WEST FARGO
PUBLIC SCHOOLS

2024-2025
Course Catalog
Grades 9-12

Graduation Requirements

The proper selection of courses by learners is an important matter. It is important to the learners that each course should be carefully selected as an integral part of their four-year educational plan. Read carefully, the course selections are equally as important to the school district as commitments for staffing for the ensuing year are based on the learner selections. Therefore, changes in learner course selections after July 1 will only be made in cases of extreme hardship. All changes must have the approval of the school assistant principal or principal.

Course	Credits
English	4
Health	½
Mathematics: at least 1 credit in Basic Math, Pre-Algebra, or Algebra 1	3
Physical Education	1 ½
Science: Physical Science (or 1 yr of Physics + 1 yr of Chemistry), Biology, And 1 other science course	3
Social Studies: World Geography or AP Human Geography (1/2 credit) Western Civilization or AP European History (1 credit) US History or AP US History (1 credit) US Government or AP Government (1/2 credit) Economics or AP Economics (1/2 credit)	3 ½
Required Credits	**15 ½**
Elective Credits: three must be a combination of world language, fine arts, or career and technical education	7 ½
Minimum credits required for graduation	**23**

To qualify for graduation, a senior must have enrolled in a high school during grades 9, 10, 11, and 12 for four separate school year terms. An exception to this policy may be made for learners if they have the approval of their parents or the principal. In addition, according to school board policy, learners must complete all requirements for the high school diploma in order to participate in commencement exercises.

Learners shall be enrolled each year in courses that will give them at least 6 credits unless the principal has granted permission to take a reduced load. Additional courses may be taken from the list of electives each year to meet the minimum requirements.

Learners must make an effort to make up any course failed through summer school or approved correspondence/online school before the next fall term starts. Courses failed and not made up by the beginning of the next school year must be scheduled for that school year. Special permission must be obtained to take further courses in the same field until failures have been removed.

Recommended Course Registration by Grade

Grade 9	Cr	Grade 10	Cr	Grade 11	Cr	Grade 12	Cr
English I or Honors	1	English 1I or Honors	1	English III or AP Language & Composition	1	Senior Composition & Elective or AP Literature & Composition	1
Algebra I or Geometry	1	Geometry or Algebra II	1	Algebra II or other Math	1	Math of choice	
World Geography or AP Human Geography	1	Western Civ or AP Euro	1	US History or AP US History	1	Government or AP Government	1
Physical Science or Biology	1	Biology, Chemistry, or Physics	1	Chemistry or Physics	1	Economics or AP Economics	½
Health	½					Science of choice	

Commencement Recognition
Graduating seniors who have attained any or all of the following will be given special recognition during commencement exercises:
• Active membership in the National Honor Society
• A grade point average of 3.50 or better for all courses grades 9-12 taken up to and during the first semester of the senior year (Graduating with Honor)

Admission requirements for public campuses in the North Dakota University System
Certain high school courses are required if the learner plans on enrolling in a four-year public college or university in North Dakota (North Dakota State University, University of North Dakota, Dickinson State, Mayville State, Minot State, and Valley City State). To enroll in one of these institutions the following must be completed:
• 4 units of English
• 3 units of mathematics; a minimum of Algebra I, Geometry, Algebra II
• 3 units of laboratory science, including at least 2 in biology, chemistry, physics, or physical science
• 3 units of social studies, excluding consumer education, marketing, orientation to social studies, and marriage/family
In addition, it is strongly recommended that the learner also complete:
• 2 units of a single classical or world language, including American Sign Language and Native American Language

Admission requirements for public campuses other than North Dakota
State university systems outside of North Dakota also maintain high school preparation standards. For those requirements, please visit one of the high school counselors or contact the college or university of interest to you.

Post Secondary Admission Criteria
Learners planning to attend either a technical college or university must pay very careful attention to admission requirements prior to selecting their high school courses. In most cases, college requirements exceed the minimum requirements needed to graduate from high school. Admission requirements vary considerably depending upon the college or university that the learner plans to attend, and the major field of study pursued. *It is essential that learners and parents/guardian(s) check specific college entrance requirements with the college of interest.*

Programs and Course Offerings

Advanced Placement Program
The College Board's Advanced Placement (AP) Program is an opportunity for learners to pursue college-level studies while still in secondary school and to receive advanced placement credit. By challenging and stimulating learners, the AP program provides access to high quality education by accelerating learning, achievement, and enhancing both high school and college programs.

Benefits of Advanced Placement Classes
The AP Program benefits learners in many different ways:

- Learners may receive college credit or placement for satisfactory test scores.
- Learners discover how to manage their time while dealing with college level work.
- Learners improve their chances of being accepted by the college of their choice.
- AP courses encourage critical and creative thought and fine tunes analytical skills.
- Learners may be granted sophomore standing in college.
- Learners study material in greater depth and develop independent study skills.

Advanced Placement Courses offered by West Fargo Public Schools

Dual Credit Program
Learners interested in participating in the Dual Credit Program should see their assigned counselor for more information. The dual credit program allows sophomores, juniors, and seniors in North Dakota's schools to take courses offered by an approved post-secondary institution for both high school and post-secondary credit. The program provides learners with a greater variety of class offerings and the opportunity to pursue more challenging course work.

Eligible learners: Any North Dakota learner enrolled in grade ten, eleven, or twelve in public high school who has received permission from the principal and who has a cumulative GPS of at least 3.0 will be considered.

Participation

- Permission to enroll: Learners must obtain written approval from the principal before enrolling in a course for dual credit.
- Credits: a three-semester hour course offered by a post-secondary institution is equivalent to a ½ high school credit. The law does not specify the number of credits a learner may earn.
- Cost: The learner and their parent/guardian(s) are responsible for all costs related to receiving post-secondary credit. Costs include tuition, fees, textbooks, materials, equipment, and other necessary charges related to receiving post-secondary credit, such as transportation.
- Extracurricular Activities: Enrollment in dual credit courses does not reduce a learner's eligibility to participate in high school extracurricular activities.
- Transferring Post-Secondary Credits: Transferring post-secondary credits to another institution will depend on the new institution; however, credit earned at regionally accredited institutions will generally transfer.
- Withdrawal or Failure: The learner who withdraws from a course must inform the post-secondary institution and the high school right away. Learners must follow established post-secondary college procedure when withdrawing from or failing a course.

NORTH DAKOTA CHOICE READY

The North Dakota ***CHOICE READY*** framework is a tool to assist educators to ensure all students successfully depart high school possessing the **ESSENTIAL SKILLS** necessary to be ready for life. The journey begins by ensuring students leave having the **ESSENTIAL SKILLS** to be successful for whichever path they choose. Students shall then strive to be **POST-SECONDARY READY, WORKFORCE READY,** and/or **MILITARY READY.**

ESSENTIAL SKILLS

Earn a North Dakota high school diploma

Complete a **9-week Career Education Course/Individual Counseling** (15.1-21-18), **Financial Literacy** (15.1-21-21), and pass **ND Civics Test** (15.1-21-27), **Computer Science/Cybersecurity Requirement** (15.1-21-02.2), and **four or more additional indicators:**

- 25 hours of Community Service
- Two or More Years in Organized Extra-Curricular Activities
- 95% Attendance (not counting school-related absences)
- Successfully Complete a Capstone Project
- Career Exploration Experience
- Successfully Complete an Online Learning Course
- Two or More Years in Organized Co-Curricular Activities
- Demonstrate Competency in 21st Century Skills

Students shall then complete two or more of the *CHOICE READY* components below.

