11**

This accelerated course is designed to offer high school juniors an opportunity to develop advanced composition skills, to read challenging works of various American genres, and to analyze and apply techniques in literary argument. Although the class encompasses 1030 Grade 11 Language Arts (required), students will be expected to read literary works in which the themes and vocabulary will be more sophisticated and mature than works in the regular Grade 11 Language Arts class. In addition, summer reading may be assigned. Students are encouraged to take the AP English Language and Composition Test. Successfully completing this exam may allow a student to earn college credit in English while still in high school. **A fee is required to take this exam.**

## **1041 AP English Literature**

**1 Credit (Full Year)**

  **Open to Grade 12**

This accelerated course is designed to offer high school seniors an opportunity to develop advanced writing skills, read challenging works of various genres, and analyze and apply techniques of literary argument. Many of the works are college-level material. In addition, students are encouraged to take the AP English Literature and Composition Test. Successfully completing this exam may allow a student to earn college credit in English while still in high school. Summer reading may be assigned. **A fee is required to take this exam.**

## **1042 Grade 12 Language Arts**

**1/2 Credit**



### **Open to Grade 12**

This senior elective class is designed to be a combination of other Language Arts elective courses. Students will read a variety of literature forms such as poetry, novel, drama and short stories, work to improve their writing skills, and practice analytical approaches to media. In this class, students will work independently after choosing a course of study that suits their interests. Every individual course of study will focus on multiple Language Arts units in this semester long class.

### **1046 Media Literacy**

**1/2 Credit**

#### **Open to Grades 9, 10, 11, 12**

This course is designed to help students interpret, evaluate and produce both print and non-print media. The class fosters critical thinking about media products and media issues. Major areas of study may include journalism, advertising, visual literacy, film, and digital gaming.

### **1047 College Composition 110**

**1/2 Credit**

#### **(Dual Credit)**

#### **Open to Grade 12**

This course provides guided practice in college-level reading, writing, and critical thinking, with emphasis on the writing process and on approaches to critical reading. Students registering for this class are required to pay university tuition to earn three semester credits from Minot State University. Students must apply for admission to MSU. Applications for admission are available in the counseling office. **(Prerequisite: Students must adhere to Minot State University's admission requirements.)**

### **1051 Language Arts ACT Prep**

**1/4 Credit**

#### **Open to Grades 11, 12**

This ACT Prep class for Language Arts is designed to familiarize juniors and seniors with the ACT English, Reading, and Writing Tests. Students will take practice tests, work to evaluate and improve proficiency in usage/mechanics, vocabulary, rhetorical skills, and learn study skills and test-taking strategies.

### **1052 Foundations of Speech**

**1/2 Credit**

#### **Open to Grades 10, 11, 12**

This course has been modified from the Speech and Debate courses and has been designed to allow students to practice real-world public speaking skills. Course requirements may include the following: learning about the communication process, developing strategies for overcoming speech anxiety, practicing for a job interview, participating in group discussion, writing an outline, and delivering either a special occasion and/or demonstration speech.

### **1053 Poetry**

**1/2 Credit**

#### **Open to Grades 9, 10, 11, 12**

This course is designed to explore and create poetry with a focus on creating an emotional resonance. While technical elements will play a role in this, the primary focal point will be to learn a language of response that forms a long-term connection with poetry. Through the use of mentor texts from diverse poetic forms, eras, and authors, students will create poetry of depth.

### **1057 College Speech 110**

**1/2 Credit**

#### **(Dual Credit)**

#### **Open to Grades 11, 12**

This course focuses on the theory and practice of public speaking with emphasis on topic selection, content, organization of material, language, methods of securing attention and maintaining interest, delivery and critical evaluation of informative and persuasive messages. Students registering for this class are required to pay university tuition to earn three semester credits from Minot State University. Students must apply for admission to MSU. Applications for admission are available in the counseling office. **(Prerequisite: Students must adhere to Minot State University's admission requirements.)**

### **1058 World Literature**

**1/2 Credit**



### **Open to Grades 11, 12**

This course is designed for the student that plans to enter college. This course studies art and literature from various cultures around the world. Students will read novels, short stories, plays, essays, and poetry from a variety of time periods and regions. Students will also be asked to study religious texts, architecture, sculpture, and artistic movements from around the world. Student generated projects and independent reading are a requirement of this course.

## **1060 College Composition 120**

**1/2 Credit**

 **(Dual Credit)**

 **Open to Grade 12**

Advanced practice in college-level writing from sources and in applying rhetorical strategies. Emphases in rhetorical strategies and incorporating research in academic writing. Students registering for this class are required to pay university tuition to earn three semester credits from Minot State University. Students must apply for admission to MSU. Applications for admission are available in the counseling office. **(Prerequisite: College Composition 110 [ENGL 110 – College Composition I]. Students must adhere to Minot State University's admission requirements.)**

## **1061 Graphic Novel**

**1/2 Credit**

**Open to Grade 9, 10, 11, 12**

This course is designed for the student interested in exploring the visual and literary medium of the graphic novel. Equal emphasis will be placed on literary, artistic, and humanistic elements in graphic novels. Required texts will come from many genres, including realistic fiction, sci-fi/fantasy, manga, nonfiction, and memoir. Creative projects, presentations, and independent reading and writing are a requirement for this course.

## **1622 Grade 9 Foundations of Language Arts**

**1 Credit**

**Open to Grade 9**

The purpose of this course is to build the reading and writing skills of students and bridge the gap so they can be successful in a regular language arts class. This course is designed to build on the foundations provided in middle school. Composition and literature experiences allow the student to develop and strengthen reading, writing skills, speaking, and listening skills. This course is required of all freshmen not enrolled in Grade 9 Language Arts or Grade 9 Advanced Language Arts.

## **1624 Grade 10 Foundations of Language Arts**

**1 Credit**

**Open to Grade 10**

The purpose of this course is to build the reading and writing skills of students and bridge the gap so they can be successful in a regular language arts class. This course is designed to build on the foundations provided in middle school. Compositions and literature experiences allow the student to develop and strengthen reading, writing skills, speaking, and listening skills. This course is required of all sophomores not enrolled in Grade 10 Language Arts or Grade 10 Advanced Language Arts

## **1625 Grade 10 Foundations of Language Arts /Read 180**

**2 Credits**

**Open to Grade 10**

This course is designed to build on the Language Arts Foundation provided in ninth grade. In the first hour of this intensive two-hour block course, students will use the Read 180 program to focus on improving the reading and writing skills needed to succeed in high school as well as focus on writing and research skills. Specifically, students will engage in a replacement curriculum, with an emphasis on improving reading comprehension, reading fluency, vocabulary, spelling and academic writing until they are able to read and understand grade level material. In the second hour of this block, students will engage in extended readings in fiction and nonfiction, including news articles, short stories, novels, and nonfiction texts. Students will be expected to engage in writing and research activities, including annotation, objective summaries, and research. Students are expected to regularly interact with their peers through one-on-one partnering, peer review of writing, and assorted group projects. Presentations, both short (1–2 minutes in length) and extended (3–5 minutes) are part of the course.

# Marketing Education

Marketing Education is designed to prepare students for employment and/or continuing education opportunities in marketing through classroom instruction, real world experience in business operations, project based for applied learning, and through student internship programs. Students gain leadership skills, social awareness, and civic consciousness through the development and participation in our student leader organization DECA, a professional youth organization for students interested in marketing, management or entrepreneurship. All Marketing Education students are encouraged to be members of DECA. Leadership and management skills necessary for career readiness are further supported through working and managing the day to day operations of the school store and participating in community service projects in and out of the classroom. Students gain knowledge of marketing as it relates to advertising, travel and tourism, retail, sports and entertainment, Internet marketing, and finance.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0321	Marketing I <sup>^</sup>	1		X	X	X
0322	Marketing II * <sup>^</sup>	1			X	X
0331	Principles of Sports and Entertainment Marketing	1/2	X	X		
0332	School Based Enterprise Cooperative Work Experience *	1				X
* = Course has a prerequisite (check course description)						
<sup>^</sup> = Dual Credit Option						

## 0321 Marketing I

**1 Credit**

 **(Optional Dual Credit – available upon completion of 2nd Semester)**  
Open to Grades 10, 11, 12

This course is designed to prepare students in areas such as the marketing mix, target marketing, advertising, pricing and promotion, selling, visual merchandising, retailing, and business operations. Students in this course complete hands-on activities, including individual and group projects, to meet competency expectation levels. Students are provided with problem-solving methods, teamwork activities and workplace readiness skills. Students work in the student operated school store, to gain valuable work experience in the areas of cashiering, customer relations, store image, and inventory management. (One of the **four** required courses to obtain a post-secondary Small Business Management Certificate of Completion – See page 9)

## 0322 Marketing II

**1 Credit**

 **(Optional Dual Credit – available upon completion of 2nd Semester)**  
Open to Grade 11, 12

This course is designed to prepare students for managerial status in a business operation. Classroom content includes management, human relations, pricing, visual marketing, statistical research, problem solving, teamwork, community service, self management and sports and entertainment marketing. Students work in a supervisory capacity by managing the school store and completing a variety of task relating to this supervisory role. Students develop and focus on soft skills such as teamwork, communication, and leadership skills through various hands-on projects, store duties, and DECA related activities. (One of the **four** required courses to obtain a post-secondary Small Business Management Certificate of Completion – See page 9) **(Prerequisite: Marketing I)**

### **0331 Principles of Sports and Entertainment Marketing**

**1/2 Credit**

**Open to Grade 9, 10**

Principles of Sports and Entertainment Marketing is designed as an introductory class on the basic concepts of business and marketing as it relates to our society and us. The course will include an introduction to marketing and business concepts and foundations, including the business and marketing core concepts. Students will learn about the fundamental business activities and factors affecting business, basic marketing strategies, develop verbal and written communication skills, understanding job-seeking strategies and career planning. In addition, students learn about marketing occupations in the area of sports and entertainment. DECA is the student organization affiliated with this class.

### **0332 School Based Enterprise Cooperative Work Experience**

**1 Credit**

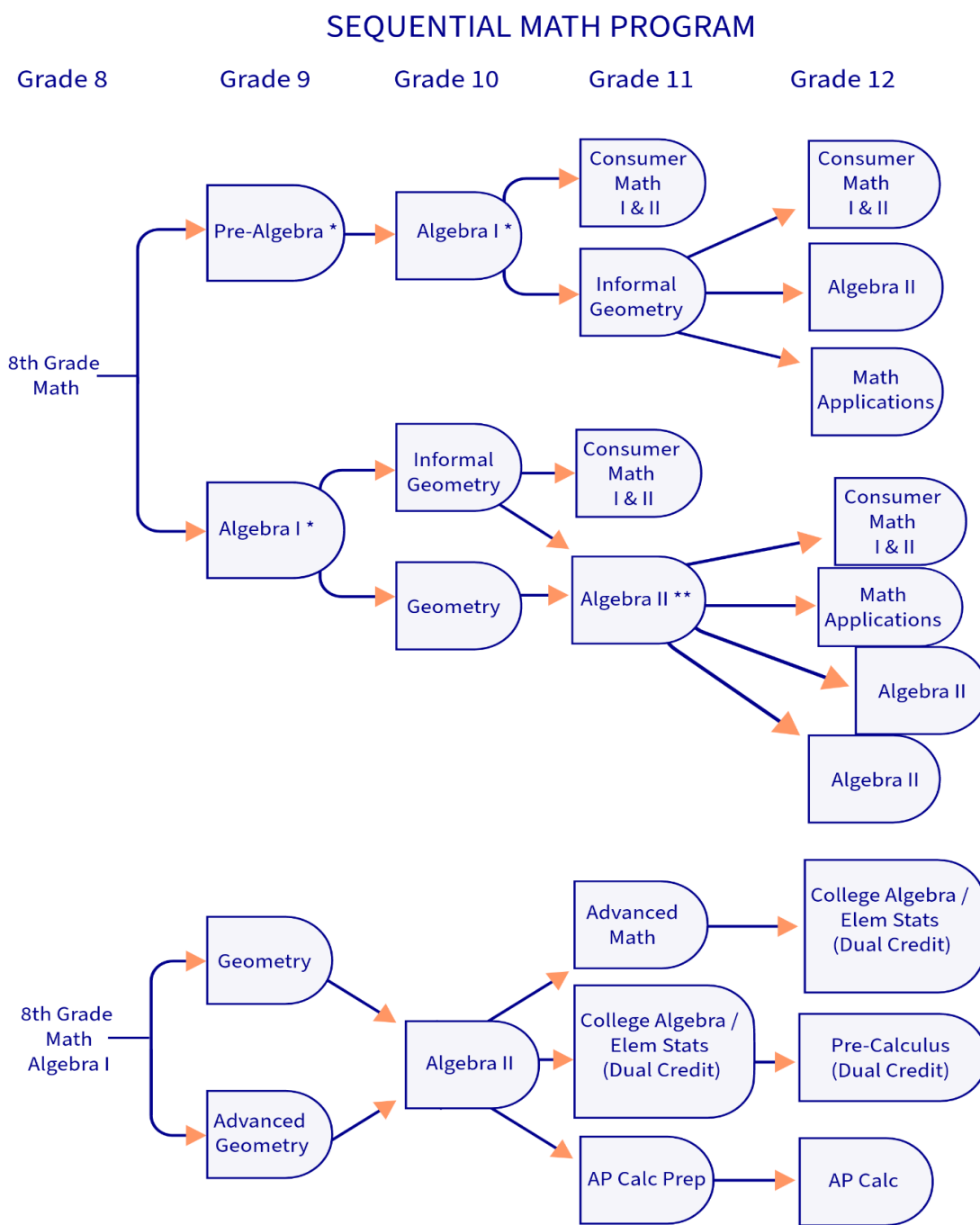
**Open to Grade 12**

To prepare students for employment, this course provides a model business and store complete with modern business equipment. This course includes the management and participation in total store operations by student rotation through the departments of management, merchandising, sales promotion, accounting, inventory management, purchasing, pricing and markup, sales promotions, social media marketing, and web design and maintenance. Students will get hands-on experience on the many aspects of owning, operating and running the many functions of a business. **(Prerequisite: Marketing II)**



# Mathematics

The mathematics curriculum offered reflects the rapid changes in our society with its increasing demand for mathematics. We offer a logical sequence of courses recommended by the National Council of Teachers of Mathematics and the Commission of Mathematics of the College Entrance Examination Board. Mathematics is an experience that requires student involvement, effort and serious study. Students who have questions regarding selection of math courses should consult with a mathematics teacher. Three (3) credits of mathematics are required.



\* Can also take Math Lab

\*\* ACT Math Prep can be taken concurrently

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1103	Algebra I	1	X	X	X	X
1104	Geometry *	1	X	X	X	X
1105	Algebra II *	1		X	X	X
1106S1	Consumer Math I	1/2		X	X	X
1106S2	Consumer Math II	1/2		X	X	X
1107	Mathematics Applications *	1			X	X
1108	Advanced Math *	1		X	X	X
1111	College Algebra 103 * ^	1/2			X	X
1112	Elementary Statistics 210 * ^	1/2			X	X
1113	Pre-Calculus 107 * ^	1			X	X
1114	AP Calculus Prep *	1			X	X
1115	AP Calculus *	1			X	X
1116	Advanced Geometry *	1	X	X		
1120	Pre-Algebra	1	X			
1121	Mathematics ACT Prep *	1/4			X	X
1122	Math Lab ††	1	X	X		
1123	Informal Geometry *	1		X	X	X
* = Course has a prerequisite (check course description)						
^ = Dual Credit Option						
†† = Teacher Recommendation Required						

### **1106 Consumer Math I (Semester 1)**

**1/2 Credit**

**Open to Grades 10, 11, 12**

This course is designed to emphasize practical applications that apply to everyday situations. Situations related to work and purchasing, such as gross and net income, compound interest, charge accounts and credit cards, and loans will be examined. A calculator will be used.

### **1106 Consumer Math II (Semester 2)**

**1/2 Credit**

**Open to Grade 10, 11, 12**

This course is designed to make students knowledgeable of business from a consumer perspective and covers such topics as personnel, production, purchasing, sales, and warehousing and distribution. A calculator will be used.

### **1107 Mathematics Applications**

**1 Credit**

**Open to Grade 11, 12**

This course is designed to teach math concepts applied to the “real world” applications. Students will understand the use of a scientific calculator, estimating, and trigonometry. Students will use tools such as transits, calipers, and micrometers to learn mathematics. All five content standards are covered including Algebra, Measurement, Probability and Statistics, Geometry, and Number and Operations. Potential careers covered include auto technology, construction, agriculture and business. **(Prerequisite: 1104 Geometry. Grade "C" or better is recommended.)**

## **1120 Pre-Algebra**

**1 Credit**

**Open to Grade 9**

This course is designed to be an intervention course to increase students foundational math skills and prepares them for Algebra I. A variety of topics will be covered including but not limited to: rational numbers, exponents, coordinate plane, linear equations and inequalities.

## **1121 Mathematics ACT Prep**

**1/4 Credit**

**Open to Grade 11, 12**

This ACT prep class for Mathematics is designed to familiarize students with the ACT Mathematics test. Students will take practice tests, learn test-taking strategies, and work to deepen their understanding of concepts commonly presented on the Mathematics portion of the ACT test. (**Prerequisite: Currently enrolled in or completed Algebra II**)

## **1122 Math Lab**

**1 Credit**

**Open to Grade 9, 10**

This course is designed to assist struggling and/or failing students in Pre-Algebra and Algebra I. This course is provided in conjunction with the regular mathematics course to pre-teach, re-teach, or provide enrichment to the student to prevent the need to modify the school's existing mathematics curriculum. This course is a structured class period that will build upon the existing mathematics skills needed for students to achieve the opportunity for success in their current and/or future mathematics course. (**teacher recommendation required**)

**Three credits from the following courses are required to meet the  
4-year ND university math requirement:**

## **1103 Algebra I**

**1 Credit**



**Open to Grades 9, 10, 11, 12**

This course includes studying properties and operations of the real number system; evaluating rational algebraic expressions, solving, and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

## **1104 Geometry**

**1 Credit**



**Open to Grades 9, 10, 11, 12**

This course emphasizing an abstract, formal approach to the study of geometry, typically includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles. Note: This course is intended for students planning on attending a four-year institution. (**Prerequisite: Algebra I**) (**Grade "C" or better is recommended**)

## **1105 Algebra II**

**1 Credit**



**Open to Grades 10, 11, 12**

This course is designed to continue the study of algebra. Topics include, but are not limited to, linear functions, absolute value, quadratic equations, polynomials, exponents, conics, logarithms and trigonometry. To enhance instruction and to enable students to learn more, it is expected that students have a calculator with graphing and statistical capability. (**Prerequisite: Geometry**) (**Grade "C" or better is recommended.**)

## **1108 Advanced Math**

**1 Credit**



**Open to Grade 10, 11, 12**

This course will give strong attention to probability and statistics as well as to the ideas of linear, quadratic, exponential, logarithmic, trigonometric and circular functions. To enhance instruction and to enable students to learn more, it is expected that students have a calculator with graphing and statistical capability. (**Prerequisite: Algebra II or Advanced Algebra II**) (**Grade "C" or better is recommended.**)

### 1111 College Algebra 103

1/2 Credit

 (Dual Credit Course)

 Open to Grade 11, 12

This course includes topics of solving equations and inequalities, exponential and logarithmic functions, rational and radical expressions, systems of linear equations, sequences, series and graphing. Students registering for this class are required to pay university tuition to earn four semester credits at Minot State University. Students must apply for admission to MSU. Applications for admission are available in the counseling office. **(Prerequisite: Algebra II, a 21 on math portion of ACT or a qualifying ACCUPLACER/college placement score, and have a 3.0 cumulative GPA.)** (Also, see Dual Credit Courses under registration information at the beginning of this guide.)

### 1112 Elementary Statistics 210

1/2 Credit

 (Dual Credit Course)

 Open to Grade 11, 12

This course is designed to give a fundamental background in numerical data, not only in mathematics but also economics, business education, physical science and engineering. It provides a basic introduction to probability which will develop a mathematical theory and technique to aid in decision making. Students registering for this class are required to pay university tuition to earn four semester credits at Minot State University. Students must apply for admission to MSU. **(Prerequisite: College Algebra 103)**

### 1113 Pre-Calculus 107

1 Credit

 (Optional Dual Credit)

 Open to Grade 11, 12

This course consists of a review of selective topics in algebra, graphing and functions, trigonometry, trigonometric functions and solving triangles. Also included are conic sections, standard forms, polar-coordinates and introduction to parametric equations. If choosing the dual credit option, students are required to pay university tuition to earn four semester credits at Minot State University. These students must apply for admission to MSU. Applications for admission are available in the counseling office. **(Prerequisite: Advanced Math)** (If choosing the dual credit option, a 25 on the math portion of ACT or qualifying ACCUPLACER/college placement score, and have a 3.0 cumulative GPA.) (Also, see Dual Credit Courses under registration information at the beginning of this guide.)

### 1114 AP Calculus Prep



1 Credit

  Open to Grades 11, 12

Calculus Prep is an accelerated course designed to prepare students for Advanced Placement Calculus. The topics studied include functions of many kinds, coordinate systems, logic, sequences, recursion, induction, vectors, limits, an introduction to basic calculus ideas and other topics. This course is designed for the academically aggressive student. It is expected that students have a calculator with graphing capability. **(Prerequisite: Advanced Algebra II)**

### 1115 AP Calculus

1 Credit

  Open to Grades 11, 12

This accelerated course is designed for the academically aggressive student who has a thorough knowledge of pre-calculus topics, including algebra, geometry, trigonometry and analytic geometry (rectangular and polar graphs, equations, graphs, lines, conic sections and elementary functions.) In addition to an initial review of these topics, the concepts of limits, continuity, differentiation and integration will be thoroughly explored to prepare the student for optional National Advanced Placement (AP) testing (AB Test.) It is recommended that students have a calculator with graphing capability. These will be utilized throughout the course to supplement and enhance the basic understanding of calculus topics. A fee is required to take the exam. **(Prerequisite: AP Calculus Prep)**

### **1116 Advanced Geometry**

**1 Credit**



**Open to Grades 9, 10**

This course is designated to be a college preparatory course for students considering a degree in a mathematics related field. This course covers the same topics as geometry with more advanced problems and is more in-depth. Topics are covered at a considerably faster pace and intensive problem solving is required of the students. (Prerequisite: Algebra I taken in Grade 8 with a "B" or better is recommended)

### **1123 Informal Geometry**

**1 Credit**

**Open to Grades 10, 11, 12**

This course emphasizes a practical approach to geometry study and deemphasizes an abstract, formal approach. Topics typically include properties of, and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles. Note: this course is not recommended for students planning on attending a four-year institution. (Prerequisite: Algebra I)

# Music

The Music Department of MHS/MNHS offers a well-integrated program. The philosophy of the department embraces the idea that performance is necessary but must be reinforced with a strong academic background. Tryouts for some performance groups are required prior to registration. **All school-owned instruments may be rented at \$40 yearly for percussion and \$75 for all other instruments.** Students are responsible for maintenance and upkeep.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1200	Grade 9 Band	1	X			
1204	Grade 10–12 Band	1		X	X	X
1203	Grade 9 and 10 Jazz Band **	1	X	X		
1208	Grade 11 and 12 Jazz Band **	1			X	X
1206	String Orchestra	1	X	X	X	X
1209	9th Grade Treble Prep Choir	1	X			
1215	Women's Ensemble *	1		X	X	X
1211	9th Grade Concert Choir	1	X			
1212	Symphonic Choir	1		X	X	X
1213	A-capella Jazz/Pop Choir @	1		X	X	X
1214	Music Theory	1		X	X	X
* = Course has a prerequisite (check course description)						
@ = Membership attained by audition						
** = Class has a corequisite (must take another designated course at the same time)						

## 1200 Grade 9 Band

**1 Credit**

### Open to Grade 9

This course is designed for ninth graders. Students perform all types of band literature including overtures, classical transcriptions, marches, popular songs and folk tunes. Through the use of challenging music, skills are developed to allow the student to successfully succeed in the more advanced level groups. Additional experience is available through participation in solos, ensembles, sectional, Jazz Ensemble, clinics and festivals. As an integral part of the class, students perform in several concerts, home games and parades.

## 1203 Grade 9 and 10 Jazz Band

**1 Credit**

### Open to Grades 9, 10

This course is designed to be a group of 15–22 auditioned instrumentalists interested in a jazz ensemble experience. Membership is attained by audition only. Students will be introduced to a variety of jazz styles and the concept of improvisation. This group will participate in school and community functions as well as area festivals. **(Corequisite: Students must be also enrolled in Grade 9 Band or Grade 10–12 Band.)**

### **1204 Grade 10–12 Band**

**1 Credit**

**Open to Grades 10, 11, 12**

This course is designed for instrumentalists. Through the performance of challenging, quality music of varied styles, members continue to develop performance skills and sensitivity to musical style. Members of this band perform at many of the home games as well as other school and community activities. All members of the Grade 10–12 Band are strongly encouraged to participate in an ensemble or prepare a solo during the year. Students in this band are eligible for solo and ensemble contests, and participation in the ND All–State Band and other festivals and clinics.

### **1206 String Orchestra**

**1 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed as a string orchestra for students in grades 9–12 with previous playing experience on violin, viola, cello, or bass. The orchestra performs several concerts during the school year. Students enrolled in this orchestra are eligible to participate in the 18th Century Ensemble, State Orchestra Festival, and solo and ensemble contests. Students are also eligible to audition for ND All State Orchestra and other honor orchestra festivals.

### **1208 Grade 11 and 12 Jazz Band**

**1 Credit**

**Open to Grades 11, 12**

This course is designed for the advanced jazz musician and includes a study in improvisation and jazz literature. This group will participate in school and community functions, as well as area festivals. **(Corequisite: Students must be also enrolled in Grade 10–12 Band.)**

### **1209 9th Grade Treble Prep Choir (Female Group)**

**1 Credit**

**Open to Grade 9**

This course is designed to develop correct vocal techniques, confidence and appreciation for choral music. This group will strive to gain an understanding of musical styles and general musical concepts. The choir performs for numerous audiences throughout the year. Magi Voices will prepare singers for Women's Ensemble and Symphonic Choir. Singers in this choir are eligible for solo and ensemble contests, and participation in the ND All State Choirs and other festivals and clinics.

### **1211 9th Grade Concert Choir**

**1 Credit**

**Open to Grade 9**

This course is designed to be a balanced mixed choir. The singers will be dedicated to develop precise vocal techniques, intonation blend and musical excellence. The choir performs for numerous audiences throughout the year. The 9th Grade Concert Choir will prepare singers for the Symphonic Choir. Singers in this choir are eligible for solo and ensemble contests, and participation in the ND All State Choirs and other festivals and clinics.

### **1212 Symphonic Choir**

**1 Credit**

**Open to Grades 10, 11, 12**

This course is designed to develop correct vocal techniques, confidence, appreciation and a deep love for music and other art forms, as well as to improve and maintain basic musicianship. The Symphonic Choir is open to students who show a real promise in creating an organization dedicated to excellence in choral music performance. The choir performs for numerous audiences throughout the year and has made frequent extended tours. Singers in this choir are eligible for participation in solo ensemble contests as well as the ND All State Choirs and other festivals and clinics.

### **1213 A-cappella Jazz/Pop Choir**

**1 Credit**

**Open to Grades 10, 11, 12**

This course is designed to be a group of 15–18 auditioned singers from the Symphonic Choir or Women's Ensemble, dedicated to the art of blend, intonation and precision in the small ensemble setting. The group participates at school functions, community service clubs, banquets and area vocal jazz festivals. There is also ample opportunity for study in the theory and history of ensemble singing, as well as individual solo and jazz improvisational techniques. The repertoire includes the finest in rock ballads, vocal jazz charts and a cappella pop. **Membership is attained by audition only.**

### **1214 Music Theory**

**1 Credit**

**Open to Grades 10, 11, 12**

This course is designed as an in-depth study of the fundamental elements of music: pitch, rhythm, melody, harmony and form. It will prepare students in the areas of music theory, analysis, and ear training. College-bound music students are urged to take this course. **Membership in a performing ensemble is encouraged.**

### **1215 Women's Ensemble**

**1 Credit**

**Open to Grades 10, 11, 12**

This course is dedicated to the continuing development of vocal techniques, confidence and appreciation of choral music. This ensemble performs for numerous audiences throughout the year. Singers in this ensemble are eligible for solo and ensemble contests, and participation in the ND All State Choirs and other festivals and clinics. **(Prerequisite: 9th Grade Concert Choir or 9th Grade Treble Prep Choir)**



# Physical Education and Health

*Physical Education: Two (2) credits must be earned. All 9th grade students must be enrolled in Grade 9 Health and either Grade 9 Physical Education or Grade 9 Lifetime Wellness. In addition, one elective credit must be earned.*

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1306	Grade 9 Health (REQUIRED) **	1/2	X			
1301	Grade 9 Physical Education **	1/2	X			
1392	Grade 9 Lifetime Wellness **	1/2	X			
1303	Adapted/Unified Physical Education	1/2	X (adapted only)	X	X	X
1307	Yoga/Muscle Pump	1/4		X	X	X
1314	Team Sports	1/4		X	X	X
1349	Racquet Sports/Volleyball	1/4		X	X	X
1361	Flag Football/Basketball	1/4		X	X	X
1371	Water Activities	1/4		X	X	X
1372	Weight Training	1/4		X	X	X
1391	Volleyball/Yoga	1/4		X	X	X
1393	Walking for Fitness	1/4		X	X	X
1394	Yoga	1/4		X	X	X
1395	Officiating	1/4		X	X	X
** = Class has a corequisite (must take another designated course at the same time)						

## **1301 Grade 9 Physical Education**

**1/2 Credit**

**Open to Grade 9**

This course is designed to provide physical activity utilizing a variety of fitness activities, individual sports and team sports. (Corequisite: Must be enrolled in Grade 9 Health)

## **1303 Adapted/Unified Physical Education**

**1/2 Credit**

**Open to Grades 9–12 Adapted, 10–12 Unified**

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

## **1306 Grade 9 Health**

**1/2 Credit**

**Open to Grade 9 (required)**

This course teaches students how to live a healthy lifestyle by recognizing potential risks and accepting personal responsibility for their own health. (Corequisite: Must be enrolled in Grade 9 Physical Education or Grade 9 Lifetime Wellness)

## **1307 Yoga/Muscle Pump**

**1/4 Credit**

**Open to Grades 10, 11, 12**

This class is 9 weeks of yoga and 9 weeks of muscle pump. Muscle pump is a group fitness weight lifting class.

### **1314 Team Sports**

**1/4 Credit**

Open to Grades 10, 11, 12

This course is designed to provide physical activity through team sports in a variety of units. Examples of units would be basketball, football, volleyball, or soccer.

### **1349 Racquet Sports/Volleyball**

**1/4 Credit**

Open to Grades 10, 11, 12

This course will be 9 weeks of racket sports and 9 weeks of volleyball. Examples of racket sports are pickleball or badminton.

### **1361 Flag Football/Basketball**

**1/4 Credit**

Open to Grades 10, 11, 12

This course is designed to teach the rules and basic skills of flag football and basketball. Teams will be organized for competition.

### **1371 Water Activities**

**1/4 Credit**

Open to Grades 10, 11, 12

This course is designed for students who consider themselves proficient swimmers. Activities will include games played in the pool such as water basketball, football, volleyball, etc.

### **1372 Weight Training**

**1/4 Credit**

Open to Grades 10, 11, 12

Students will be guided to perform lifting of free weights, weight training machines, and the use of auxiliary fitness equipment.

### **1391 Volleyball/Yoga**

**1/4 Credit**

Open to Grades 10, 11, 12

This class is 9 weeks of yoga and 9 weeks of volleyball.

### **1392 Grade 9 Lifetime Wellness**

**1/2 Credit**

Open to Grade 9

This course will provide an introduction to individualized physical activity, goal setting, and implementation which will address the dimensions of wellness and overall positive self-image. The activities performed in this class will be lower impact with emphasis on fitness rather than competitiveness. **(Corequisite: Must be enrolled in Grade 9 Health)**

### **1393 Walking for Fitness**

**1/4 Credit**

Open to Grades 10, 11, 12

This course is designed to provide students with a fitness foundation through the means of walking. Students will learn to use technology to track their fitness goals for maintaining a healthy lifestyle.

### **1394 Yoga**

**1/4 Credit**

Open to Grades 10, 11, 12

Linking your breath and movement energizes your mind, body and spirit while creating a moving meditation in a relaxed and welcoming environment.