POST-SECONDARY READY

Complete a **Four-Year Rolling Career Plan,** and earn a **2.8 GPA or greater,** and complete one academic indicator set below:

ACT / SAT minimum or subsections scores:

ACT English – 18
ACT Reading – 22
ACT Math – 21
ACT Science – 23
SAT Reading/Writing – 480
SAT Math – 530

or

Two or more additional indicators:

- Advanced Placement Course (A, B, or C) or (4, 3, or 2)
- Dual Credit Course (English or Math) (A, B, or C) or (4, 3, or 2)
- Algebra II (A, B, or C) or (4, 3, or 2)
- Advanced Placement Exam (3+)
- International Baccalaureate Exam (4+)
- 3.0 GPA in core course requirement for NDUS admission
- CREAM (Eng./Math) Course (70% or greater)
- Complete three Fine Arts Courses (A, B, or C) or (4, 3, or 2)

WORKFORCE READY

Complete a **Four-Year Rolling Career Plan,** and complete two or more additional indicators:

- Complete three CTE courses or more (A, B, or C) or (4, 3, or 2)
- Complete Career Ready Practices (3.0)
- Dual Credit Course (A, B, or C) or (4, 3, or 2)
- WorkKeys (Gold or Silver)
- Technical Assessment/Industry Credential
- Workplace Learning Experience (40 hrs.)
- Work-based Learning Experience (Perkins V) (40hrs)
- NDSA (Reading/Math) Level 3 or greater or (ACT for Accountability: English – 19/Math – 22)
- Complete three World Language Courses (A, B, or C) or (4, 3, or 2)

MILITARY READY

Complete a **Four-Year Rolling Career Plan, ASVAB score of 31 or greater** (as determined by branch), or acceptance into the military.

Quality Citizenship (No Expulsions/Suspensions)

Physically Fit - Successfully complete required PE courses (A, B, or C) or (4, 3, or 2)

and

Complete **two or more** additional indicators from the **Post-Secondary** or **Workforce** options.

or

Complete two credits of JROTC or Civil Air Patrol

Updated August 11, 2023s

NORTH DAKOTA SCHOLARSHIP as aligned to the Choice Ready Framework

The North Dakota Scholarship framework is a tool to assist educators in understanding the requirements of the ND Scholarship, as listed in North Dakota Century Code 15.1-21-02.10. Requirements begin with the **ESSENTIAL SKILLS** section. Students shall then strive to be **POST-SECONDARY READY, WORKFORCE READY,** and/or **MILIITARY READY,** according to the requirements listed below.

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

Check here when student has complete Essential Skills ☐

☐ Earn a **North Dakota high school diploma**

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

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

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

Check here when student is Post-Secondary Ready ☐

POST-SECONDARY READY

Complete both indicator sets below:

ACT/SAT minimum composite score:

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

and

Two or more additional indicators:

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

Check here when student is Workforce Ready ☐

WORKFORCE READY

Complete both indicator sets below:

- ☐ 4 credits of CTE with 2 credits in same plan of study, **OR** 3 credits of same world language, Indigenous language, or sign language
- ☐ ACT of 24, or 5 or higher on all three WorkKeys tests or SAT composite of 1180

and

Two or more additional indicators:

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

Check here when student is Military Ready ☐

MILITARY READY

Complete both indicator sets below:

- ☐ **ASVAB score of 50 or greater,** or ASVAB score of 31 or greater and have completed Basic Training;
- ☐ **Physically Fit** – Successfully complete required PE courses (A, B, or C) (4, 3, or 2);

and

One indicator set:

- ☐ Complete **two or more** additional indicators from the **Post-Secondary** or **Workforce options:**
  - ☐ _____
  - ☐ _____
- ☐ 2 credits of JROTC
- ☐ Phase One of the Cadet Civil Air Patrol Program

Updated August 11, 2023

Extracurricular Participation Requirements
Academics: While participating in high school extracurricular activities, a learner must be enrolled in six credit-bearing courses per semester (the passing grade will be computed from the beginning of the semester or quarter). A learner who has special permission to be enrolled in less than 6 credit-bearing courses per semester must have their eligibility approved by the principal (examples: a learner taking college classes, extended illnesses, enrolled in Community High School, or the Virtual Program).

To be eligible to participate in high school extracurricular activities, learners cannot be failing more than one course and must have zero detention hours.

To be eligible to participate in middle school extracurricular activities, learners cannot be carrying a "1" in more than one course.

Learners at the middle and high school level MUST be in attendance for ALL enrolled courses on the day of a practice, competition, or contest to be able to participate. For weekend or non-school day contests, learners must have been in attendance for ALL enrolled courses on the most recent school day prior. Exceptions for medical appointments (with a note from a medical professional) and special circumstances determined by the learner's administrator will be made as needed.

If a learner is dropped from a course as a withdraw fail (WF) or loss of credit (LC), those designations on the learner's transcript hold the weight of an F and negatively impact learner eligibility until the learner recovers the credit or the first eligibility pull of the following semester.

Academic eligibility for a learner in high school and middle school shall be determined weekly beginning with the second week of each quarter.
High School Learners are able to become eligible throughout the week if they are able to meet the requirement of failing NO MORE than ONE course. Educators are expected to update gradebooks weekly, the evening before eligibility is pulled, and learners must plan accordingly if they expect updated grades for missing or redone assignments.

If a week has three days or less, no changes in eligibility will occur.

Learner eligibility at the beginning of the semester shall be determined by the prior semester's grades. Learner eligibility at the beginning of the second quarter and fourth quarter shall be determined by the prior quarter's grades. At the beginning of a quarter or semester, an ineligible learner may become eligible after two weeks have passed from the first day of the quarter or semester and the learner has been deemed academically eligible. This is when the first list will be published for the next grading period. Spring activities with contests following graduation will be governed by the eligibility list that was in effect for the last portion of the fourth quarter.

Extracurricular supervisors and administrators will monitor academic standings and notify individual learners if they become ineligible.

NCAA Guidelines
If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. Plan to register before your freshman year of high school (or year nine of secondary school). Visit on.ncaa.com/RegChecklist to help guide you through the registration process.

<u>Academic Requirements</u>

To study and compete at a Division I or II school, you must earn 16 NCAA-approved core-course credits, earn a minimum 2.3 (Division I) or 2.2 (Division II) core-course GPA and submit your final transcript with proof of graduation to the Eligibility Center.