### **1395 Officiating**

**1/4 Credit**

Open to Grades 10, 11, 12

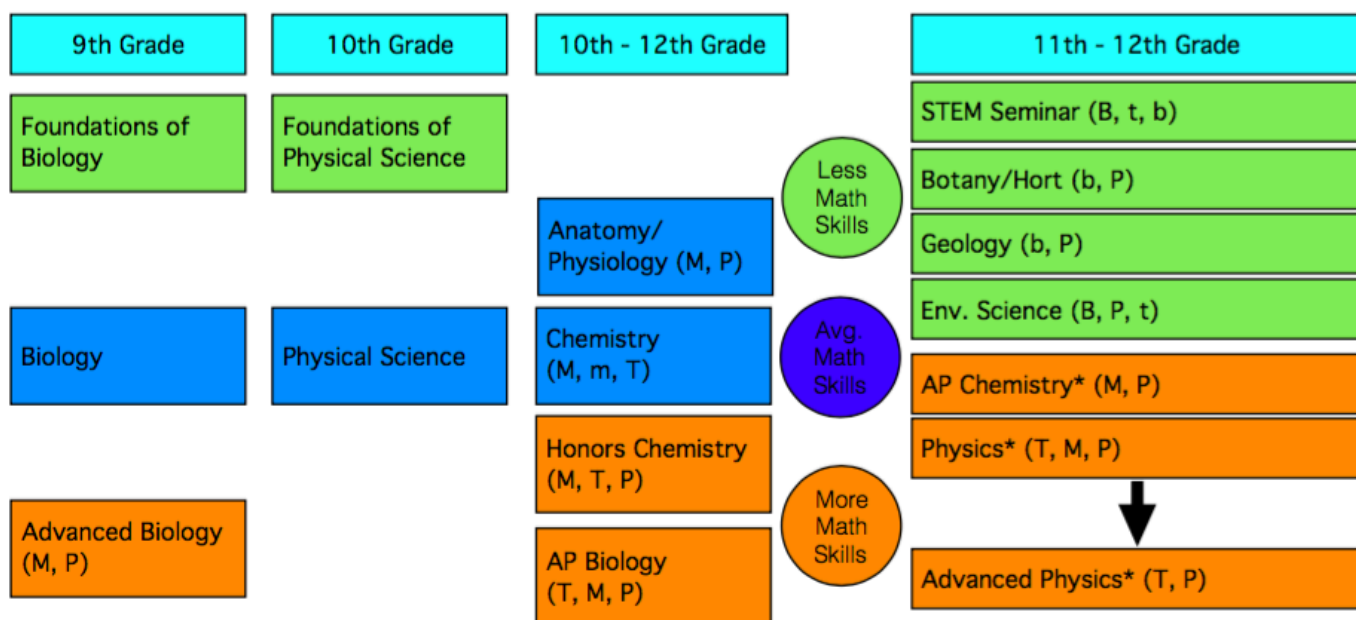
In this course, we will cover the introductory skills and concepts you have used or will need to learn as an official and participate in team sports. We will cover officiating basics, the science behind good officiating, the art of officiating, and how you can combine these skills into a satisfying vocation. The team sports that will be covered will be baseball, softball, basketball, volleyball, soccer, and football.

# Science

A minimum of three credits of science are required for graduation to include:

- 1 credit Biology or Advanced Biology
- 1 credit Physical Science, or 1 credit Chemistry with 1 credit Physics
- Plus 1 more credit (if necessary) to reach a total of 3 credits. Students are encouraged to visit with their science teachers and counselors for specific recommendations.

**Due to a realignment in science course sequencing, all freshmen and sophomores will be assigned to Biology for the 2024–2025 school year.**



## Career Field Recommendations:

- (M) medical doctors, imaging/lab techs
- (m) nurses, cna
- (T) technical engineers, scientists
- (t) welders, mechanics, electricians, plumbers, equipment operators
- (B) business/policy makers, chefs
- (b) cook, retail, cosmetologist, construction
- (P) professors, scientists, teachers, special curiosity in topic

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1400S1	Physical Science I	1/2		X		
1400S2	Physical Science II	1/2		X		
1610S1	Foundations of Physical Science I	1/2		X		
1610S2	Foundations of Physical Science II	1/2		X		
1402	STEM Seminar	1			X	X
1404S1	Biology I	1/2	X			
1404S2	Biology II	1/2	X			
1405	Advanced Biology I	1	X			
1423	AP Biology *	1		X	X	X
1611S1	Foundations of Biology I	1/2	X			
1611S2	Foundations of Biology II	1/2	X			
1406	Chemistry *	1		X	X	X
1422	AP Chemistry *	1		X	X	X
1407	Physics *	1		X	X	X
1414	Advanced Physics: Waves, Sound, Light and Color *	1/2			X	X
1415	Advanced Physics: Electricity and Magnetism *	1/2			X	X
1409	Human Anatomy and Physiology *	1			X	X
1410	Environmental Science	1/2			X	X
1411	Geology	1/2			X	X
0107	Botany/Horticulture Science I	1/2		X	X	X

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

## 0107 Botany/Horticulture Science I

**1/2 Credit**

Open to Grades 10, 11, 12

This course prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation structures while working in an operational greenhouse. Students will examine the importance of plant cell structures, functions of cells, plant processes, roots, stems, leaves, flowers, and reproduction of plants. Additional topics to be covered include soils, plant identification, pest and pest control, biotechnology, hydroponics, and an introduction to landscaping.

## 1400S1 Physical Science I

**1/2 Credit**



Open to Grade 10

This course is designed as an introduction to the concepts of chemistry. The course topics include measurement, engineering and technology, the science laboratory, the atom and its behavior, trends of the periodic table, chemical reactions, and a practical application of chemistry.

## 1400S2 Physical Science II

**1/2 Credit**



Open to Grade 10

This course is designed as an introduction to the concepts of physics. Course topics include measurement, engineering and technology, motion and forces, energy and waves.

## **1402 STEM Seminar**

**1 Credit**

**Open to Grades 11, 12**

The study of Science, Technology, and Engineering unveils the reasons behind everyday processes. From the mechanics of lifting heavy objects safely and how to throw a ball faster; to the chemistry of nutrition and detergents; to practicing the science and basic math topics that students will need beyond graduation; to topics within life and physical sciences. Our labs/demonstrations will include the study of motion, forensic science, factors influencing fire and explosions, and the techniques of lab inquiry. This class will be very helpful for students who only plan to take one more credit of science after their sophomore year and want a broad foundation in science, but don't plan to specialize in science or engineering.

## **1404S1 Biology I**

**1/2 Credit**



**Open to Grade 9**

This is a required course in life science. Students will utilize and apply scientific inquiry, ecology, cells and cellular processes. Hands-on scientific investigation, multimedia presentations, journal writing, addressing global scientific issues, and outdoor field experiences are used to present this course.

## **1404S2 Biology II**

**1/2 Credit**



**Open to Grade 9**

This is a required course in life science. Students will investigate genetics, evolution, and human body systems. Hands-on scientific investigation, multimedia presentations, journal writing, addressing global scientific issues, and outdoor field experiences are used to present this course.

## **1405 Advanced Biology I**

**1 Credit**



**Open to Grade 9**

Advanced Biology is a rigorous year-long laboratory course designed for 9th grade students. The course is an accelerated college preparatory biology course designed for highly motivated students who are considering a science major. College Readiness Standards for Life Science/Biology from ACT will be addressed. Writing, critical-thinking, technology and individual research skills will be emphasized.

## **1406 Chemistry**

**1 Credit**



**Open to Grades 10, 11, 12**

This course is designed for students wishing for a general background in chemistry. Topics covered will be matter and its properties, measurements and the scientific method, atomic structure, the quantum model of the atom, the periodic law, chemical bonding, chemical formulas and compounds, chemical equations and reactions, stoichiometry and additional topics as time allows. The course will be taught using lecture, demonstrations, discussions, audiovisuals, computer simulations, lab work and projects. **(Prerequisites: Grade 10 - Physical Science and concurrent enrollment in Geometry or above. Grades 11 and 12 - Physical Science and concurrent enrollment in Algebra II or above recommended.)**

## **1407 Physics**

**1 Credit**



**Open to Grades 10, 11, 12**

This course is designed for students wishing to have a general background in physics. Topics covered will be matter and energy relationships, the scientific method, concepts of measurement and vectors, forces, energy, motion, Newton's Laws, machines, atomic physics-radioactivity and introductory wave theory. The course will be taught using lecture, demonstrations, discussions, audiovisuals, computer simulations and lab work. **(Prerequisite: Completed Geometry)**

## **1409 Human Anatomy and Physiology**

**1 Credit**



**Open to Grades 11, 12**

This will be a year long course that will provide students the opportunity to master the relationships between structure and function in the human body. While not conceptually difficult, students will be exposed to a level of rigor and relevance to prepare them for beginning university level courses in the medical and human health related fields. This course is designed not only for the motivated, academically successful students interested in careers in medicine, biology, and health related fields, but also those students interested in learning more about their own bodies. Lab activities, including dissections, will reinforce concepts and principles presented in class.

**(Prerequisite: Biology I and Biology II)**

## **1410 Environmental Science**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed to study plants and animals in relation to their environment. This course should be strongly considered by those individuals going into ecology, conservation, resource management, biological sciences and by all people in general who appreciate nature and want to know more about how it functions. The course consists of lectures and discussions, field trips in the immediate areas, laboratory experimentation and relevant audio-visual materials. The course covers two units, freshwater ecology and terrestrial ecology.

## **1411 Geology**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed to provide students with a background in the skills needed to intelligently appreciate the landforms and natural formations of our planet. The topics that are featured in the curriculum are mineral identification with a great supply of hand specimens, and generating supportable hypotheses about the origin of specific rock samples with respect to the rock cycle. Other topics discussed are plate tectonics, volcanoes, earthquakes, geography of Earth's major physical features, weathering and erosion, topographic landforms, glaciology, magnetism, solar energy/meteorology, pedagogy (soil science) and basic astronomy.

## **1414 Advanced Physics: Waves, Sound, and Light and Color**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed for students wishing to fulfill the requirements of a lab course for college or university entrance and who desire a more complete exposure to certain topics not covered in the physics program. The course will cover waves, sound, light, reflection, refraction, color theory and diffraction. The course will be taught using lecture, demonstrations, discussions, audiovisuals, computer simulations and lab work. **(Prerequisite: Physics and finished or currently enrolled in Algebra II)**

## **1415 Advanced Physics: Electricity and Magnetism**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed for students wishing to fulfill the requirements of a lab course for college or university entrance and who desire a more complete exposure to certain topics not covered in the physics program. This course will cover electromagnetic waves, electrostatics, DC circuits, electrical energy effects, magnetic effects and AC circuits, if time permits. The course will be taught using lecture, demonstrations, discussions, audiovisuals, computer simulations and lab work. **(Prerequisite: Physics and finished or currently enrolled in Algebra II)**

## **1422 AP Chemistry**

**1 Credit**



**Open to Grades 10, 11, 12**

This class is designed to meet the requirements of Advanced Placement Chemistry. A general Chemistry college text is used. Topics covered include atomic structures and properties, molecular and ionic compound structure and properties, intermolecular forces and properties, chemical reactions, kinetics, thermodynamics, equilibrium, acids and bases, and the applications of thermodynamics. Students are expected to spend a minimum of one hour per day reading the chapters, doing problems, and completing labs as homework. Lab work is an integral part of the course. Students must be strong in mathematics, having taken Algebra II or Advanced Algebra II and be currently enrolled in a higher math class. Students should take the National AP Exam at the end of the class. A fee is required to take this exam. **(Prerequisites: One year of chemistry which has covered topics of atomic structure, electron configurations, stoichiometry, and periodic trends; finished or currently enrolled in Algebra II)**

## **1423 AP Biology**

**1 Credit**

 **Open to Grades 10, 11, 12**

AP Biology is a year long college level laboratory course designed for highly motivated students who are considering a college science major at the post-secondary level. This course includes an emphasis on cellular and molecular biology. Topics covered include the cells, genetics, microbiology, ecological relationships, evolution, energetics, information storage and transfer, and systems interactions. There is a variety of lab work. The national AP exam will be administered in May and a fee is required to take this exam. Technical writing, critical thinking, and individual research skills are emphasized. **(Prerequisite: Completion of Biology or Advanced Biology I)**

## **1610S1 Foundations of Physical Science I**

**1/2 Credit**

**Open to Grade 10**

This course is designed as an introduction to the concepts of chemistry in a format modified to accommodate lower reading levels and learning differences. The course topics include measurement, the science laboratory, the atom and its behavior, trends of the periodic table, chemical reactions, and a practical application of chemistry.

## **1610S2 Foundations of Physical Science II**

**1/2 Credit**

**Open to Grade 10**

This course is designed as an introduction to the concepts of physics in a format modified to accommodate lower reading levels and learning differences. Course topics include measurement, motion and forces, energy and waves.

## **1611S1 Foundations of Biology I**

**1/2 Credit**

**Open to Grade 9**

This is a modified course in life science. Students will utilize and apply scientific inquiry, ecology, cells and cellular processes. Hands-on scientific investigation, multimedia presentations, journal writing, addressing global scientific issues, and outdoor field experiences are used to present this course.

## **1611S2 Foundations of Biology II**

**1/2 Credit**

**Open to Grade 9**

This is a modified course in life science. Students will investigate genetics, evolution, and human body systems. Hands-on scientific investigation, multimedia presentations, journal writing, addressing global scientific issues, and outdoor field experiences are used to present this course.

# Social Studies

*Students are required to have three credits of social studies to graduate from MHS/MNHS. These requirements are as follows:*

- 1 Credit of World History
- 1/2 Credit of American Government

- 1 Credit of U.S. History
- 1/2 Credit of Economics

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1502S1	World History I	1/2		X	X	X
1502S2	World History II	1/2		X	X	X
1516	AP World History	1		X		
1500S2	US History II	1/2			X	X
1500S1	US History I	1/2			X	X
1513	AP US History	1			X	X
1504	American Government	1/2			X	X
1514	AP American Government and Politics	1			X	X
1505	Economics	1/2			X	X
1506	Sociology	1/2			X	X
1507	Psychology	1/2			X	X
1508	Criminal Law	1/2			X	X
1511	Dual Credit Psychology ^	1/2			X	X
1515	Current Events	1/2	X	X	X	X
1518	North Dakota NOW!	1/2	X	X	X	X

^ = Dual Credit Option

## 1500S1 U. S. History I

**1/2 Credit**



Open to Grades 11, 12

This course is designed to provide an opportunity for students to appreciate the growth of America through the sequential study of the country's development. Students learn the origin and growth of democracy in the United States. U.S. History I covers the period from the Manifest Destiny of the 1830s' through 1914. Current events will be integrated into class activities.

## 1500S2 U. S. History II

**1/2 Credit**



Open to Grades 11, 12

This course is designed as a continuation of U.S. History I and covers the period from pre-World War I to the present time. Students study world problems that affected the United States and this country's reactions and actions. Current events will be integrated into class activities.

## 1502S1 World History I

**1/2 Credit**



Open to Grade 10, 11, 12

This course begins with the ideas, events and global impacts of the Renaissance and Reformation. The semester ends with the changes that took place around the globe just prior to the Great War (World War I.)



## **1502S2 World History II**

**1/2 Credit**



**Open to Grade 10, 11, 12**

This course is a continuation of World History I through present times. Topics include both world wars, the global depression, the cold war and nation building in Asia and Africa.

## **1504 American Government**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed to provide a clear understanding of the basic concepts of democracy, constitutional requirements and the American political process, with emphasis on the structure and functions of the Federal government. The course also focuses on those major political problems arising in our democratic system.

## **1505 Economics**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed to provide an understanding of our economic system and its various components. It provides students with practical experiences and simulations in personal finance as they relate to the American capitalist system.

## **1506 Sociology**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed as a first exposure to systematic sociology. It is an analysis of the “why” of society. The basics are stressed and concepts, definitions of terms and the principles of scientific social inquiry are given prime attention. It deals with cultural, personality and social systems and special social problems.

## **1507 Psychology**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed as an overview of the various areas of psychological study, taking in a broad cross section of psychological knowledge that is relevant and meaningful to a high school student. The purpose is to help students develop skills in understanding themselves as related to personal, social, educational and vocational problems. The course moves rapidly through the area of psychology and gives the student a sampling of what psychology is all about.

## **1508 Criminal Law**

**1/2 Credit**



**Open to Grades 11, 12**

This course is designed to introduce and provide an understanding of civil and criminal law to students as it applies to them as citizens of North Dakota and the United States. The emphasis is on state and federal law, law enforcement, courts and corrections.

## **1511 Dual Credit Psychology**

**1/2 Credit**



**Dual Credit**





**Open to Grades 11, 12**

Dual Credit Psychology is an elective course that aims to give students an understanding of mental processes and how they relate to human behavior. The class will cover several important aspects such as history of psychology, development of normal and abnormal behavior, learning, biopsychology, development, memory, personality, cognition, therapy, and social psychology.

### **1513 AP U. S. History**



**1 Credit**

  **Open to Grades 11, 12**

This accelerated course is designed for the academically aggressive student to complete the equivalency of one semester college course in U.S. History. The course is designed to provide students with the skills and knowledge to deal critically with problems and materials of United States History. Students will learn to assess historical materials and weigh the evidence and interpretations presented in a historical manner. Students will develop skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. An objective of the course is to prepare students to take the AP examination in U.S. History. **A fee is required to take this test.**

### **1514 AP American Government and Politics**


**1 Credit**

  **Open to Grades 11, 12**

This accelerated course is designed for the ambitious student who wishes to complete studies in a high school equivalency to a one-semester college introductory course in United States Government and Politics. Students will study general concepts of the constitution, political campaigns, voting behaviors, political parties, interest groups and the influence of mass media on the political process. Students will become familiar with the major political institutions in the United States, including the Congress, the Presidency and the bureaucracy. The Supreme Court and some of its significant decisions will be analyzed. An objective of this course is to prepare students to take the AP examination in American Government and Politics. **A fee is required to take this exam.**

### **1515 Current Events**

**1/2 Credit**

 **Open to Grade 9, 10, 11, 12**

This course will study current events at all levels including local, state, national and international. Newspapers, magazines, television and the Internet will be utilized to study relevant current events.

### **1516 AP World History**

**1 Credit**

  **Open to Grade 10**

This accelerated course is designed for the academically aggressive student to complete the equivalency of one semester college credit in World History. The course is designed to provide students with the skills and knowledge to deal critically with problems and materials in World History. Students will learn to assess historical materials and weigh the evidence and interpretations presented in a historical manner. Students will develop skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. An objective of the course is to prepare students to take the AP examination in World History. **A fee is required to take this exam.**

### **1518 North Dakota NOW!**

**1/2 Credit**

 **Open to Grades 9, 10, 11, 12**

North Dakota is now playing an important part in the global economy. Discover the job experiences and educational opportunities available in North Dakota. Discover how the history and ethnic make-up of the people of the state influence the personality of North Dakota. Field trips will be an important part of this experience.

# Special Services

*The Special Education program is designed to prepare students to be contributing members of society and the vocational world. Instruction should be based on age-appropriate functional activities in the transition domains of jobs and job training, recreation and leisure, home and independent living, community participation and post-secondary training/learning opportunities. The resource rooms are designed for the purpose of educating students whose educational needs are diverse and may be different in part from most of their peers. The program should provide a background to enable the students to adjust and adapt to major changes in society and be able to cope successfully with the challenge of change in their own personal lives. Each student must have a current Individualized Education Plan (IEP) and an assigned case manager to access these services. The case manager works with the student, family and other educators to develop and institute appropriate yearly planning.*

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1612S1	Transition	1/2	<p><b>The case manager works with the student, family and other educators to develop and institute appropriate yearly planning.</b></p>			
1612S2	Transition	1/2				
1607	Work Study	1/2 - 5				
1631	Applied Topics in Occupational Education I	1				
1632	Applied Topics in Occupational Education II	1				
1633	Applied Topics in Occupational Education III	1				
1651	Applied Topics in Occupational Education IV	1				
1652	Applied Topics in Occupational Education V	1				
1634	Applied Topics in Health I	1				
1635	Applied Topics in Health II	1				
1636	Applied Topics in Health III	1				
1692	Applied Topics in Health IV	1				
1693	Applied Topics in Health V	1				
1637	Applied Topics in Daily Living I	1				
1638	Applied Topics in Daily Living II	1				
1639	Applied Topics in Daily Living III	1				
1694	Applied Topics in Daily Living IV	1				
1695	Applied Topics in Daily Living V	1				
1664	Applied Topics in Science I	1				
1665	Applied Topics in Science II	1				
1666	Applied Topics in Science III	1				
1697	Applied Topics in Science IV	1				
1698	Applied Topics in Science V	1				
1640	Applied Topics in Social Studies I	1				

1641	Applied Topics in Social Studies II	1
1642	Applied Topics in Social Studies III	1
1690	Applied Topics in Social Studies IV	1
1691	Applied Topics in Social Studies V	1
1643	Applied Topics in Accessing the Community I	1
1644	Applied Topics in Accessing the Community II	1
1645	Applied Topics in Accessing the Community III	1
1646	Applied Topics in English/Language I	1
1647	Applied Topics in English/Language II	1
1648	Applied Topics in English/Language III	1
1649	Applied Topics in English/Language IV	1
1650	Applied Topics in English/Language V	1
1667	Applied Topics in Math I	1
1668	Applied Topics in Math II	1
1669	Applied Topics in Math III	1
1670	Applied Topics in Math IV	1
1671	Applied Topics in Math V	1
1680	Applied Topics in Recreation/Leisure I	1
1681	Applied Topics in Recreation/Leisure II	1
1682	Applied Topics in Recreation/Leisure III	1
1606	Art Fundamentals	1/2
1626	Independent Living Skills	1/2 - 1
1628	Introduction to Technology	1/2 - 1

### **1606 Art Fundamentals**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Students will get hands-on art and craft experience. High interest and quick projects are designed to fit various abilities. Students use a wide range of mediums, such as paint, clay, yarn, markers, color pencils, specialty paper, stamping, and more.

### **1607 Work Study**

**1/2-5 Credits**

**Open to grades 9, 10, 11, 12**

This course is designed for students to be involved in a work experience program at least part-time during the school day. Credit is given for successfully learning occupational skills. The amount of credit depends on the number of hours each day. Job sites are based on previous working experiences within the school and community.

## **1612 Transition Strategies Instruction**

**Up to 1 Credit Per Year**

**Open to grades 9, 10, 11, 12**

Transition Strategies Instruction is designed to provide individualized instruction for students in a special services program. Student goals will be determined by the Individualized Education Plan (IEP.) This course emphasizes transition planning to help students bridge the gap between high school and post-secondary life. Life skills such as self-advocacy, attendance, punctuality, organization, responsibility, attitude, behavior management and effort will be reinforced. Instruction is provided using a variety of strategies to promote skills such as time management, goal-setting, self-monitoring, note-taking, test-taking, textbook usage and editing. Transition class offers a supportive environment where students can develop intellectual, academic, communicative, social, emotional, and civic life skills. Participation in group strategy instruction is required for credit.

## **1626 Independent Living Skills**

**1/2-1 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to assist students in preparing for living on their own. It covers topics such as personal appearance and habits, nutrition and basic food preparation, house cleaning skills and apartment living. Also stressed are interpersonal relationships and social and peer pressures and how to cope with them.

## **1628 Introduction to Technology**

**1/2-1 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to assist students in learning to maintain and make simple routine repairs in and around their apartment or home.

## **1631 Applied Topics in Occupational Education I**

**1 Credit**

An introductory course designed to teach life skills in the vocational domain impacting daily living, occupational guidance and preparation.

## **1632 Applied Topics in Occupational Education II**

**1 Credit**

This course provides expanded student studies and/or increased independence in the application and demonstration of managing personal finances, consumer purchasing, appropriate work habits and behaviors, seeking/maintaining employment, knowledge and exploration of occupational choices and obtaining specific occupational skills.

## **1633 Applied Topics in Occupational Education III**

**1 Credit**

The course provides illustration and/or maintenance of semi-independence in the following: managing personal finances, consumer purchasing, appropriate work habits and behaviors; maintaining employment; knowledge of occupational choices; and sustaining specific occupational skills.

## **1651 Applied Topics in Occupational Education IV**

**1 Credit**

This course provides expanded student studies and increased independence in the demonstration and application of appropriate work habits and behaviors, seeking/maintaining employment, knowledge and exploration of occupational choices and obtaining specific occupational skills.

## **1652 Applied Topics in Occupational Education V**

**1 Credit**

This course provides application and/or maintenance of independent appropriate work habits and behaviors, maintaining employment, knowledge of occupational choices, and sustaining specific occupational skills.

## **1634 Applied Topics in Health I**

**1 Credit**

This is an introductory course designed to teach life skills in the health domain, impacting daily living skills (caring for personal needs) and personal-social skills (achieving self-awareness.)

**1635 Applied Topics in Health II****1 Credit**

This course expands student studies and/or increased independence in the application and demonstration of daily living skills (caring for personal needs) and personal social skills (achieving self-awareness.)

**1636 Applied Topics in Health III****1 Credit**

The course provides illustration and/or maintenance of semi-independence in daily living skills (caring for personal needs) and in personal-social skills (achieving self-awareness.) It demonstrates increased competencies in personal-social skills (achieving self-awareness.) Students will maintain independence of physical and psychological needs, identify personal interests, abilities and emotions, and demonstrate knowledge of physical self.

**1692 Applied Topics in Health IV****1 Credit**

This course provides for expanded student studies and/or increased independence in demonstration and application of daily living skills (caring for personal needs.) Students will dress appropriately, practice personal safety, proper grooming and hygiene, have knowledge of and reaction to common illnesses, and know about the prevention and treatment of common illnesses.

**1693 Applied Topics in Health V****1 Credit**

This course will focus on increased competencies in personal-social skills (achieving self-awareness.) Students will maintain independence of physical and psychological needs, identify personal interests, abilities and emotions, and demonstrate knowledge of physical self.

**1637 Applied Topics in Daily Living I****1 Credit**

This course will introduce students to the skills involved with selecting and managing a household.

**1638 Applied Topics in Daily Living II****1 Credit**

This course is designed to teach students to apply community-based competencies in daily living and using personal and social skills. The goals of the course are to expand student studies and/or increase independence.

**1639 Applied Topics in Daily Living III****1 Credit**

This course is designed to teach students to apply community-based competencies in daily living and using personal and social skills. The goals of the course involve illustration and/or maintenance of semi-independence.

**1694 Applied Topics in Daily Living IV****1 Credit**

This course is designed to expand student studies and/or increase independence in the demonstration and application of community-based competencies in daily living and personal-social skills.

**1695 Applied Topics in Daily Living V****1 Credit**

This course is designed to apply and maintain independent competencies in daily living and personal-social skills. The student will demonstrate self-awareness and socially responsible behavior, and exhibit appropriate interpersonal skills.

**1664 Applied Topics in Science I****1 Credit**

Open to grades 9, 10

This course is designed for students with special needs. It will cover areas such as the human body, plant life, water life and animals. Students will be given an overview of each of these areas to prepare them for state assessments.

**1665 Applied Topics in Science II****1 Credit**

Open to grades 9, 10

This course is designed for students with special needs. It will cover areas such as matter and motion, simple machines, heat, sound and electricity. Students will be given an overview of each of these areas to prepare them for state assessments.

**1666 Applied Topics in Science III****1 Credit****Open to grades 11, 12**

This course will expand basic knowledge in physical and biological sciences. Topics may include power and energy, chemical reactions as they relate to daily living, human body systems, nutrition, disease, environment, living and non-living things.

**1697 Applied Topics in Science IV****1 Credit****Open to grades 11, 12**

This course will focus on demonstration and application of physical and biological sciences. Topics may include power and energy, chemical reactions as they relate to daily living, human body systems, nutrition, disease, environment, living and non-living things.

**1698 Applied Topics in Science V****1 Credit****Open to grades 12**

This course is designed for application and maintenance of physical and biological sciences skills and knowledge. Topics may include power and energy, chemical reactions as they relate to daily living, human body systems, nutrition, disease, environment, living and non-living things.

**1640 Applied Topics in Social Studies I****1 Credit**

This is an introductory course designed to teach living skills (exhibiting responsible citizenship and movement within the community.)

**1641 Applied Topics in Social Studies II****1 Credit**

This course expands student studies and/or increased independence in the application and community participation in daily living skills (exhibiting responsible citizenship and movement within the community.)

**1642 Applied Topics in Social Studies III****1 Credit**

This course provides illustration and/or maintenance of semi-independence in daily living skills (exhibiting responsible citizenship and movement within the community.)

**1690 Applied Topics in Social Studies IV****1 Credit**

This course will apply skills learned as it relates to community participation in daily life skills such as civic and citizen responsibilities, personal-social skills, use of community resources and appropriate behavior in public, and the ability to follow the law and make informed decisions.

**1691 Applied Topics in Social Studies V****1 Credit**

This course will focus on the student's ability to generalize skills learned as they relate to community participation in daily life skills. This course will also focus on developing skills to make appropriate informed decisions and follow the law.

**1643 Applied Topics in Accessing the Community I****1 Credit**

This introductory course is designed to teach independence or semi-independence accessing community environments.

**1644 Applied Topics in Accessing the Community II****1 Credit**

This course expands student studies and/or increased independence accessing community environments.

**1645 Applied Topics in Accessing the Community III****1 Credit**

This course provides illustration and/or maintenance of semi-independence accessing community environments.

**1646 Applied Topics in English/Language I****1 Credit**

This introductory course is designed to teach life skills impacting personal–social skills (maintaining good interpersonal skills and communicating with others,) and to introduce competencies in occupational preparation.

**1647 Applied Topics in English/Language II****1 Credit**

This course expands student studies and/or increased independence in the application and demonstration of competencies in personal–social skills (maintaining good interpersonal skills and communicating with others,) and develops competencies in occupational preparation (filling out job applications, developing resumes, role–playing interviews, and identifying various careers of interest).

**1648 Applied Topics in English/Language III****1 Credit**

This course provides illustration and/or maintenance of semi–independence in personal–social skills (maintaining good interpersonal skills and communicating with others,) and illustrates and/or maintains occupational preparation (filling out job applications, developing resumes, role–playing interviews, and identifying various careers of interest, completing W–2 forms, taking mock phone messages, understanding the interview process, and developing soft skills to enhance communication).

**1649 Applied Topics in English/Language IV****1 Credit**

This course allows student to demonstrate and apply personal–social skills related to independent living and occupational preparation (filling out job applications, developing resumes, role–playing interviews, and identifying various careers of interest, completing W–2 forms, taking mock phone messages, understanding the interview process, and developing soft skills to enhance communication).

**1650 Applied Topics in English/Language V****1 Credit**

This course allows students to generalize and maintain personal–social skills related to independent living and occupational preparation.

**1667 Applied Topics in Math I****1 Credit**

This introductory course is designed to teach life skills in the math domain, which impact vocational, domestic living, leisure and recreational curricular areas.

**1668 Applied Topics in Math II****1 Credit**

This course expands student studies and/or increased independence in community participation competencies in the math domain, which impact vocational, domestic living, leisure and recreational curricular areas.

**1669 Applied Topics in Math III****1 Credit**

This course provides illustration and/or maintenance of semi–independence in community participation competencies in the math domain, which impact vocational, domestic living, leisure and recreational curricular areas. Focus on real world situations and activities, budgeting, counting money, learning about checking accounts and debit cards, reconciling a check/debit card register, and developing personal finance skills.

**1670 Applied Topics in Math IV****1 Credit**

This course provides increased independence and demonstration of mathematical competencies in the areas of vocational, domestic living, leisure and recreation. Focus on real world situations and activities, budgeting, counting money, learning about checking accounts and debit cards, reconciling a check/debit card register, and developing personal finance skills.

**1671 Applied Topics in Math V****1 Credit**

This course provides increased opportunities for generalization and maintenance of mathematical competencies in the areas of vocational, domestic living, leisure and recreation. Focus on real world situations and activities, budgeting, counting money, learning about checking accounts and debit cards, reconciling a check/debit card register, and developing personal finance skills.



**1680 Applied Topics in Recreation/Leisure I****1 Credit**

This introductory course is designed to teach daily living skills (utilizing recreational facilities and engaging in leisure, developing hobbies, and learning the importance of living a healthier life).

**1681 Applied Topics in Recreation/Leisure II****1 Credit**

This course expands student studies and/or increased independence of community participation in daily living skills (utilizing recreational facilities and engaging in leisure, developing hobbies, and learning the importance of living a healthier life).

**1682 Applied Topics in Recreation/Leisure III****1 Credit**

This course provides illustration and/or maintenance of semi-independence of community daily living skills (utilizing recreational facilities and engaging in leisure, developing hobbies, and learning the importance of living a healthier life).