Core Course Requirements

Division I – Earn 16 NCAA approved core-course credits in the following areas:

- English – 4 years
- Math (Algebra I or higher) – 3 years
- Science (including one year of lab, if offered) – 2 years
- Additional (English, Math, or Science) – 1 year
- Social Science – 2 years
- Additional Courses (any area listed above, world language or nondoctrinal religion/philosophy) – 4 years

For Division I, 10 of your 19 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math, or science.

Division II – Earn 16 NCAA-approved core-course credits in the following areas:

- English – 3 years
- Math (Algebra I or higher) – 2 years
- Science (including one year of lab, if offered) – 2 years
- Additional (English, Math, or Science) – 3 years
- Social Science – 2 years
- Additional Courses (any area listed above, world language or nondoctrinal religion/philosophy) – 4 years

Grade-Point Average

The Eligibility Center calculates your core-course GPA based on the grades you earn in NCAA-approved core courses.

- Division I requires a minimum 2.3 core-course GPA.
- Division II requires a minimum 2.2 core-course GPA.

Division III - While Division III schools set their own admissions and academic requirements, international student-athletes (first-year enrollees and transfers) who initially enroll full time at a Division III school on or after Aug. 1, 2023, are required to complete an Amateurism-Only Certification account. Contact the Division III school you plan to attend for more information about its academic requirements.

Agriculture Education

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Intro to Agriculture	0.5		10, 11, 12	Microsoft Teams				01011
Plant Science I	0.5		10, 11, 12	Microsoft Teams				01053
Plant Science II	0.5		10, 11, 12	Microsoft Teams	Plant Science I			01054
World Agriculture	0.5		10, 11, 12	Online	Prior Ag Course			01069

Intro to Agriculture
This applied course is designed to enhance learner perceptions of agriculture, its applications, and leadership development as the core foundation of the Agriculture Education program. Topics may include soils, irrigation, land judging, plants, crop and weed identification, range management, horticulture, nursery, diseases, insects, and chemicals. This applied course introduces learners to agricultural sciences with emphasis on technical skills, entrepreneurship, and occupational opportunities.

Plant Science I
Learners will study Botany/plant science, plant propagation, and managing the business of raising and selling plants. Hands-on experiences will include computer assisted landscape design, home and business landscaping, commercial greenhouse operation, plant nutrition, landscape beautification, and community involvement. Learners raise a variety of bedding plants, flowers, ornamentals, and garden plants as a part of the lab activities and work on community floral projects. This class will be delivered through hybrid model of on-line coursework, field trips, and lab activities.

Plant Science II
Plant Science II explores plant life through the lens of produce, greenhouse/nursery plants, plant growth, and reproduction structures. Topics to be covered include plants, plant identification, soils for growth, and plant entomology. The course examines the importance of plant cell structures, functions of cells, plant processes, nonvascular plants, vascular plants, roots, stems, leaves, flowers, and reproduction of plants. Learners may be introduced to the biological, environmental, conservation, and ecological. Landscape Design prepares learners to design, construct, and maintain planted areas and devices for the beautification of home grounds and other areas of human habitation and recreation. This class will be delivered through hybrid model of on-line coursework, field trips, and lab activities.

World Agriculture
World and International Agriculture is designed to introduce learners to global agriculture. This course also includes agricultural career development, leadership, communications, and personal finance. Learning activities vary with classroom, laboratory, and field experiences. Leadership development and supervised agricultural experience programs are an integral part of this course.

Air Force Junior Reserve Officer Training Corps (AFJROTC)

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
AFJROTC (Exploring Space)	1		9, 10, 11, 12	Fargo South High			Travel to	01011

							Fargo South	

AFJROTC (Exploring Space)
The Exploration of Space examines the history of Astronomy, looks at our solar system, and explores the history of space exploration to include manned space flight. Learner's study physiological problems encountered in space flight and learn the complexities of orbital mechanics. In addition, Learners will receive leadership education that covers managing individual and group behaviors, understanding work teams, interpersonal skills, drill and ceremony, and health and wellness.

Biomedical Sciences

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Human Body Systems	1		10, 11, 12	H	Principles of Biomedical	Yes		10732
Medical Interventions	1		11, 12	H, S	Principles of Biomedical			10734
Principles of Biomedical Science	1		9, 10, 11, 12	H, S		Yes		10730

Human Body Systems
Step inside the human body and explore the systems that help us move, protect us from disease or injury, and facilitate communication within the body and with the outside world. Solve a medical mystery. Analyze a medical case file and diagnose disease. Design experiments to explore structures and function of the human body. How do the systems of the body work together to keep us well?

Medical Interventions
Investigate principles related to disease management and a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. By following the life of a fictitious family, learners investigate how to prevent, diagnose, and treat disease. Exploration in 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 is done through real-world case studies.

Principles of Biomedical Science
Learners will explore concepts of biology and medicine to determine factors that led to the death of a fictional person. Learners will examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. Learners are introduced to human physiology, basic biology, medicine, and research processes while designing their own experiments to solve problems.

Business Management & Education

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Accounting I	0.5		10, 11, 12	H, S, WF				14010
Accounting II	0.5		10, 11, 12	H, S, WF	Accounting I			14011
Accounting III	0.5		11, 12	H, S, WF	Accounting I & II			14012

Accounting IV	0.5		11, 12	H, S, WF	Accounting I, II, & III			14013
Advanced Keyboarding	0.5		9, 10, 11, 12	S, WF				14094
Business & Personal Finance	0.5		10, 11, 12	H, S, WF				14095
Business Law	0.5		10, 11, 12	H, S, WF				14090
Exploring Business Computer Applications	0.5		9, 10, 11, 12	S, WF				14024
Fundamentals of Business	0.5		9, 10, 11, 12	H, S, WF				14230
Web Design	0.5		10, 11, 12	S, WF				14022

Accounting I
Accounting I is an introduction to the concepts of systematic keeping of financial records for a small business such as proprietorship, partnership, and the beginning of a corporation. Computers will be used for automated accounting. Simulations will incorporate actual business papers. This course will prepare learners for careers in accounting, business, or office occupations.

Accounting II
Learners in Accounting II will continue learning the fundamental concepts of accounting. Topics covered include terminology, accounting cycle, basic concepts, financial statements, roles of accountants, and ethics in accounting.

Accounting III
Learners in Accounting III will acquire a more thorough, in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Learners will develop skills in analyzing and interpreting financial information common to businesses. A contemporary business simulation set that lets the learner put accounting skills into practice is often included.

Accounting IV
Learners in Accounting IV will continue to develop skills in analyzing and interpreting information common to corporate forms of organization, preparing formal statements and supporting schedules, and using inventory and budgetary control systems. Higher-level corporate, managerial, and cost accounting concepts are presented in this course. A contemporary business simulation set that lets the learner put accounting skills into practice is often included.

Advanced Keyboarding
Advanced Keyboarding is for learners who struggle with keyboarding or are not ready to enter a computer applications course. Advanced Keyboarding emphasizes increased keying power. This course includes the formatting of letters, envelopes, tables, reports, term papers, manuscripts, memorandums, and a variety of business forms.

Business & Personal Finance
Business finance is the lifeline of an organization. Learn skills and concepts for business and personal use, including banking, budgeting, checking, savings, investing and credit, communication, decision-making, record management, taxes, marketing, consumerism, and computer technology. Gain insight into the business world, careers, and entrepreneurship through

projects, simulations, and business speakers. The course is designed to assist all learners in acquiring an understanding of the facets of the American business environment.

Business Law
Explore criminal law, civil law, personal and tort law, contract law, landlord-tenant laws, insurance laws, and other topics related to the legal system. This class introduces the history of the American legal system and provides an awareness of the law as it relates to the learner's role as a consumer. Guest speakers and field trips may be included when available.

Exploring Business Computer Applications
Microsoft Office Suite is one of the most common software programs in schools and office setting for production of documents, spreadsheets, brochures, presentations, and more. In this course, learners will receive introductory units in Microsoft Word, Excel, Publisher, and PowerPoint to apply skills to business and office projects. Time may be spent on improving keyboarding skills, if needed.

Fundamentals of Business
Explore the idea of pursuing a career in business. Learn about business professional skills to manage personal resources, evaluate ethics in the workplace, and explore basic entrepreneurship. This course also provides concepts and knowledge to help prepare learners for making valuable decisions in everyday living. Guest speakers from local businesses and organizations will be included as they become available.

Web Design
Web sites continue to be the foundation for today's companies and/or entrepreneurs to promote and sell business products. The Web Design course teaches learners to think like a designer and apply web-based technology skills to build a web site. Learners will learn how to use web development software to create a basic site, hypertext markup language (HTML) to manipulate pages, and Photoshop to edit graphics. Learners will be trained how to format and design basic web pages using links, navigation bars, images, image maps, tables, forms, Flash text, AP elements, and templates.

Driver's Education

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Driver's Education	0.5		9, 10, 11, 12	H, S, WF				21012

Driver's Education
This course consists of the textbook study of driving, along with simulation training. Topics included are signs, signals, and roadway markings; basic car control; basic car maneuvers; negotiating intersections; sharing the roadway; and driving in urban and rural areas, including expressways. Learning to drive in adverse conditions and what to do in case of an emergency is an important focus of the class. The class concludes with a unit on what alcohol and other drugs do to a person's driving ability. This class is taught using lectures, simulators, and guest speakers. It is used to prepare learners for driving and owning a vehicle.

English Language Arts

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3

Advanced Placement Research	0.5	*	11, 12	H, S, WF	Advanced Placement Seminar		*	20077
Advanced Placement Seminar	0.5	*	10, 11	H, S, WF			*	20078
AP English Language & Composition	1	*	11	H, S, WF			*	05580
AP English Literature & Composition	1	*	12	H, S, WF			*	05581
Composition I	0.5	*	12	H, S, WF	Acuplacier or ACT	*	*	05040
Composition II	0.5	*	12	H, S, WF	Composition I		*	05041
Contemporary (Modern) Literature	1		10, 11, 12	H, S, WF	English II			05033
Creative Writing	0.5	*	10, 11, 12	H, S, WF			*	05042
Debate and Argumentation I	0.5		10, 11, 12	H, S, WF		*		05094
English I	1		9	H, S, WF		*		05071
English II	1		10	H, S, WF	English I	*		50572
English III	1		11	H, S, WF	English II	*		05073
English Intervention			9, 10, 11, 12	H, S, WF			*	05012
English Literature	1		10, 11, 12	H, S, WF	English II			05034
Fundamentals of Public Speaking	0.5	*	10, 11, 12	H, S, WF		*	*	05092
Honors Freshman English	1		9	H, S, WF		*		05071
Honors Sophomore English	1		10	H, S, WF	English I	*		05072
Journalism and News Media I-II	1		9, 10, 11, 12	H, S, WF				05081
Journalism and News Media III	1		11, 12	H, S, WF	Journalism and News Media I-II			05082
Journalism and News Media IV	1		12	H, S, WF	Journalism and News Media III			05082
Photojournalism and Graphic Design I-II	1		9, 10, 11, 12	H, S, WF				05081

Photojournalism and Graphic Design III	1		11, 12	H, S, WF	Photojournalism and Graphic Design I-II			05082
Photojournalism and Graphic Design IV	1		12	S, WF	Photojournalism and Graphic Design III			05082
Senior Literature	0.5		12	H, S, WF	English III			05077
Video Production I-II	1		9, 10, 11, 12	S, WF				05099
Video Production III	1		11, 12	S, WF	Video Production I-II			05099
Video Production IV	1		12	S, WF	Video Production III			05099

Advanced Placement Research
AP Research is the second class needed to complete the AP Capstone Diploma program—an innovative program that provides learners the opportunity to develop skills for college and career success, such as research, collaboration, and communication. In order to receive the AP Capstone Diploma, learners must earn a score of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing. The AP Capstone Diploma signifies outstanding academic achievement. In AP Research, learners design and defend a year-long research-based project on a topic of their choosing, building on the skills learned in AP Seminar. Through this inquiry process, learners design, plan, and implement a yearlong investigation to address a research question.

Advanced Placement Seminar
AP Seminar is the first class needed to complete the AP Capstone Diploma program—an innovative program that provides learners the opportunity to develop skills for college and career success, such as research, collaboration, and communication. To receive the AP Capstone Diploma, learners must earn a score of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing. The AP Capstone Diploma signifies outstanding academic achievement. In AP Seminar, learners will engage in cross-curricular conversations to evaluate complex topics and real-world issues. AP Seminar is project-based learning in which learners synthesize sources, provide written arguments, and develop presentations on topics of their choosing.

AP English Language & Composition
Learners in this introductory, college-level course read and analyze a broad and challenging range of fiction and nonfiction, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, learners develop their ability to work with language and text with a greater awareness of purpose and strategy, while strengthening their own composing abilities. Summer reading and writing is required. Learners prepare for the AP Exam in English Language and Composition and may be granted college credit as a result of satisfactory performance.

AP English Literature & Composition
This course is recommended for college-bound learners. It will involve learners in both the study and practice of writing and analysis of literature on an advanced level. Reading will include poetry, drama, fiction, and expository literature. Writing assignments will cover a wide array of topics, including the critical analysis of literary works. This class also includes preparation for the Advanced Placement Literature test in the spring should learners choose to take that test.

Composition I

Guided practice in the reading and writing of various genres for different situations and audiences. Includes research on the web and in the library.

Composition II
Advanced practice in reading and writing of various genres for different situations and audiences. Includes field research, collaboration, and visual communication.

Contemporary (Modern) Literature
Modern Literature has the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on the literature written during or reflecting a particular time period (such as the French Revolution, the 1960s, or the 20th century). Students determine the underlying assumptions and values within the selected works, reflect upon the influence of societal events and social attitudes, and compare the points of view of various authors. Oral discussion is integral to literature courses, and written compositions are often required.