## Student Success

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0946	School to Life: Skills for Success	1/2			X	X
0947	AVID	1	X	X	X	
0953	Peer to Peer Leadership I	1		X	X	X

**0946 School to Life: Skills for Success****1/2 Credit**

Open to Grades 11, 12

This is a course for building happier, effective lives and healthier school and workplace cultures. This course provides effective strategies and practices to develop potential, eliminate negativity, address challenges, and enhance the culture in schools, at home and in the workplace. The concepts help any student looking for better relationships and experiences in the classroom, with friends, and at home. The course includes: Cornerstones, Thinking: Self-Smart, Learning: School-Smart, Communicating: People-Smart, Putting it all together.

**0947 AVID****1 Credit****Advancement via Individual Determination**

Open to Grades 9, 10, 11

AVID is an elective course which provides students with an intensive preparation for higher education. AVID focuses on writing, inquiry, collaboration, organization, note taking, and goal setting to enhance skills in preparation for college. 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 are willing to learn new skills to reach their potential. **Enrollment in AVID requires an application, interview and contract.**

**0953 Peer to Peer Leadership I****1 Credit**

Open to Grades 10, 11, 12

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.

# Technology and Engineering Education

*Technology and Engineering Education is about technological literacy and innovation! Knowing how technology drives our lives and understanding how technology works is important. The fundamentals of Technology and Engineering Education are engineering, design and ingenuity. Every class incorporates hands-on learning with attachments to science, technology, engineering, and mathematics to provide real-life scenarios for learning. Use what you will learn here to prepare yourself for tomorrow! Another opportunity includes the Technology Student Association (TSA). Students can join this professional organization and compete with students all over the state and nation in technology and engineering events. Leadership opportunities abound in TSA as well as the chance to create friendships that last a lifetime.*

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1704	Energy and Transportation	1/2	X	X	X	X
1727	Principles of Engineering and Design	1/2		X	X	X
1729	How Stuff Works	1/2	X	X	X	X
1745	Construct It	1/2	X	X	X	X
1748	Advanced Engineering *	1			X	X
1773	Introduction to Robotics	1/2	X	X	X	X
1776	Gamers and Game Design	1/2	X	X	X	X
* = Course has a prerequisite (check course description)						

## **1704 Energy and Transportation**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to create real-life scenarios in order to introduce students to developing and applying technology. Students will apply the knowledge of science for the solution of problems. Learning activities include NASA explorer rocketry, airplane design and flight, marine engineering, CO<sub>2</sub> dragsters, and finally an introduction to renewable energy where students get to make hydrogen and use solar energy to cook food. Along with the learning activities students will use computer-aided design (CAD) to design parts for their projects and fabricate them on a 3D printer and other CNC machines.

## **1727 Principles of Engineering and Design**

**1/2 Credit**

**Open to Grades 10, 11, 12**

Join an engineering team and learn how to apply STEM concepts and skills in solving engineering design problems and innovating designs! Students will use computers and equipment to research, develop, test, analyze and communicate engineering designs taking into account public safety, human factors and ethics. This course is an essential experience for students who are interested in technology, innovation, design, and engineering.

## **1729 How Stuff Works**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Learn about the technological systems that surround us. Experiment with and recreate technologies to understand their significance. Do all this through exploratory activities that combine practical math and science skills. Units of study include: Electricity, Robotics, Lasers and Fiber Optics, and Renewable Energy.

### **1745 Construct It!**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

Acquire a knowledge base for problem solving by diving into the world of construction and engineering through hands-on application. This course enables students to use knowledge they have previously learned as well as learn new skills such as tool safety, materials, and construction processes. Activities in this class include cabinet design, build and test the failure of a full-sized roof truss, Power tool safety and use, build a picture frame, Computer Aided Design (CAD), design and develop a hydroponic garden system using pvc pumps and electronic sensors to grow vegetables.

### **1748 Advanced Engineering**

**1 Credit**

**Open to Grades 11, 12**

Engineering at its best! This course provides the opportunity for you to apply your creativity, resourcefulness, and STEM knowledge and skills to make things faster, stronger, simpler, smarter, quicker, quieter, greener, and more efficient. As a member of an engineering team, you will be challenged to solve authentic engineering problems found in your own backyard! You will meet with real engineers, design using CAD, solve problems that may include the use of robotics, electronics, solar and wind generation, hydrogen fuel cells, communications, petroleum technologies, and more. For this course the activities are endless but one thing is for sure, it will be a thinkfest! (Prerequisite: At least one high school Technology and Engineering education course; Algebra II recommended.)

### **1773 Introduction to Robotics**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

This course is designed to help prepare students for jobs that have not yet been created. A hands-on/lab-based course where no prior knowledge about robotics is necessary. You will design and build robots using VEX Robotics System to solve in-class challenges. You will also program behaviors for autonomous robots using C-language computer code, microprocessors, and sensors. Other topics include robotics engineering and mechanical engineering, computer aided design, 3D print a part for a robot, physics application, artificial intelligence, electronics, troubleshooting, problem solving, ethics in technology, and reverse engineering. Mechatronics is the combination of electronics and mechanical engineering.

### **1776 Gamers and Game Design**

**1/2 Credit**

**Open to Grades 9, 10, 11, 12**

In Gamers and Game Design, students will produce a board game prototype, develop and practice skills in 3D modeling and produce a working 2D game. Students learn about the history of games, the history of technology used to produce games, game ratings, game theory, how to prepare documents necessary to enter the game industry, and game design elements.

# Trades and Industry

Trade, Industry, and Technical Education strives to teach and model industry standards in the lab and classroom so that job skill training can be enhanced. The purpose is to produce students who:

- become world-class workers, leaders, and responsible citizens.
- improve the quality of America's skilled workforce through a structured program and professional training.
- connect the lives and careers of students, instructors, and industry representatives for future success.
- focus on technical skills, which drive trade industries of tomorrow.

Students who have an interest for full-time employment, advanced vocational/technical training, apprenticeship, or a four-year college program after high school graduation should consider courses in this department. **Membership and participation in SkillsUSA are encouraged.**

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
1714	Intro to Building Trades	1/2	X	X	X	X
1762	Electrical Wiring (Semester/2 hour block)	1		X	X	X
1763	Residential Plumbing (Semester/2 hour block)	1		X	X	X
1715	Construction Technology I (2 hour block)	2		X	X	X
1716	Construction Technology II * (2 hour block)	2			X	X
1717	Welding I (2 hour block)	2		X	X	X
1718	Welding II * (2 hour block)	2			X	X
1719	Auto Technology I (2 hour block)	2		X	X	X
1720	Auto Technology II * (2 hour block)	2			X	X
1721	Auto Collision Repair and Painting I (2 hour block)	2		X	X	X
1722	Auto Collision Repair and Painting II * (2 hour block)	2			X	X
1740	Intro to Commercial Drivers License (CDL) (Semester/2 hour block)	1				X
1760	Aviation Technology I	1		X	X	X
1761	Aviation Technology II * (2 hour block)	2			X	X
* = Course has a prerequisite (check course description)						

## 1714 Intro to Building Trades

**1/2 Credit**

Open to Grades 9, 10, 11, 12

This course will expose students to the career pathways available in the architecture and construction industry, including occupations such as carpenter, electrician, plumber, heating/air conditioning technician, safety supervisor and other occupations. Students learn about the processes involved in construction projects and engage in a variety of small projects. This course emphasizes responsibilities, qualifications, work environment, ethics, and basic safety within construction-related fields.

## 1715 Construction Technology I

**2 Credits (2 hr block)**

Open to Grades 10, 11, 12

Train for an entry-level job in the construction industry. Students will learn worksite safety, construction math, proper use of hand and power tools, and blueprint reading. Building skills are introduced including floor, wall and roof systems and structure enclosure. Students will be involved in actual construction projects during school. Communication and employability skills will be emphasized.

## **1716 Construction Technology II**

**2 Credits (2 hr block)**

**Open to Grades 11, 12**

Construction Technology II continues with hands-on experiences to enhance a student's abilities in the construction industry. Students will receive advanced training in enclosure techniques, interior finishing, construction design and contracting concepts. On-the-job training is available. Students will be involved in the actual construction-related projects in school and the community. **(Prerequisite: Construction Technology I)**

## **1717 Welding I**

**2 Credits (2 hr block)**

**Open to Grades 10, 11, 12**

Train for an entry-level job in the welding industry. Students will learn basic skills practicing Gas Metal Arc Welding (MIG) and Shielded Metal Arc Welding (STICK), oxy-fuel cutting and brazing. Technical information about the welding trade such as applied math, blueprint reading and symbols, safety, and general construction will be integrated into the curriculum. Workplace readiness skills will also be addressed. **Coveralls of 100% cotton and safety glasses are required to protect students and meet safety standards.**

## **1718 Welding II**

**2 Credits (2 hr block)**

**Open to Grades 11, 12**

Further your skills in advanced welding. In addition to gas and shielded metal arc welding, students will practice Gas Tungsten Arc Welding (TIG), Flux-cored Arc welding and complete an industry bend test in each process. Constructing community projects and advanced print reading will be a part of the course. Students interested in manufacturing, energy, transportation, and construction careers, would benefit from this class. **Coveralls of 100% cotton and safety glasses are required to protect students and meet safety standards. (Prerequisite: Welding I)**

## **1719 Auto Technology I**

**2 Credits (2 hr block)**

**Open to Grades 10, 11, 12**

Train for an entry-level job in the automotive industry. Students will gain experience using industry equipment such as an on-the-car brake lathe, a 4-wheel alignment rack and scan tools along with shop operations to become familiar with common automotive problems and their solutions. The Automotive Service Excellence (ASE) areas of suspension and steering, brakes, electrical/electronic systems, engine repair maintenance on power train components will be the focus of the coursework. Career opportunities and workplace readiness skills will also be addressed. **Coveralls and safety glasses are required to protect students and meet safety standards.**

## **1720 Auto Technology II**

**2 Credits (2 hr block)**

**Open to Grades 11, 12**

Auto Technology II further trains students on ABS braking, suspension, electrical, and advanced drivability diagnosis. An additional 360 hours of instruction in advanced auto mechanics will be provided to reinforce the concepts learned in Auto Technology I and prepare the student for gainful employment. Students can earn a Student ASE Certificate. **Coveralls and safety glasses are required to protect students and meet safety standards. (Prerequisite: Auto Technology I)**

## **1721 Auto Collision Repair and Painting I**

**2 Credits (2 hr block)**

**Open to Grades 10, 11, 12**

Train for an entry-level job in auto body repair and refinishing or continue on to post-secondary education. Students will learn basic hands-on skills in the lab as they are introduced to repairing and painting damaged vehicles. The students will learn metalworking, welding, painting and estimating, as they relate to the auto collision industry, will be integrated into the curriculum. **Coveralls and safety glasses are required to protect students and meet safety standards.**

## **1722 Auto Collision Repair and Painting II**

**2 Credits (2 hr block)**

**Open to Grades 11, 12**

Auto Collision and Repair II provide an additional 360 hours of advanced instruction for employment in the auto body industry. Students will follow NATEF guidelines as they practice all phases of repairing damaged vehicle bodies including the following: metal straightening and airbrushing, custom painting, estimating, and replacement of body components, including trim. **Coveralls and safety glasses are required to protect students and meet safety standards. (Prerequisite: Auto Collision Repair and Painting I)**

## **1740 Intro to Commercial Drivers License (CDL)**

**1 Credit (Semester/2 hr block)**

**Open to Grade 12**

The focus of this class is to give the students an understanding of what is needed to obtain the CDL certification. Students will start with the basics and move up to the finer points of the trade. Topics include required CDL Manual subjects such as General Knowledge, Air Brakes, and Combination Vehicle, as well as Tanker, and Doubles/Triples endorsements. Also covered are hours of service, weight and balance, vehicle out-of-service regulations, and National Safety Council professional truck driver DDC. At the end of the course students should have the skills needed to obtain a CDL permit and begin to work on the skills needed to pass the CDL drivers test.

## **1760 Aviation Technology I**

**1 Credit**

**Open to Grades 10, 11, 12**

Students will perform basic piloting skills using a flight simulator as well as have the opportunity to take control of an aircraft in flight. Guest speakers and field trips will provide great learning experiences for students to explore aviation concepts such as aircraft basics, airspace, navigation, weather, communications, flight planning, weight and balance and the influence of human factors affecting flight. Students will learn what it takes to be a pilot while also exploring exciting career opportunities in aviation.

## **1761 Aviation Technology II**

**2 Credits (2 hr block)**

**Open to Grades 11, 12**

Students will prepare to pass the Federal Aviation Administration (FAA) private pilot's verbal exam. This course will cover advanced flight topics as well as topics covered in Aviation I to an advanced level. Students will also work in teams on projects to be determined (i.e. unmanned aircraft, aircraft construction, air traffic control, mechanical systems). **Students must make their own transportation arrangements. (Prerequisite: Aviation Technology I)**

## **1762 Electrical Wiring**

**1 Credit (Semester/2 hr block)**

**Open to Grade 10, 11, 12**

This program will provide students with the background necessary to enter the field of electrical wiring in residential construction. The course of study includes electrical fundamentals, electrical code study, math, residential wiring, electrical drafting, blueprint reading and alternating current theory. Hands-on practical wiring of equipment circuits will be provided in a laboratory setting.

## **1763 Residential Plumbing**

**1 Credit (Semester/2 hr block)**

**Open to Grade 10, 11, 12**

This course provides the students with the basic knowledge of plumbing code, trade skills, job site expectations, and blueprint reading. The curriculum includes state codes, various aspects of materials, equipment and fixtures, and service and installation procedures. Activities will include the layout of water and sanitation systems; working with various materials such as cast iron, plastic, copper, and steel; setting fixtures and proper hookups; and plumbing service.

# World Language

One objective in studying world language is to increase international understanding and communication. World language study is intrinsically valuable in itself as it develops an appreciation of other cultures and peoples. World language study complements any career. There is a great need for people trained in world languages in many fields. For example, world language training would be useful for teaching, scientific work, military and government service, the arts, volunteer services, travel and tourism, radio and television broadcasting, communications, medicine and international law and business. In this ever-shrinking global community, world language skills are what could get an applicant a job or a raise to a higher pay category. In light of varying college entrance requirements, the world language department suggests that college-bound students and their parents consult college catalogs and counselors to best complete their registration plans.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
0600	French I	1	X	X	X	X
0601	French II *	1	X	X	X	X
0602	French III *	1	X	X	X	X
0603	French IV *	1	X	X	X	X
0604	German I	1	X	X	X	X
0605	German II *	1	X	X	X	X
0606	German III *	1	X	X	X	X
0607	German IV *	1	X	X	X	X
0608	Spanish I	1	X	X	X	X
0609	Spanish II *	1	X	X	X	X
0610	Spanish III *	1	X	X	X	X
0611	Spanish IV *	1	X	X	X	X
0614	World Language Studies Abroad §	1/2			X	X
* = Course has a prerequisite (check course description)						
§ = Summer Only						

## 0600 French I

**1 Credit**

Open to Grades 9, 10, 11, 12

This course is designed as an introduction to the French language. It acquaints the student with the areas of listening, speaking, reading and writing while taking a look at France and Francophone countries. Emphasis at this level is placed on listening and speaking, but reading and writing will be introduced. Skill building will be accomplished through the use of pair work, cooperative practice, basic grammar and special projects including a comparative look at the student's own culture and the French culture. Other classroom activities will include language lab, videos, geography, music and cuisine. Upon completion of this class, the student shall be able to function at the novice level in a French speaking situation.

## 0601 French II

**1 Credit**

This course is designed to build proficiency in listening, speaking, reading and writing. Oral emphasis and written work stress everyday vocabulary as used by young people in French-speaking areas today. We will note French and Francophone influences in the rest of the world with a look at films, music, authentic materials, videos and readings. The student should be at the novice-mid level by the end of this component of the sequence. A student trip to France (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: French I)**

### **0602 French III**

**1 Credit**

This course is designed to provide a general grammar review to enhance the student's ability to express him/herself in French. An expanded emphasis on communication skills will be stressed through group work and authentic materials. Oral communication skills will be practiced through language lab, project presentations and classroom routine. Cultural awareness will continue through the use of video, cuisine and the media. By the end of this course, the student should be considered at the intermediate level of language study. A student trip to France (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: French II)**

### **0603 French IV**

**1 Credit**

This course is designed to emphasize the ability of the student to use all skills acquired in all areas. These skills will be used daily in class and refined as much as possible. Selections of 19th and 20th century French literature will be studied. Authentic materials, including the Internet, will be featured and much class work will be done through films, video, and in realistic situations. Upon completion of the four-year sequence, students should be at the intermediate level. A student trip to France (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: French III)**

### **0604 German I**

**1 Credit**

 **Open to Grades 9, 10, 11, 12**

This course is designed to introduce the student to speaking, reading, listening to and writing German. Extensive oral work is done through simulations and dialogues. Through various media the student learns about the culture of the German-speaking people. Other topics covered include a grammar study, basic German phonetics, making introductions, eating customs and foods of Germany, traveling and everyday vocabulary.