Creative Writing
Creative writing offers learners the opportunity to develop and improve their technique and individual style in a wide variety of prose. The emphasis of the course is on writing; however, learners may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. As a dual credit option, learners will engage in advanced experiences and analysis of short stories, poetry, and novels.

Debate and Argumentation I
This course will include analysis of current controversial issues, methods and materials of research, evidence, applied logic and reasoning, construction of debate cases, audience analysis, and the use of strategy in debate. Learners will enhance oral advocacy and refutation skills, while familiarizing themselves with the theoretical background of academic debate and argument. Learners taking this course can develop strategies for value-based and policy debate as well.

English I
English I will emphasize basic language skills including spelling, grammar, and composition. Literature will include drama, short stories, poetry, and a novel. In addition to regular course work, learners will be required to read library books.

English II
English II will emphasize writing and grammar skills through composition. Learners will be required to write an informative research paper with a follow-up speech. Literature will include a survey of short stories, a unit on drama, poetry, biography, essays, and a novel. Learners will also be required to read library books.

English III
English III is a survey of American Literature from the Puritans through the Modern Period. American short stories, poetry, essays, biographies, novels and drams are included. The focus of this course will be the development of communication skills, and learners are expected to express themselves in both the oral and written word. A series of speeches are required as well as a persuasive research paper.

English Intervention
English Intervention is designed to assist struggling and/or failing students in an English course. This course should be provided in conjunction with the regular English course to pre-teach, re-teach, or provide enrichment to the student to prevent the need to modify the school's existing English curriculum. This course should be a structured class period that will build upon the

existing reading, writing, and language skills needed for students to achieve the opportunity for success in their current and/or future English courses.

English Literature
English Literature may survey British literature or focus on a selected timeframe of England's history. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and understand how the literature reflects the society of the time. Oral discussion is integral to literature courses, and written compositions are often required.

Fundamentals of Public Speaking
This course introduces the learner to a variety of speaking situations. Learners will make use of various methods of delivery, recognize the characteristics that differentiate various genres of speeches, and develop orderly speech designs that relate to certain audience dynamics. *Dual credit information will be provided. Application fees may apply.

Honors Freshman English
This course is recommended for highly motivated freshman who excel in reading, writing, critical thinking, and reflection skills. Learners will read and analyze a variety of fiction and non-fiction texts, as well as evaluate information presented in diverse media formats. Writing will encompass a variety of forms and structures. This course can help prepare learners for Honors 10 English as well as Advanced Placement Junior and Senior English classes. (This is a weighted course.)

Honors Sophomore English
This course is recommended for highly motivated sophomores who did well in English classes in their freshman year. Learners will read novels, short stories, poetry, drama, and expository literature. Writing assignments will cover a wide variety of topics from analysis of literary works, to tracing thematic elements, to writing the sophomore research paper. In addition to reading and writing, Learners will participate in activities including class discussion and oral presentations. This class can help prepare learners for Advanced Placement Junior and Senior English classes. (This is a weighted course.)

Journalism and News Media I-II
All learners will practice the fundamentals of print and digital media.

Journalism and News Media III
All learners will practice the fundamentals of print and digital media. All learners will have an active social media presence, using various social media tools to communicate information to the community.

Journalism and News Media IV
All learners will participate in the editorial board, making all content and staffing decisions. Learners will attain skills related to interviewing, writing, and editing stories, photography, videography, designing web space and laying out newspaper pages. They will help produce the monthly print newspaper using the professional-level desktop publishing and graphics and photo manipulation software.

Photojournalism and Graphic Design I-II
All learners will participate in the editorial board, making all content and staffing decisions. Learners will attain skills related to interviewing, writing, and editing stories, photography, videography, designing web space and laying out newspaper pages. They will help produce the monthly print newspaper using the professional-level desktop publishing and graphics and photo

manipulation software. Learners will have their work published in both print and digital formats and develop a working portfolio for future scholarships, internships, and college applications.

Photojournalism and Graphic Design III
Learners will work on career-readiness skills such as digital communication, collaboration, teamwork, and critical thinking as they produce a yearbook.

Photojournalism and Graphic Design IV
Learners will have an active social media presence to communicate ideas and information to the community. All learners will participate in reporting information and designing pages throughout the year.

Senior Literature
The goal of this semester class is to expose learners to issues explored through literature to prepare them to be global citizens as well as life-long readers. Writing is also included in this course.

Video Production II
Learners will be introduced to the fundamentals of broadcast journalism, which will include interviewing, writing for broadcast and editing video, photography, and designing a weekly news program. All learners will have an active social media presence to communicate ideas and information to the community. Learners will being developing a working portfolio for future scholarships, internships, and college applications.

Video Production III
Level III and IV learners will participate in the editorial board, making all content and staffing decisions. All learners will have an active social media presence to communicate ideas and information to the community. Learners also can live webcast and perform play-by-play during various district events, as well as help produce the weekly broadcast using the industry-standard video editing software and graphics and photo manipulation software. Learners will develop a working portfolio for future scholarships, internships, and college applications.

Video Production IV
A continuation of Level III.

English Learners (EL)

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
EL Language Arts I-IV	1		9, 10, 11, 12	S, WF	*			05071 05072 05073 05074
EL Language Arts Development I-IV	1		9, 10, 11, 12	S, WF	*			05011
English Learner Speech	0.5		10, 11, 12	WF				05091
Newcomer Business	0.5		9, 10, 11, 12	WF				20065
Newcomer English	1		9, 10, 11, 12	WF				05012
Newcomer Reading	1		9, 10, 11, 12	WF				05011
Newcomer Resources	0.5		9, 10, 11, 12	WF				24010
English Learner Social Skills (Accessing the Community)	0.5		9, 10, 11, 12	WF				20065

EL Language Arts I-IV
EL Language Arts I-IV courses are designed for learners who are acquiring English as a new language and meet the requirements for graduation as an English Credit. The courses follow ND English Language Arts Standards. These courses are taken in conjunction with EL Language Development courses at the appropriate level. These courses have an emphasis on reading a variety of information texts and literature, writing across genres, grammar, and developing speaking and listening skills through discussion.

EL Language Arts Development I-IV
These courses are designed for learners who are acquiring English as a new language and taken in conjunction with the appropriate EL Language Arts course. The courses are structured to allow learners to move to the next level language proficiency as the gain new English skills and based on the WIDA English Language Development Standards. The focus is on comprehension skills, reading fluency, phonological awareness, and both social and academic vocabulary.

English Learner Speech
This course is an introduction to various types of oral communication situations: conversation, group discussion, and problem solving, interpersonal communication, nonverbal communication, and public address. Exploration and application of skills such as: gathering information, speech planning, speech organization, delivery techniques, listening skills, communication theory, and understanding persuasion.

Newcomer Business
This is a foundational course designed for those just starting to learn English. There is an emphasis on keyboarding skills as well as basic computer functions which includes but is not limited to: creating a word document, saving a word document, how to operate the district's learning management system (Schoology), as well as using Office 365 to create and save computer generated materials.

Newcomer English
This is a foundational course that focuses on developing everyday English vocabulary and conversational skills. Learners will be taught how to write using basic sentence structures in English. This is designed for those who are just starting to learn English.

Newcomer Reading
This is a foundational course that includes phonics, basic word, and sentence comprehension as well as reading skills designed for those just learning to read in English.

Newcomer Resources
This class is for learners that have been placed in the Newcomer program at WFHS. Learners will work on basic math skills, social studies skills, life skills, as well as study skills. There will be a focus helping learners become acclimated to a new life in America and at West Fargo High School all while working on social and academic language in English across content areas.

English Learner Social Skills (Accessing the Community)
The course will focus on learning social skills allowing English learners to successfully navigate their school and the community in which they live. The course will consist of five areas: community, health, finances, understanding the home, and safety. By organizing skills through these five areas, learners will be able to access many of the services that allow them to be successful as they transition to living within the United States.

Family and Consumer Science

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Child Development & Parenting	0.5		9, 10, 11, 12	H, S, WF				09026
Contemporary Sewing	0.5		9, 10, 11, 12	H, S, WF			*	09030

Culinary Arts I Block	1		11, 12	H, S, WF	Completion of a prior foods course			09213
Culinary Arts II Block	1		11, 12	S, WF	Culinary Arts I			09214
Discovering Foods	0.5		9, 10, 11, 12	H, S, WF				09131
Early Childhood Education	1		10, 11, 12	WF	Child Development & Parenting			09211
Fashion & Clothing	0.5		9, 10, 11, 12	H, S, WF			*	09027
Food Trends	0.5		10, 11, 12	H, S, WF	Completion of a prior foods course			09137
Interior Decorating & Design	0.5		10, 11, 12	H, S, WF				09133
International Cuisine	0.5		10, 11, 12	H, S, WF	Completion of a prior foods course			09136
Intro to Teaching	0.5	*	11, 12	H, S, WF			*	09041
Living on Your Own	0.5		11, 12	H, S, WF				09025
Teaching Field Experience	0.5	*	11, 12	H, S, WF	Intro to Teaching			09042

Child Development & Parenting
Enjoy learning about the aspects of human development, the satisfactions, and strategies for caring for others. Units will explore parenting; teen pregnancy; prenatal development, care, and childbirth; physical, emotional, social, and cognitive growth of infants, toddlers, and preschoolers; child abuse; childcare options; and more. Child observations, field trips, guest speakers, and projects reinforce learning.

Contemporary Sewing
Get creative with sewing for purpose. Learners will make projects based on sewing for a cause, sewing "green", sewing for a living, and learning by sewing. Learners will strengthen academic skills, provide community service, learn about careers, and be stewards of the environment while sewing "non-garment" items.

Culinary Arts I Block
If you want to learn what it would be like to work in the world of culinary arts and hone your chef skills, Culinary Arts I will give you a taste of the industry. Whether that is your career path or not, you will learn higher level skills in the kitchen while learning the basics of the hospitality industry. Learners will follow the national ProStart I curriculum that is offered by the National Restaurant Association. The course may include guest speakers, field trips, and a college tour. Food labs will allow learners to work in a professional manner while preparing food for a target market.

Culinary Arts II Block
Culinary Arts II uses the ProStart II curriculum that is sponsored by the National Restaurant Association. This industry-driven curriculum launches Learners into their restaurant and foodservice career. Learners will extend their professional skills into areas such as breakfast food

and sandwiches; salads and garnishes; meat, poultry, and seafood; desserts and baked goods; and global cuisine. Learners will also learn to market their products.

Discovering Foods
Discovering Foods is a fun introductory course in nutrition and food preparation. Learn preparation techniques of cookies, pastry, breads, eggs, milk, grains, fruit, vegetables, poultry, and meat. Food labs for each unit, guest speakers, and a variety of learning activities are included in this course. Learners will learn to apply the principles of good nutrition to their diet and to practice food safety and sanitation skills.

Early Childhood Education
Through hands-on experience, learners will become acquainted with the job opportunities, personal qualifications needed, and responsibilities of various careers related to the care of children. After enhancing their understanding of preschool-age development, learners will attain the knowledge to set up a preschool environment and how to create and teach an optimal Pre-K curriculum. Learners will create a teaching portfolio to be used as they practice their early childhood skills in the laboratory Pre-K in our school, WFHS Pre-K, teaching various lessons to children ages 3-5. In addition to WFHS Pre-K, each learner will be placed at multiple community early childhood facilities to volunteer service as field experience. In addition to practical experience, learners will learn about special education, developmentally appropriate practice (DAP), early childhood assessment, emergent literacy, and the business side of early care and education. A learner who successfully completes this program is qualified for employment as a childcare aide and earns a certificate of completion from the North Dakota State Board for Career and Technical Education.

Fashion & Clothing
Fashion and Clothing focuses on making the most of your appearance through fashion, as well as on becoming a wise clothing consumer. In this laboratory class, learners will be taught the basics of clothing construction while completing two fashion projects. The course provides a creative outlet and teaches logical thinking skills, and how to improve personal image.

Food Trends
Sharpen your cooking skills through labs to prepare food from the past, present, and for the future. Join us to see how food affects us socially, environmentally, and for healing. We will learn to modify recipes to suit different food lifestyles. Learn to throw dinner parties! Field trips and guest speakers are a possibility. There are lots of opportunities for learner choice in this class. Come along for the adventure!

Interior Decorating & Design
This class will introduce learners to housing styles, design techniques, and housing elements, such as furniture, backgrounds, and floor plans. Learners will enjoy a variety of field trips during the course. A final project will involve using the computer to design and decorate a home, with learners being responsible for everything from choosing wallpaper, paint, and carpet to arranging furniture and fixtures. This course will sharpen creativity skills and give learners a better understanding of various aspects of housing.

International Cuisine
Take a trip around the world by learning about food customs from foreign countries and the USA and by preparing their traditional dishes. Labs will focus on combining the familiar with the exotic to create foods of the world. Field trips and guest presenters will enhance this experience. This class will improve food preparation skills by incorporating a 1–2-day food lab into each unit.

Intro to Teaching
This course is a study of the teaching profession, including historical, philosophical, and social foundations of education. Learners will have opportunities to apply knowledge and skills through peer teaching activities and the required 30-hour field experience at an elementary or secondary school site. Emphasis is placed upon the knowledge and skills needed to prepare pre-service

educators to become knowledgeable-based decision makers can provide learning experiences for K 12 Learners effective use of planning, implementing, evaluating, and reflecting. (Optional dual credit: VCSU EDU299). *Dual credit information will be provided. Application fees may apply.