### **0605 German II**

**1 Credit**

This course is designed to emphasize the speaking of German. It also gives the student further practice in reading and writing. It includes further study of grammar and again focuses on everyday vocabulary. Techniques used are similar to those in German I. A further appreciation of German customs and culture is developed through films and discussions, and online activities. A student trip to Germany (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: German I)**

### **0606 German III**

**1 Credit**

This course is designed to further stress development of the speaking, listening and writing skills in German. These skills are used during different units throughout the year. Additional emphasis will be placed on speaking and writing. An introduction to German literature and history of the language and country will also be included. A student trip to Germany (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: German II)**

### **0607 German IV**

**1 Credit**

This course is designed to provide a solid base through the reading of modern literature and German periodicals and the discussion of these readings in the classroom. Through both oral and written projects and free composition assignments, the student will increase his/her fluency and writing ability along with his/her knowledge of German culture. A student trip to Germany (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: German III)**

### **0608 Spanish I**

**1 Credit**

 **Open to Grades 9, 10, 11, 12**

This course provides an introduction to the Spanish language. Emphasis at this level is placed on understanding, speaking and listening to the Spanish language. Reading and writing will be introduced. The daily life and culture of many of the world's 21 Spanish-speaking countries will be discussed. Upon successful completion of the class, students will be able to communicate at the novice level.



### **0609 Spanish II**

**1 Credit**

This course will continue to build proficiency in listening, speaking, reading and writing the Spanish language. Vocabulary taught at this level will include everyday vocabulary and situations relevant to young people everywhere. We will learn about Hispanic cultures with emphasis on the prevalent Hispanic influences in the United States. Upon successful completion of this class, students will test at the novice–mid to novice–high level. A student trip to a Spanish–speaking country (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: Spanish I)**

### **0610 Spanish III**

**1 Credit**

In the level III course, students will continue to progress in the acquisition of the language as well as continue with much recycling of previously learned material. The culture and literature of countries in which Spanish is spoken is strongly featured at this level, and lengthier reading materials include cultural topics such as geography, history, and literature as well as legends from various Spanish–speaking countries. Writing and speaking activities include, but are not limited to narration and enactment of stories, poetry writing and discussion of themes in the language. Besides giving the students the opportunity to develop their speaking, reading, writing, and listening abilities, the intent is to broaden and deepen their knowledge of the Spanish–speaking world. A student trip to a Spanish–speaking country (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: Spanish II)**

### **0611 Spanish IV**

**1 Credit**

Spanish IV has been designed to continue building the students' proficiency in the language. The course uses printed materials, and other media that includes works by Hispanic writers from Latin America, Spain, and the United States as the content to develop the four skills. Additional verb tenses and grammatical forms are presented. Spanish IV gives students of Spanish the opportunity to further develop their communicative competence. The topics of discussion will come from the different materials that will be studied, such as short stories, plays, essays, poetry, excerpts from novels, articles, films, current issues, etc. The students will also be expected to write and participate in class discussion based on the themes, characters, and philosophical and psychological issues found in the readings and other media. A student trip to a Spanish–speaking country (course 0614) during the summer may be offered for students in Level II and above. **(Prerequisite: Spanish III)**

### **0614 World Language Studies Abroad** **(Summer only)**

**1/2 Credit**

This course is designed to provide students who have successfully completed two or more years of world language studies with an advanced and accelerated situation in a country using the target language. Cultural awareness will be the major emphasis with reading, listening, and writing skills enhancing the ultimate goal of speaking in the target language with native speakers. This course is offered according to student demand in summer school only.

# National Collegiate Athletic Association (NCAA)

## NCAA Clearinghouse Eligibility

The NCAA has approved the following courses for use in establishing the initial eligibility certification status of student-athletes from MHS/MNHS.

### NCAA Approved Core Courses

#### **Language Arts**

Lang. Arts 9  
Advanced Lang. Arts 9  
Lang. Arts 10  
Advanced Lang. Arts 10  
Lang. Arts 11  
Lang. Arts 12  
College Composition  
Creative Writing  
Debate  
AP English 11  
AP English 12  
Novel  
Speech  
College Speech  
World Literature TBD  
Poetry

#### **World Language**

French I  
French II  
French III  
French IV  
German I  
German II  
German III

German IV  
Spanish I  
Spanish II  
Spanish III  
Spanish IV

#### **Mathematics**

Algebra I  
Geometry  
Advanced Geometry  
Algebra II  
College Algebra  
Elementary Statistics  
Advanced Math  
Pre-Calculus  
AP Calculus Prep  
AP Calculus

#### **Science**

Physical Science I  
Physical Science II  
Biology I  
Biology II  
Advanced Biology  
AP Biology TBD  
Anatomy/Physiology

Chemistry  
AP Chemistry  
Environmental Science  
Geology  
Physics  
Adv. Physics W, S, L and C  
Adv. Physics E and M

#### **Social Studies**

World History I  
World History II  
AP World History  
US History I  
US History II  
AP US History  
Am. Government  
AP Am. Government  
ND Now  
Criminal Law  
Economics  
Psychology  
Psychology – Dual  
Credit  
Sociology  
Current Events

### NON-APPROVED CLASSES

The following courses do not qualify as NCAA courses and therefore cannot be used for NCAA initial-eligibility certification.

Film Study  
Found of Gr 9 Lang. Arts  
Found of Gr 10 Lang. Arts  
Found of Gr 11 Lang. Arts  
Found of Gr 9 LA/Read 180  
Found of Gr 10 LA/Read 180  
Found of Gr 11 LA/Read 180  
Found of Speech  
Graphic Novel  
Journalism I  
Journalism II

LA ACT Prep  
Media Literacy  
Reading Enrichment  
Theatre I  
Theatre II  
Writing Skills  
  
Consumer Math I  
Consumer Math II  
Informal Geometry  
Math ACT Prep

Math Applications  
Math Lab  
Pre-Algebra  
  
Botany/Horticulture  
Science  
Found of Biology I & II  
Found of Physical Science I & II  
STEM Seminar

# Minot Public Schools Coordinated Plans of Study for the North Dakota Scholarship

One requirement for the North Dakota Scholarship is that students must complete 2 credits in an approved coordinated plan of study.

To qualify for the scholarship, students must take 2 CREDITS worth of classes in the SAME COLUMN.

Agriculture Education			
Agriculture, Food & Natural Resources Career Cluster			
POWER, STRUCTURAL & TECHNICAL SYSTEMS	ENVIRONMENTAL SERVICE SYSTEMS	PLANT SYSTEMS	ANIMAL SYSTEMS
<b>Course # &amp; Title</b> <b>Credits</b> 0100 Intro to Agriculture      1/2 0102 Intro to Ag Mechanics & Technology      1/2 0105 Agricultural Engines & General Mechanics      1 0112 Ag Welding      1/2 0116 Cooperative Work Experience/Summer Internship for Ag Education      1/2 0111 Supervised Agricultural Experience (summer)      ¼-1/2	<b>Course # &amp; Title</b> <b>Credits</b> 0100 Intro to Agriculture      1/2 0101 Hunter Safety & Natural Resources      1/2 0102 Intro to Ag Mechanics & Technology      1/2 0105 Agricultural Engines & General Mechanics      1 0107 Botany/Hort. Science I      1/2 0108 Botany/Hort. Science II      1/2 0119 Community Leadership & Development in Ag      1/2 0116 Cooperative Work Experience/Summer Internship for Ag Education      1/2 0111 Supervised Agricultural Experience (summer)      ¼-1/2	<b>Course # &amp; Title</b> <b>Credits</b> 0100 Intro to Agriculture      1/2 0107 Botany/Hort. Science I      1/2 0108 Botany/Hort. Science II      1/2 0117 Agronomy      1/2 0116 Cooperative Work Experience/Summer Internship for Ag Education      1/2 0111 Supervised Agricultural Experience (summer)      ¼-1/2  <b>NOTE: 107 Botany/Horticulture I can be taken as either an Ag or Science class.</b>	<b>Course # &amp; Title</b> <b>Credits</b> 0100 Intro to Agriculture      1/2 0109 Animal Care      1/2 0115 Veterinary Science      1/2 0106 Game/ Meat Processing      1 0116 Cooperative Work Experience/Summer Internship for Ag Education      1/2 0111 Supervised Agricultural Experience (summer)      ¼-1/2
			AGRIBUSINESS SYSTEMS
			<b>Course # &amp; Title</b> <b>Credits</b> 0100 Intro to Agriculture      1/2 0113 Retail Floral Business & Mgmt      1/2 0119 Community Leadership & Development in Ag      1/2 0116 Cooperative Work Experience/Summer Internship for Ag Education      1/2 0111 Supervised Agricultural Experience (summer)      ¼-1/2
Must complete at least 2 credits	Must complete at least 2 credits	Must complete at least 2 credits	Must complete at least 2 credits
Business Education			Marketing Education
Business Management & Administration Career Cluster		Finance Career Cluster	Marketing Career Cluster
ADMINISTRATIVE SUPPORT	GENERAL MANAGEMENT	ACCOUNTING	PROFESSIONAL SALES/MERCHANDISING/MARKETING COMMUNICATION
<b>Course # &amp; Title</b> <b>Credits</b> 0300 Intro to Business & Marketing      1/2 0301 World of Work      1/2 0313 Accounting I      1/2 0314 Accounting II      1/2 0315 Sports & Activities Multimedia      1/2 0326 Personal Finance      1/2 0319 Wealth Management      1/2 0320 Cooperative Work Experience/Summer Internship for Business Education      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 0300 Intro to Business & Marketing      1/2 0301 World of Work      1/2 0317 Entrepreneurship      1/2 0313 Accounting I      1/2 0314 Accounting II      1/2 0309 Business/Personal Law      1/2 0326 Personal Finance      1/2 0319 Wealth Management      1/2 0330 Business Finance      1/2 0320 Cooperative Work Experience/Summer Internship for Business Education      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 0300 Intro to Business & Marketing      1/2 0301 World of Work      1/2 0313 Accounting I      1/2 0314 Accounting II      1/2 0309 Business/Personal Law      1/2 0326 Personal Finance      1/2 0319 Wealth Management      1/2 0330 Business Finance      1/2 0320 Cooperative Work Experience/Summer Internship for Business Education      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 0300 Intro to Business & Marketing      1/2 0301 World of Work      1/2 0331 Principles of Sport & Entertainment Marketing      1/2 0321 Marketing I      1 0322 Marketing II      1 0326 Personal Finance      1/2 0319 Wealth Management      1/2 0323 Cooperative Work Experience/Summer Internship for Marketing Education      1/2 0332 School Based Enterprise CWE      1
Must complete at least 2 credits	Must complete at least 2 credits	Must complete at least 2 credits	Must complete at least 2 credits

Family & Consumer Sciences			
Human Services Career Cluster		Hospitality & Tourism Career Cluster	Arts, A/V Technology & Communications Cluster
EARLY CHILDHOOD DEVELOPMENT & SERVICES		RESTAURANTS & FOOD/BEVERAGE SERVICES	VISUAL ARTS
<b>Course # &amp; Title</b> <b>Credits</b> 0801 Skills for Living      1/2 0805 Foods I      1/2 0817 Foods II      1/2 0807 Relationships      1/2 0808 Child Development & Parenting      1/2 0811 Early Childhood Education      2 0813 Cooperative Work Experience /Summer Internship for FACS      1/2		<b>Course # &amp; Title</b> <b>Credits</b> 0801 Skills for Living      1/2 0805 Foods I      1/2 0817 Foods II      1/2 0806 Cultures and Cuisine      1/2 0810 Culinary Arts      2 0813 Cooperative Work Experience /Summer Internship for FACS      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 0801 Skills for Living      1/2 0802 Housing & Interior Design      1/2 0803 Modern Sewing & Textiles I      1/2 0804 Modern Sewing & Textiles II      1/2 0813 Cooperative Work Experience /Summer Internship for FACS      1/2
<b>Course # &amp; Title</b> <b>Credits</b> 0801 Skills for Living      1/2 0808 Child Development & Parenting      1/2 0811 Early Childhood Education      2 0820 Careers in Education      1/2 0813 Cooperative Work Experience /Summer Internship for FACS      1/2			
Must complete at least 2 credits		Must complete at least 2 credits	Must complete at least 2 credits

Health Sciences		Information Technology	
Health Science Career Cluster		Information Technology Career Cluster	
THERAPEUTIC SERVICES	BIOTECHNOLOGY RESEARCH & DEVELOPMENT	NETWORK SYSTEMS	PROGRAMMING & SOFTWARE DEVELOPMENT
<b>Course # &amp; Title</b> <b>Credits</b> 1705 Medical Careers I      1 1706 Medical Careers II      1 1707 Certified Nursing/Medication Assistant      1 1730 Adv. Medical Careers      1 1752 Cooperative Work Experience/Summer Internship for Medical Careers      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 1705 Medical Careers I      1 1706 Medical Careers II      1 1730 Adv. Medical Careers      1 1770 Principles of Biomedical Science      1 1771 Human Body Systems      1 1772 Medical Interventions      1	<b>Course # &amp; Title</b> <b>Credits</b> 1723 Intro to Information Technology      1/2 1737 Computer Hardware & Operating Systems      1 1739 Intro to Networking      1/2 1742 Intro to Cyber Security      1/2 1735 IT Internship / HS Tech Team      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 1723 Intro to Information Technology      1/2 1724 Intro to Coding & Gaming      1/2 1743 Intro to Computer Science/Coding      1 1725 AP Computer Science Principles      1 1742 Intro to Cyber Security      1/2 1735 IT Internship / HS Tech Team      1/2
Must complete at least 2 credits		Must complete at least 2 credits	Must complete at least 2 credits

Technology & Engineering Education	Trade & Industry	
Science, Technology, Engineering & Mathematics Career Cluster	Transportation, Distribution & Logistics Career Cluster	
ENGINEERING & TECHNOLOGY	FACILITY AND MOBILE EQUIPMENT MAINTENANCE	TRANSPORTATION OPERATIONS
<b>Course # &amp; Title</b> <b>Credits</b> 1704 Energy and Transportation      1/2 1727 Principles of Engineering & Design      1/2 1729 How Stuff Works      1/2 1745 Construct It!      1/2 1773 Introduction to Robotics      1/2 1776 Gamers & Game Design      1/2 1748 Advanced Engineering      1 1731 Cooperative Work Experience /Summer Internship for Technology & Engineering      1/2 -1	<b>Course # &amp; Title</b> <b>Credits</b> 1719 Auto Technology I      2 1720 Auto Technology II      2 1721 Auto Collision Repair & Painting I      2 1722 Auto Collision Repair & Painting II      2 1751 Cooperative Work Experience /Summer Internship for Trades Education      1/2	<b>Course # &amp; Title</b> <b>Credits</b> 1760 Aviation Technology I      1 1761 Aviation Technology II      2 1740 Intro to Commercial Driver's License      1 1751 Cooperative Work Experience /Summer Internship for Trades Education      1/2
Must complete at least 2 credits		
	Architecture & Construction Career Cluster	Manufacturing Career Cluster
	CONSTRUCTION	PRODUCTION
	<b>Course # &amp; Title</b> <b>Credits</b> 1714 Intro to Building Trades      1 1762 Electrical Wiring      1 1763 Residential Plumbing      1 1715 Construction Tech I      2 1716 Construction Tech II      2 1751 Cooperative Work Experience /Summer Internship for Trades Education      1/2-1	<b>Course # &amp; Title</b> <b>Credits</b> 1717 Welding Technology I      2 1718 Welding Technology II      2 1751 Cooperative Work Experience /Summer Internship for Trades Education      1/2-1
Must complete at least 2 credits	Must complete at least 2 credits	Must complete at least 2 credits

## 2024-2025 REGISTRATION CARD – Grade 9

**FRESHMEN:** Please **CIRCLE** your class choices from the list below. Keep in mind that you must have **7 courses** each semester.