Living on Your Own
Living on Your Own is a course on developing skills for living on your own. You will experience guest speakers, field trips, and a variety of hands-on activities. Learners will be taught about decision-making, career planning, financial decisions (budgeting, checking accounts and credit), car buying, home buying, renting apartments, furnishing apartments, and decisions about food, insurance, and consumerism.

Teaching Field Experience
This course is an extension of the Intro to Education course to fulfill 40> hours of field experience toward college teacher education coursework. The program is designed for learners who are interested in working with young people, or who are interested in teaching as a career. Application for a particular grade level or subject preference and school is make through the COURSE coordinator. Up to five periods per week are spent in one of the West Fargo Public Schools observing, working with children, and assisting the classroom educator by correcting papers, making bulletin boards, locating materials, and performing other classroom duties. (VCSU ECUC252)

General Electives

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Advancement Via Individual Determination (AVID)	1		9, 10, 11, 12	S, WF	Application			20080
Capstone Seminar	0.5		10, 11, 12	H				20075
MTSS Study Hall	0.25		9, 10, 11, 12	H, S, WF				20065
Peer to Peer 1	0.5	*	10, 11, 12	H, S, WF			*	19010
Peer to Peer 2	0.5	*	10, 11, 12	H, S, WF	Peer to Peer 1		*	19020

Advancement Via Individual Determination (AVID)
AVID courses encourage learners to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable learners to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education. Learner application and acceptance is required to enroll in AVID program.

Capstone Seminar
The Capstone Seminar course offers the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, problem-solving, critical-thinking skills, career exploration, or work experiences.

MTSS Study Hall
MTSS Study Hall is a structured study hall with a low learner to educator ratio designed to increase learner success. MTSS Study Hall aims to improve organization skills, study skills, self-advocacy

skills, responsibility, and independence. Learners are assisted in developing skills through monitoring organizational systems, weekly grade and assignment checks, assistance in advocating for needs and accessing accommodations, and meeting expectations to use work time appropriately.

Peer to Peer 1
This class is a study of the characteristics of the exceptional learner which includes gifted and talented, culturally diverse, and those with learning disabilities and/or physical disabilities. Learners will learn techniques to use to differentiate lessons for a variety of learners. Learners will also learn skills needed to become a paraprofessional. (Optional dual credit – VCSU 240). *Dual credit information will be provided. Application fees may apply.

Peer to Peer 2
This class is designed for general education learners interested in developing leadership skills and learning about individuals with disabilities. The learners 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 learners the ability to expose learners to new social opportunities and expand their support network. (Optional Dual Credit through VSCU – Educating the Exceptional Student and could also go on to complete training toward an Applied Behavior Analysis, which could lead to industry certification.). *Dual credit information will be provided. Application fees may apply.

Graphic & Digital Communication

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Graphics Design & Communications I	0.5		9, 10, 11, 12	H, S, WF				17190
Graphics Design & Communications II	0.5		9, 10, 11, 12	H, S, WF	Graphics Design & Communications I			17191
Photography and Digital Media I	0.5		10, 11, 12	H, S, WF				17080
Photography and Digital Media II	0.5		10, 11, 12	H, S, WF	Photography and Digital Media I			17080
Video Production I-IV	1		9, 10, 11, 12	H, S, WF				17140
Cooperative Work Experience	0.5		11, 12	S, WF	By approval			17999

Graphics Design & Communications I
Learners create, design, and develop visual projects to communicate a message and to gain an understanding of the foundations of graphic design. Adobe Illustrator and Photoshop are used to design projects such as: screen-printed T-shirts, sublimation printed materials, sand-blasted products, vinyl decals, poster design, product labels, postcards, brochures, etc. This is a hands-on, project-based learning environment designed to develop career, technical and creative skills.

Graphics Design & Communications II
Graphic Communications II provides advanced instruction in typographical layouts, designs, and communication skills. Adobe Illustrator, Photoshop and InDesign are used to design projects such

as: screen-printed T-shirts, sublimation printed materials, sand-blasted products, vinyl decals, poster design, product labels, brochures, etc. This is a hands-on, project-based learning environment designed to develop career, technical and creative skills. Emphasis on applied technical skills, employability skills, teamwork, and leadership.

Photography and Digital Media I
Computers with related technologies, camcorders, digital photography equipment, digital music creation software, and other emerging communication equipment will be used in this class. These technologies are demonstrated, practiced, and applied to sample projects such as photographs, digital music, videos, and animations. Most activities are completed in small group settings in a modular rotation system. Benefits to taking this class would include the opportunity to learn and practice new and exciting technologies in the electronic and print media fields.

Photography and Digital Media II
Take photography to the next level! This course takes the skills and knowledge of Photography and Digital Media I and applies them to more complex projects and advanced concepts such as event photography, matting and framing, studio lighting and aerial photography.

Video Production I-IV
Audio/Visual Production courses provide learners with the knowledge and skills necessary for television, video, film, online, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses.

Cooperative Work Experience

Health Science

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Certified Nursing Assistant (CNA)	0.5	*	11, 12	H, S, WF	Health I		*	07032
Emergency Medical Services (EMS)	0.5	*	10, 11, 12	H			*	07044
Health Science I	1		10, 11, 12	H, S, WF				07033
Health Science II	0.5		11, 12	H, S, WF	Health Science I			07035
Medical Terminology	0.5	*	10, 11, 12	H, S, WF			*	07036
Prevention/Care of Athletic Injuries	0.5	*	10, 11, 12	H, S, WF			*	07034

Certified Nursing Assistant (CNA)
This class is developed for learners who are interested in a career in nursing or who are preparing themselves for employment as a Certified Nursing Assistant. Basic nursing principles are taught in a lecture setting while communication techniques, introduction to basic physical assessment and basic nursing procedures are demonstrated in the clinical and lab setting. Emphasis is placed on the care of the client in the long-term care setting. In addition to the classroom instruction, the learner will complete at minimum of two community observations. The clinical experience is scheduled and supervised by the instructor. Upon successful completion of the skills portion of the course the learner will be eligible to write the certified nurse aid examination. *Dual credit information will be provided. Application fees may apply.

Emergency Medical Services (EMS)
The Emergency Medical Services course places a special emphasis on the foundational knowledge and skills needed in medical emergencies. Typically, topics of skill development include clearing airway obstructions, controlling bleeding, bandaging, methods for lifting and transporting injured persons, simple spinal immobilization, infection control, stabilizing fractures, and responding to cardiac arrest. Along with these skills, other topics cover the legal and ethical responsibilities involved in dealing with medical emergencies. Courses are designed to better prepare learners to obtain certification such as: Emergency Medical Response (EMR), CPR, First Aid, Incident Command System (ICS), and Wilderness First Responder. *Dual credit information will be provided. Application fees may apply.

Health Science I
This course explores the many career opportunities available in the medical, nursing, and allied health professions. Learners attain basic health-provider skills, including CPR and First Aid. Curriculum content includes ethics, legalities, safety, medical terminology, communication skills, infection control, professional attitudes, anatomy, and physiology. A variety of specialists from many health professions are utilized as speakers. Learners who have met set criteria will have the opportunity to participate in a minimum of one community observation of a health professional as availability allows (examples: dentistry, pediatrics, pharmacy, radiology, sports medicine, veterinary medicine).