PLACE STICKER HERE or WRITE NAME BELOW

LANGUAGE ARTS (PAGES 29–35)		
1001	Grade 9 Language Arts	1
1002	Grade 9 Advanced Language Arts	1
1622	Grade 9 Foundations of Language Arts	1
1014	Grade 9 Foundations of Language Arts/Read 180	2
1008	Debate	1/2
1007	Speech	1/2
1013	Reading Enrichment	1/2
1006	Theatre I	1/2
1029	Theatre II *	1/2
1033	Journalism I	1/2
1011	Film Study	1/2
1025	Writing Skills	1/2
1027	Creative Writing	1/2
1053	Poetry	1/2
1046	Media Literacy	1/2
1061	Graphic Novel	1/2
MATHEMATICS (PAGES 38–42)		
1103	Algebra I	1
1104	Geometry *	1
1116	Advanced Geometry *	1
1120	Pre-Algebra	1
1122	Math Lab ††	1
SCIENCE (PAGES 48–51)		
1404S1	Biology I	1/2
1404S2	Biology II	1/2
1405	Advanced Biology I*	1
1611S1	Foundations of Biology I	1/2
1611S2	Foundations of Biology II	1/2
SOCIAL STUDIES (PAGES 52–54)		
1515	Current Events	1/2
1518	North Dakota NOW!	1/2
AIR FORCE JROTC (PAGES 10–11)		
0013	AF JROTC 300	1
AGRICULTURE EDUCATION (PAGES 12–14)		
0100	Intro to Agriculture	1/2
0101	Hunter Safety and Natural Resources	1/2
0102	Introduction to Ag Mechanics and Technology	1/2
0109	Animal Care	1/2
0112	Ag. Welding	1/2
ART (PAGES 15–18)		
0200	Art I	1/2
0212	Art II *	1/2
0202	Ceramics I	1/2
0209	Ceramics II *	1/2
0205	Yearbook I	1
BUSINESS EDUCATION (PAGES 19–20)		
0300	Intro to Business and Marketing	1/2
0301	World of Work	1/2
0313	Accounting I	1/2
**	Co-Requisite	

BUSINESS EDUCATION (PAGES 19–20)		
0314	Accounting II *	1/2
0315	Sports/Activities Multimedia	1/2
0319	Wealth Management	1/2
0326	Personal Finance	1/2
FAMILY AND CONSUMER SCIENCES (PAGES 22–24)		
0801	Skills for Living	1/2
0802	Housing and Interior Design	1/2
0803	Modern Sewing and Textiles I	1/2
0804	Modern Sewing and Textiles II *	1/2
0805	Foods I	1/2
0817	Foods II *	1/2
0819	Introduction to the Teaching Profession	1/2
HEALTH SCIENCES (CTE) (PAGES 25–26)		
1770	Principles of Biomedical Sciences	1
INFORMATION TECHNOLOGY (PAGES 27–28)		
1723	Introduction to Information Technology	1/2
1724	Intro to Coding and Gaming	1/2
1742	Intro to Cyber Security	1/2
1743	Intro to Computer Science/Coding (PLTW)	1
MARKETING EDUCATION (PAGES 36–37)		
0331	Principles of Sports and Entertainment Marketing	1/2
MUSIC (PAGES 43–44)		
1200	Grade 9 Band	1
1203	Grade 9 and 10 Jazz Band **	1
1206	String Orchestra	1
1209	9th Grade Treble Prep Choir	1
1211	9th Grade Concert Choir	1
PHYSICAL EDUCATION (PAGES 45–47)		
1306	Grade 9 Health (REQUIRED) **	1/2
1301	Grade 9 Physical Education **	1/2
1392	Grade 9 Lifetime Wellness **	1/2
1303	Adapted/Unified Physical Education (adapted only)	1/2
SPECIAL SERVICES (PAGES 55–60)		
1612S1	Transition	1/2
1612S2	Transition	1/2
STUDENT SUCCESS (PAGE 61)		
0947	AVID	1
TECHNOLOGY AND ENGINEERING EDUCATION (PAGES 62–63)		
1704	Energy and Transportation	1/2
1729	How Stuff Works	1/2
1745	Construct It	1/2
1773	Introduction to Robotics	1/2
1776	Gamers and Game Design	1/2
TRADES AND INDUSTRY (PAGES 64–66)		
1714	Intro to Building Trades	1/2
WORLD LANGUAGES (PAGES 67–69)		
0600	French I	1
0604	German I	1
0608	Spanish I	1
*	Pre-Requisite	†† Teacher Recommendation Required

**Practice Registration Schedule – Courses will not be taught in the hour or semester indicated.**

**Semester 1**

Required	Department / Course	Credit
✓	Language Arts –	0.5
✓	Science – Biology	0.5
✓	Math –	0.5
✓	Phy Ed / Health –	0.5
✓	Elective –	
✓	Elective –	
✓	Elective –	
Total Credits		

**Semester 2**

Required	Department / Course	Credit
✓	Language Arts –	0.5
✓	Science – Biology	0.5
✓	Math –	0.5
✓	Phy Ed / Health –	0.5
✓	Elective –	
✓	Elective –	
✓	Elective –	
Total Credits		

**Alternate Courses:**


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**Parent / Guardian Signature:**

## 2024-2025 REGISTRATION CARD – Grade 10

**SOPHOMORES:** Please **CIRCLE** your class choices from the list below. Keep in mind that you must have **7 courses** each semester.

PLACE STICKER HERE or WRITE NAME BELOW

LANGUAGE ARTS (PAGES 29–35)		
1004	Grade 10 Language Arts	1
1005	Grade 10 Advanced Language Arts	1
1624	Grade 10 Foundations of Language Arts	1
1625	Grade 10 Foundations of Language Arts/Read 180	2
1008	Debate	1/2
1007	Speech	1/2
1052	Foundations of Speech	1/2
1013	Reading Enrichment	1/2
1006	Theatre I	1/2
1029	Theatre II *	1/2
1033	Journalism I	1/2
1016	Journalism II	1/2
1011	Film Study	1/2
1025	Writing Skills	1/2
1027	Creative Writing	1/2
1053	Poetry	1/2
1046	Media Literacy	1/2
1061	Graphic Novel	1/2
MATHEMATICS (PAGES 38–42)		
1103	Algebra I	1
1104	Geometry *	1
1105	Algebra II *	1
1106S1	Consumer Math I	1/2
1106S2	Consumer Math II	1/2
1108	Advanced Math *	1
1116	Advanced Geometry *	1
1122	Math Lab ††	1
1123	Informal Geometry *	1
SCIENCE (PAGES 48–51)		
1404S1	Biology I	1/2
1404S2	Biology II	1/2
1611S1	Foundations of Biology I	1/2
1611S2	Foundations of Biology II	1/2
1423	AP Biology *	1
1406	Chemistry *	1
1422	AP Chemistry *	1
1407	Physics *	1
0107	Botany/Horticulture Science I	1/2
SOCIAL STUDIES (PAGES 52–54)		
1502S1	World History I	1/2
1502S2	World History II	1/2
1516	AP World History	1
1515	Current Events	1/2
1518	North Dakota NOW!	1/2
AIR FORCE JROTC (PAGES 10–11)		
0013	AF JROTC 300	1
AGRICULTURE EDUCATION (PAGES 12–14)		
0100	Intro to Agriculture	1/2
0101	Hunter Safety and Natural Resources	1/2
0102	Intro to Ag Mechanics and Technology	1/2
0105	Agricultural Engines and General Mechanics	1/2
0106	Game and Meat Processing (Semester / 2 hour block)	1
0107	Botany/Horticulture Science I	1/2
0108	Botany/Horticulture Science II *	1/2

AGRICULTURE EDUCATION cont. (PAGES 12–14)		
0109	Animal Care	1/2
0112	Ag. Welding	1/2
ART (PAGES 15–18)		
0200	Art I	1/2
0212	Art II *	1/2
0217	Advanced Drawing *	1/2
0218	Advanced Painting *	1/2
0202	Ceramics I	1/2
0209	Ceramics II *	1/2
0210	Wheel-Thrown * (Semester / 2 hour block)	1
0205	Yearbook I	1
0206	Yearbook II *	1
0229	Graphic Design *	1/2
BUSINESS EDUCATION (PAGES 19–20)		
0300	Intro to Business and Marketing	1/2
0301	World of Work	1/2
0309	Business and Personal Law	1/2
0313	Accounting I	1/2
0314	Accounting II *	1/2
0315	Sports and Activities Multimedia	1/2
0317	Entrepreneurship ^	1/2
0319	Wealth Management	1/2
0326	Personal Finance	1/2
0330	Business Finance ^	1/2
FAMILY AND CONSUMER SCIENCES (PAGES 22–24)		
0801	Skills for Living	1/2
0802	Housing and Interior Design	1/2
0803	Modern Sewing and Textiles I	1/2
0804	Modern Sewing and Textiles II *	1/2
0805	Foods I	1/2
0817	Foods II *	1/2
0806	Cultures and Cuisine *	1/2
0807	Relationships	1/2
0808	Child Development and Parenting	1/2
0819	Introduction to the Teaching Profession	1/2
HEALTH SCIENCES (CTE) (PAGES 25–26)		
1705	Medical Careers I	1
1770	Principles of Biomedical Sciences	1
1771	Human Body Systems *	1
INFORMATION TECHNOLOGY (PAGES 27–28)		
1723	Intro to Information Technology	1/2
1724	Intro to Coding and Gaming	1/2
1725	AP Computer Sciences Principles * (PLTW)	1
1737	Computer Hardware and Operating Systems ^	1
1739	Intro to Networking	1/2
1742	Intro to Cyber Security	1/2
1743	Intro to Computer Science/Coding (PLTW)	1
MARKETING EDUCATION (PAGES 36–37)		
0331	Principles of Sports and Entertainment Marketing	1/2
0321	Marketing I ^	1
MUSIC (PAGES 43–44)		
1204	Grade 10–12 Band	1
1203	Grade 9 and 10 Jazz Band **	1
1206	String Orchestra	1

MUSIC cont. (PAGES 43–44)		
1215	Women's Ensemble *	1
1212	Symphonic Choir	1
1213	A-capella Jazz/Pop Choir @	1
1214	Music Theory	1
PHYSICAL EDUCATION (PAGES 45–47)		
1303	Adapted/Unified Physical Education	1/2
1307	Yoga/Muscle Pump	1/4
1314	Team Sports	1/4
1349	Racquet Sports/Volleyball	1/4
1361	Flag Football/Basketball	1/4
1371	Water Activities	1/4
1372	Weight Training	1/4
1391	Volleyball/Yoga	1/4
1393	Walking for Fitness	1/4
1394	Yoga	1/4
1395	Officiating	1/4
SPECIAL SERVICES (PAGES 55–60)		
1612S1	Transition	1/2
1612S2	Transition	1/2
STUDENT SUCCESS (PAGE 61)		
0947	AVID	1
0953	Peer to Peer Leadership I	1
TECHNOLOGY AND ENGINEERING EDUCATION (PAGES 62–63)		
1704	Energy and Transportation	1/2
1727	Principles of Engineering and Design	1/2
1729	How Stuff Works	1/2
1745	Construct It	1/2
1773	Introduction to Robotics	1/2
1776	Gamers and Game Design	1/2
TRADES AND INDUSTRY (PAGES 64–66)		
1714	Intro to Building Trades	1/2
1762	Electrical Wiring (Semester/2 hour block)	1
1763	Residential Plumbing (Semester/2 hour block)	1
1715	Construction Technology I (2 hour block)	2
1717	Welding I (2 hour block)	2
1719	Auto Technology I (2 hour block)	2
1721	Auto Collision Repair and Painting I (2 hour block)	2
1760	Aviation Technology I	1
WORLD LANGUAGES (PAGES 67–69)		
0600	French I	1
0601	French II *	1
0604	German I	1
0605	German II *	1
0608	Spanish I	1
0609	Spanish II *	1

*	Pre-Requisite
^	Dual Credit
§	Summer Only
@	Audition Only
††	Teacher Recommendation Required
**	Co-Requisite
#	Consult with instructor required

TRADES AND INDUSTRY (PAGES 64-66)		
1714	Intro to Building Trades	1/2
1762	Electrical Wiring (Semester/2 hour block)	1
1763	Residential Plumbing (Semester/2 hour block)	1
1715	Construction Technology I (2 hour block)	2
1717	Welding I (2 hour block)	2
1719	Auto Technology I (2 hour block)	2
1721	Auto Collision Repair and Painting I (2 hour block)	2
1760	Aviation Technology I	1

WORLD LANGUAGES (PAGES 67-69)		
0600	French I	1
0601	French II *	1
0604	German I	1
0605	German II *	1
0608	Spanish I	1
0609	Spanish II *	1

**Practice Registration Schedule - Courses will not be taught in the hour or semester indicated.**

**Semester 1**

Department / Course	Credit
Language Arts -	0.5
Science -	0.5
Math -	0.5
Social Studies -	0.5
Elective -	
Elective -	
Elective -	
Total Credits	

**Semester 2**

Department / Course	Credit
Language Arts -	0.5
Science -	0.5
Math -	0.5
Social Studies -	0.5
Elective -	
Elective -	
Elective -	
Total Credits	

Summer School Requests:

School Year Substitutions:

Alternate Courses:


\_\_\_\_\_  
Parent / Guardian Signature



# 2024-2025 REGISTRATION CARD - Grade 11

**JUNIORS:** Please **CIRCLE** your class choices from the list below. Keep in mind that you must have **6.5 courses** each semester.

PLACE STICKER HERE or WRITE NAME BELOW

## LANGUAGE ARTS (PAGES 29-35)

1004	Grade 10 Language Arts	1
1030	Grade 11 Language Arts	1
1040	AP English Language (Full Year)	1
1032	Grade 11 Foundations of Language Arts	1
1018	Grade 11 Language Arts/Read 180	2
1008	Debate	1/2
1007	Speech	1/2
1052	Foundations of Speech	1/2
1057	College Speech 110 * ^	1/2
1051	Language Arts ACT Prep	1/4
1013	Reading Enrichment	1/2
1006	Theatre I	1/2
1029	Theatre II *	1/2
1033	Journalism I	1/2
1016	Journalism II	1/2
1011	Film Study	1/2
1025	Writing Skills	1/2
1027	Creative Writing	1/2
1053	Poetry	1/2

1046	Media Literacy	1/2
1058	World Literature	1/2
1023	Novel	1/2
1061	Graphic Novel	1/2

## MATHEMATICS (PAGES 38-42)

1103	Algebra I	1
1104	Geometry *	1
1105	Algebra II *	1
1106S1	Consumer Math I	1/2
1106S2	Consumer Math II	1/2
1107	Mathematics Applications *	1
1108	Advanced Math *	1
1111	College Algebra 103 * ^	1/2
1112	Elementary Statistics 210 * ^	1/2
1113	Pre-Calculus 107 * ^	1
1114	AP Calculus Prep *	1
1115	AP Calculus *	1
1121	Mathematics ACT Prep *	1/4
1123	Informal Geometry *	1

## SCIENCE (PAGES 48-51)

1402	STEM Seminar	1
1423	AP Biology *	1
1406	Chemistry *	1
1422	AP Chemistry *	1
1407	Physics *	1
1414	Advanced Physics: Waves, Sound, Light and Color *	1/2
1415	Advanced Physics: Electricity and Magnetism *	1/2
1409	Human Anatomy and Physiology *	1
1410	Environmental Science	1/2
1411	Geology	1/2
0107	Botany/Horticulture Science I	1/2

## SOCIAL STUDIES (PAGES 52-54)

1502S1	World History I	1/2
1502S2	World History II	1/2
1500S1	US History I	1/2
1500S2	US History II	1/2
1513	AP US History	1
1504	American Government	1/2
1514	AP American Government and Politics	1
1505	Economics	1/2
1506	Sociology	1/2
1507	Psychology	1/2
1508	Criminal Law	1/2
1511	Dual Credit Psychology ^	1/2
1515	Current Events	1/2
1518	North Dakota NOW!	1/2

## AIR FORCE JROTC (PAGES 10-11)

0013	AF JROTC 300	1
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## AGRICULTURE EDUCATION (PAGES 12-14)

0100	Intro to Agriculture	1/2
0101	Hunter Safety and Natural Resources	1/2
0102	Intro to Ag Mechanics and Technology	1/2
0105	Agricultural Engines and General Mechanics	1/2
0106	Game and Meat Processing (Semester / 2 hour block)	1
0107	Botany/Horticulture Science I	1/2
0108	Botany/Horticulture Science II *	1/2
0109	Animal Care	1/2
0112	Ag. Welding	1/2
0113	Retail Floral Business and Management ^	1/2
0115	Veterinary Science *	1/2
0117	Agronomy	1/2
0119	Community Leadership and Development in Agriculture	1/2

## ART (PAGES 15-18)

0200	Art I	1/2
0212	Art II *	1/2
0217	Advanced Drawing *	1/2
0218	Advanced Painting *	1/2
0202	Ceramics I	1/2
0209	Ceramics II *	1/2
0210	Wheel-Thrown * (Semester / 2 hour block)	1
0205	Yearbook I	1
0206	Yearbook II *	1
0207	Yearbook III *	1
0213	Yearbook IV *	1
0229	Graphic Design *	1/2
0235	Photography I	1/2
0236	Photography II *	1/2
0237	Photography III *	1/2

## BUSINESS EDUCATION (PAGES 19-20) (Page 8)

0300	Intro to Business and Marketing	1/2
0301	World of Work	1/2
0309	Business and Personal Law	1/2

## BUSINESS EDUCATION cont. (PAGES 19-20) (Page 8)

0313	Accounting I	1/2
0314	Accounting II *	1/2
0315	Sports and Activities Multimedia	1/2
0317	Entrepreneurship ^	1/2
0319	Wealth Management	1/2
0326	Personal Finance	1/2
0330	Business Finance ^	1/2
1753	Senior Internship	1/2

## FAMILY AND CONSUMER SCIENCES (PAGES 22-24)

0801	Skills for Living	1/2
0802	Housing and Interior Design	1/2
0803	Modern Sewing and Textiles I	1/2
0804	Modern Sewing and Textiles II *	1/2
0805	Foods I	1/2
0817	Foods II *	1/2
0806	Cultures and Cuisine *	1/2
0810	Culinary Arts * (Year / 2 hour block)	2
0807	Relationships	1/2
0808	Child Development and Parenting	1/2
0811	Early Childhood Education * (Year/2 hour block)	2
0819	Introduction to the Teaching Profession	1/2
0820	Careers in Education * (Semester / 2 hour block)	1
0821	Paraprofessional Training *	1/2

## HEALTH SCIENCES (CTE) (PAGES 25-26)

1705	Medical Careers I	1
1706	Medical Careers II * (Semester / 2 hour block)	1
1707	CNA / CMA * ^ (Semester / 2 hour block)	1
1770	Principles of Biomedical Sciences	1
1771	Human Body Systems *	1
1772	Medical Interventions *	1

## INFORMATION TECHNOLOGY (PAGES 27-28)

1723	Intro to Information Technology	1/2
1724	Intro to Coding and Gaming	1/2
1725	AP Computer Sciences Principles * (PLTW)	1
1735	IT Internship / HS Tech Team	1/2
1737	Computer Hardware and Operating Systems ^	1
1739	Intro to Networking	1/2
1742	Intro to Cyber Security	1/2
1743	Intro to Computer Science/Coding (PLTW)	1

## MARKETING EDUCATION (PAGES 36-37)

0321	Marketing I ^	1
0322	Marketing II * ^	1
0332	School Based Enterprise Cooperative Work Experience *	1

## MUSIC (PAGES 43-44)

1204	Grade 10-12 Band	1
1208	Grade 11 and 12 Jazz Band **	1
1206	String Orchestra	1
1215	Women's Ensemble *	1
1212	Symphonic Choir	1
1213	A-capella Jazz/Pop Choir @	1
1214	Music Theory	1

**PHYSICAL EDUCATION (PAGES 45-47)**

1303	Adapted/Unified Physical Education	1/2
1307	Yoga/Muscle Pump	1/4
1314	Team Sports	1/4
1349	Racquet Sports/Volleyball	1/4
1361	Flag Football/Basketball	1/4
1371	Water Activities	1/4
1372	Weight Training	1/4
1391	Volleyball/Yoga	1/4
1393	Walking for Fitness	1/4
1394	Yoga	1/4
1395	Officiating	1/4

**SPECIAL SERVICES (PAGES 55-60)**

1612S1	Transition	1/2
1612S2	Transition	1/2

**STUDENT SUCCESS (PAGE 61)**

0946	School to Life: Skills for Success	1/2
0947	AVID	1
0953	Peer to Peer Leadership I	1

**TECHNOLOGY AND ENGINEERING EDUCATION (PAGES 62-63)**

1704	Energy and Transportation	1/2
1727	Principles of Engineering and Design	1/2
1729	How Stuff Works	1/2
1745	Construct It	1/2
1748	Advanced Engineering *	1
1773	Introduction to Robotics	1/2
1776	Gamers and Game Design	1/2

**TRADES AND INDUSTRY (PAGES 64-66)**

1714	Intro to Building Trades	1/2
1762	Electrical Wiring (Semester / 2 hour block)	1
1763	Residential Plumbing (Semester / 2 hour block)	1
1715	Construction Technology I	2
1716	Construction Technology II *	2
1717	Welding I	2
1718	Welding II *	2
1719	Auto Technology I	2
1720	Auto Technology II *	2
1721	Auto Collision Repair and Painting I	2
1722	Auto Collision Repair and Painting II *	2
1760	Aviation Technology I	1
1761	Aviation Technology II * (2 hour block)	2

**WORLD LANGUAGES (PAGES 67-69)**

0600	French I	1
0601	French II *	1
0602	French III *	1
0603	French IV *	1
0604	German I	1
0605	German II *	1
0606	German III *	1
0607	German IV *	1
0608	Spanish I	1
0609	Spanish II *	1
0610	Spanish III *	1
0611	Spanish IV *	1

*	Pre-Requisite
^	Dual Credit
\$	Summer Only
@	Audition Only
**	Co-Requisite
#	Consult with instructor required

**Practice Registration Schedule - Courses will not be taught in the hour or semester indicated.**

**Semester 1 - Junior**

Department / Course	Credit
Language Arts -	0.5
Science -	0.5
Math -	0.5
Social Studies -	0.5
Elective -	
Elective -	
Elective -	
Total Credits	

**Semester 2 - Junior**

Department / Course	Credit
Language Arts -	0.5
Science -	0.5
Math -	0.5
Social Studies -	0.5
Elective -	
Elective -	
Elective -	
Total Credits	

Summer School Requests:

School Year Substitutions:

Alternate Courses:


\_\_\_\_\_  
Parent / Guardian Signature

## 2024-2025 REGISTRATION CARD - Grade 12

**SENIORS:** Please **CIRCLE** your class choices from the list below.  
Keep in mind that you must have **5.5 courses** each semester.

PLACE STICKER HERE or WRITE NAME BELOW

LANGUAGE ARTS (PAGES 29-35)		
1004	Grade 10 Language Arts	1
1042	Grade 12 Language Arts	1/2
1041	AP English Literature (Full Year)	1
1008	Debate	1/2
1007	Speech	1/2
1052	Foundations of Speech	1/2
1057	College Speech 110 * ^	1/2
1047	College Composition 110 * ^	1/2
1060	College Composition 120 * ^	1/2
1051	Language Arts ACT Prep	1/4
1013	Reading Enrichment	1/2
1006	Theatre I	1/2
1029	Theatre II *	1/2
1033	Journalism I	1/2
1016	Journalism II	1/2
1011	Film Study	1/2
1025	Writing Skills	1/2
1027	Creative Writing	1/2
1053	Poetry	1/2
1046	Media Literacy	1/2
1058	World Literature	1/2
1023	Novel	1/2
1061	Graphic Novel	1/2
MATHEMATICS (PAGES 38-42)		
1103	Algebra I	1
1104	Geometry *	1
1105	Algebra II *	1
1106S1	Consumer Math I	1/2
1106S2	Consumer Math II	1/2
1107	Mathematics Applications *	1
1108	Advanced Math *	1
1111	College Algebra 103 * ^	1/2
1112	Elementary Statistics 210 * ^	1/2
1113	Pre-Calculus 107 * ^	1
1114	AP Calculus Prep *	1
1115	AP Calculus *	1
1121	Mathematics ACT Prep *	1/4
1123	Informal Geometry *	1
SCIENCE (PAGES 48-51)		
1402	STEM Seminar	1
1423	AP Biology *	1
1406	Chemistry *	1
1422	AP Chemistry *	1
1407	Physics *	1
1414	Advanced Physics: Waves, Sound, Light and Color *	1/2
1415	Advanced Physics: Electricity and Magnetism *	1/2
1409	Human Anatomy and Physiology *	1
1410	Environmental Science	1/2
1411	Geology	1/2
0107	Botany/Horticulture Science I	1/2

SOCIAL STUDIES (PAGES 52-54)		
1502S1	World History I	1/2
1502S2	World History II	1/2
1500S1	US History I	1/2
1500S2	US History II	1/2
1513	AP US History	1
1504	American Government	1/2
1514	AP American Government and Politics	1
1505	Economics	1/2
1506	Sociology	1/2
1507	Psychology	1/2
1508	Criminal Law	1/2
1511	Dual Credit Psychology ^	1/2
1515	Current Events	1/2
1518	North Dakota NOW!	1/2
AIR FORCE JROTC (PAGES 10-11)		
0013	AF JROTC 300	1
0014	AF JROTC 400 *	1
AGRICULTURE EDUCATION (PAGES 12-14)		
0100	Intro to Agriculture	1/2
0101	Hunter Safety and Natural Resources	1/2
0102	Intro to Ag Mechanics and Technology	1/2
0105	Agricultural Engines and General Mechanics	1/2
0106	Game and Meat Processing (Semester / 2 hour block)	1
0107	Botany/Horticulture Science I	1/2
0108	Botany/Horticulture Science II *	1/2
0109	Animal Care	1/2
0112	Ag. Welding	1/2
0113	Retail Floral Business and Management ^	1/2
0115	Veterinary Science *	1/2
0117	Agronomy	1/2
0119	Community Leadership and Development in Agriculture	1/2
ART (PAGES 15-18)		
0200	Art I	1/2
0212	Art II *	1/2
0217	Advanced Drawing *	1/2
0218	Advanced Painting *	1/2
0202	Ceramics I	1/2
0209	Ceramics II *	1/2
0210	Wheel-Thrown * (Semester / 2 hour block)	1
0205	Yearbook I	1
0206	Yearbook II *	1
0207	Yearbook III *	1
0213	Yearbook IV *	1
0229	Graphic Design *	1/2
0222	Advanced 2D Studio *	1/2
0224	Advanced 3D Studio *	1/2
0235	Photography I	1/2
0236	Photography II *	1/2
0237	Photography III *	1/2

BUSINESS EDUCATION (PAGES 19-20) (Page 8)		
0300	Intro to Business and Marketing	1/2
0301	World of Work	1/2
0309	Business and Personal Law	1/2
0313	Accounting I	1/2
0314	Accounting II *	1/2
0315	Sports and Activities Multimedia	1/2
0317	Entrepreneurship ^	1/2
0319	Wealth Management	1/2
0326	Personal Finance	1/2
0330	Business Finance ^	1/2
1753	Senior Internship	1/2
FAMILY AND CONSUMER SCIENCES (PAGES 22-24)		
0801	Skills for Living	1/2
0802	Housing and Interior Design	1/2
0803	Modern Sewing and Textiles I	1/2
0804	Modern Sewing and Textiles II *	1/2
0805	Foods I	1/2
0817	Foods II *	1/2
0806	Cultures and Cuisine *	1/2
0810	Culinary Arts * (Year / 2 hour block)	2
0807	Relationships	1/2
0808	Child Development and Parenting	1/2
0811	Early Childhood Education * (Year/2 hour block)	2
0819	Introduction to the Teaching Profession	1/2
0820	Careers in Education * (Semester / 2 hour block)	1
0821	Paraprofessional Training *	1/2
HEALTH SCIENCES (CTE) (PAGES 25-26)		
1705	Medical Careers I	1
1706	Medical Careers II * (Semester / 2 hour block)	1
1707	CNA / CMA * ^ (Semester / 2 hour block)	1
1730	Advanced Medical Careers * (Semester / 2 hour block)	1
1770	Principles of Biomedical Sciences	1
1771	Human Body Systems *	1
1772	Medical Interventions *	1
INFORMATION TECHNOLOGY (PAGES 27-28)		
1723	Intro to Information Technology	1/2
1724	Intro to Coding and Gaming	1/2
1725	AP Computer Sciences Principles * (PLTW)	1
1735	IT Internship / HS Tech Team	1/2
1737	Computer Hardware and Operating Systems ^	1
1739	Intro to Networking	1/2
1742	Intro to Cyber Security	1/2
1743	Intro to Computer Science/Coding (PLTW)	1
MARKETING EDUCATION (PAGES 36-37)		
0321	Marketing I ^	1
0322	Marketing II * ^	1
0332	School Based Enterprise Cooperative Work Experience *	1

MUSIC (PAGES 43-44)		
1204	Grade 10-12 Band	1
1208	Grade 11 and 12 Jazz Band **	1
1206	String Orchestra	1
1215	Women's Ensemble *	1
1212	Symphonic Choir	1
1213	A-capella Jazz/Pop Choir @	1
1214	Music Theory	1
PHYSICAL EDUCATION (PAGES 45-47)		
1303	Adapted/Unified Physical Education	1/2
1307	Yoga/Muscle Pump	1/4
1314	Team Sports	1/4
1349	Racquet Sports/Volleyball	1/4
1361	Flag Football/Basketball	1/4
1371	Water Activities	1/4
1372	Weight Training	1/4
1391	Volleyball/Yoga	1/4
1393	Walking for Fitness	1/4
1394	Yoga	1/4
1395	Officiating	1/4

SPECIAL SERVICES (PAGES 55-60)		
1612S1	Transition	1/2
1612S2	Transition	1/2
STUDENT SUCCESS (PAGE 61)		
0946	School to Life: Skills for Success	1/2
0947	AVID	1
0953	Peer to Peer Leadership I	1
TECHNOLOGY AND ENGINEERING EDUCATION (PAGES 62-63)		
1704	Energy and Transportation	1/2
1727	Principles of Engineering and Design	1/2
1729	How Stuff Works	1/2
1745	Construct It	1/2
1748	Advanced Engineering *	1
1773	Introduction to Robotics	1/2
1776	Gamers and Game Design	1/2

*	Pre-Requisite
^	Dual Credit
§	Summer Only
@	Audition Only
**	Co-Requisite
#	Consult with instructor required

TRADES AND INDUSTRY (PAGES 64-66)		
1714	Intro to Building Trades	1/2
1762	Electrical Wiring (Semester / 2 hour block)	1
1763	Residential Plumbing (Semester / 2 hour block)	1
1715	Construction Technology I	2
1716	Construction Technology II *	2
1717	Welding I	2
1718	Welding II *	2
1719	Auto Technology I	2
1720	Auto Technology II *	2
1721	Auto Collision Repair and Painting I	2
1722	Auto Collision Repair and Painting II *	2
1740	Intro to Commercial Drivers License (CDL) (Semester / 2 hour block)	1
1760	Aviation Technology I	1
1761	Aviation Technology II * (2 hour block)	2
WORLD LANGUAGES (PAGES 67-69)		
0600	French I	1
0601	French II *	1
0602	French III *	1
0603	French IV *	1
0604	German I	1
0605	German II *	1
0606	German III *	1
0607	German IV *	1
0608	Spanish I	1
0609	Spanish II *	1
0610	Spanish III *	1
0611	Spanish IV *	1

Practice Registration Schedule - Courses will not be taught in the hour or semester indicated.

#### Semester 1 - Senior

Department / Course	Credit
Total Credits	

#### Semester 2 -Senior

Department / Course	Credit
Total Credits	

Summer School Requests:

School Year Substitutions:

Alternate Courses:


Parent / Guardian Signature

# MINOT PUBLIC SCHOOLS

## 4 Year Plan of Study

(One additional credit of PE is required in grade 10, 11, or 12)

Student \_\_\_\_\_ Counselor \_\_\_\_\_

FRESHMAN– 7 courses required	
9th Language Arts	9th Language Arts
Biology	Biology
Math	Math
Phy. Ed/Health	Phy. Ed/Health

SOPHOMORE – 7 courses required	
10th Language Arts	10th Language Arts
World History	World History
Biology	Biology
Math	Math

JUNIOR– 6.5 courses per semester required	
11th Language Arts	11th Language Arts
US History	US History
Science	Science
Math	Math

SENIOR – 5.5 courses per semester required	
Language Arts	Language Arts
American Government	Economics

### North Dakota University System Entrance Requirements

All students who graduate from high school and plan to attend a four-year school in North Dakota University System, must have the following credits:

- ☒ four credits of language arts
- ☒ three credits of mathematics (Algebra I and above)
- ☒ three credits of laboratory science
- ☒ three credits of social studies