Health Science II
This course enables learners to gain additional and concentrated insights into the health career professions. Learners observe and interact with professionals to broaden their knowledge of the health care community. Learners can select community observations from more than fifty professional sites AS AVAILABILITY ALLOWS. This course also provides assistance in preparing the learner for entry into competitive two- and four-year college programs for professional health careers. Curriculum content includes career-planning skills, aging, bereavement, disease processes, wellness, mental health, and teen issues, along with associated careers.

Medical Terminology
This class is designed to introduce learners to the health information technology (Medical Records) field. Learners will be taught prefixes, suffixes, and root words for medical terms. This will include meanings, spellings, and pronunciations. Emphasis is on building a working medical vocabulary based on body systems. Anatomy and physiology of major organs, pathological conditions, laboratory studies, clinical procedures, and abbreviations are studied for each body system. The learner will also learn medical terminology as it relates to pathology, diagnostic, surgical, clinical, and laboratory procedures and common abbreviations and acronyms by body systems. (Can be taken for dual credit with NDSCS; however, the dual credit will transfer to most colleges). *Dual credit information will be provided. Application fees may apply.

Prevention/Care of Athletic Injuries
Provides the learner with a background in athletic training and basic health care. The course emphasizes injury prevention, first responder management daily for athletic injuries and skills to fulfill the activities of daily living. Learners will be able in one semester to complete the requirements to become a student athletic trainer. *Dual credit information will be provided. Application fees may apply.

Information Technology

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3

AP Computer Science A	0.5	*	10, 11, 12	H, S, WF	Fundamentals of JAVA Programming		*	27520
Cisco I (Spring)	0.5	*	10, 11, 12	C3TEC South HS	Intro to Networking		*	27266
Fundamentals of JAVA Programming	0.5		10, 11, 12	H, S, WF	Intro to Programming or Python		*	27125
Introduction to Programming	0.5		9, 10, 11, 12	H, S, WF				27120
Intro to Networking (Fall)	0.5		10, 11, 12	C3TEC South HS			Travel to South High	27265
IT Essentials I	0.5	*	10, 11, 12	S			*	27219
IT Essentials II	0.5	*	10, 11, 12	S	IT Essentials I		*	27220
Mobile App Development & Security	0.5		9, 10, 11, 12	H, S, WF				27128
Programming with Python	0.5		9, 10, 11, 12	H, S, WF			*	27123

AP Computer Science A
Learners will study abstract classes, arrays, lists, and advanced concepts of graphical user interfaces. Main topics also include sequences, searches, input and output streams. This course, together with the first semester, will prepare learners to take the AP exam in Computer Science if they wish. *This advanced Placement (AP) course will offer an opportunity for an examination at the end of the term. The exam does incur a fee, however there are often waivers available. More information will be shared about the logistics for the exam. Passing the exam is required for consideration of verified course completion at the college level. The course grade assigned by the high school does not serve as sufficient evidence.

Cisco I (Spring)
This course introduces basic networking principles, components, and architectures. Learners will complete labs both using virtual software and physical hardware. Both the OSI and TCP/IP networking models will be discussed as well as the functions at each layer of the models. Learners will learn the principles of both wired and wireless networks. By the end of the course, learners will be able to build simple networks, perform basic configurations for routers and switches, and implement IP4 and IPv6 addressing schemes. *Dual credit information will be provided. Application fees may apply.

Fundamentals of JAVA Programming
This course introduces the field of Computer Science, including design and coding principles. By studying case studies and designing graphical user interfaces, learners will learn the principles of object-oriented programming, define classes, instantiate objects, and write methods. Learners will also work with algorithms which make logical decisions and iterate.

Introduction to Programming
The course will provide learners with a foundation for understanding programming languages. Fundamentals of logic, design, coding, structures, and controls will be applied through a game-like environment, such as Scratch, GameSalad or emerging programs. Careers in coding and

programming are explored. Learners will experience project-based learning, teamwork, problem-solving, and increase communication.

Intro to Networking (Fall)
Just like people, homes and businesses are becoming smart! Wi-Fi, smart devices, TVs, WHDI, AppleTV, security systems, and wireless technologies are growing, along with the need to understand set ups, software applications, troubleshooting and security prevention. This course will introduce learners to principles and practices of designing, home and small business networks, along with an introduction to cybersecurity concepts. Learners will demonstrate evidence of learning through networking and lab activities.

IT Essentials I
Let's build a computer. This course focuses on computer hardware, operating systems, troubleshooting computer systems and customer service skills/professionalism required of entry-level IT professionals. Learners identify internal components of the computer, disassemble, and assemble a complete personal computer, install multiple operating systems, and create/configure multiple virtual computers using virtualization software. Learners will configure computers to access multiple types of networks. *Dual credit information will be provided. Application fees may apply. This course focuses on handheld mobile devices (Android and Apple IOS), laptop computers, printers, and customer service skills/professionalism required of entry-level IT professionals. Learners will disassemble and reassemble a laptop computer, practice communication skills, troubleshoot hardware and software issues, and perform preventative maintenance activities. Learners will have an opportunity to research areas of computing that they are interested in and work with circuit boards to understand how electricity and data flow through a computer. *Dual credit information will be provided. Application fees may apply.

IT Essentials II
This is the second of two courses that prepare students to obtain their CompTIA A+ Essentials certification. This course focuses on handheld mobile devices (Android and Apple IOS), laptop computers, printers, and customer service skills/professionalism required of entry-level IT professionals. Students will disassemble and reassemble a laptop computer, practice communication skills, troubleshoot hardware and software issues, and perform preventative maintenance activities. Students will have an opportunity to research areas of computing that they are interested in and work with circuit boards to understand how electricity and data flow through a computer. Optional NDSCS Dual Credit.

Mobile App Development & Security
Learners use mobile technology to solve everyday problems for their community so why not task them to develop one? In this course learners will learn the basics of the app system and software development cycle. They will also learn about code modification and additional basic app coding skills, including the topics of variables, simple data types, conditional programming constructs, and simple library classes. The course also provides a foundation for the design, implementation, and management of database systems. Teams will have the opportunity to participate in the Verizon App Challenge.

Programming with Python
The world's tech companies love Python. Google, YouTube, Facebook, IBM, NASA, Dropbox, Yahoo, Mozilla, Quora, Instagram, Uber and Reddit are just a few of the big names that use Python for a wide range of purposes and are continuously on the lookout for Python engineers. Python is a programming language, which is used to develop websites, web applications, GUI, network servers, back-end APIs, desktop apps, medial tools, and machine learning. You can also use Python to analyze data and "glue" other languages together.

Marketing

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3

Marketing I	1		10, 11, 12	H, S, WF			*	04210
Management/ Entrepreneurship	1		11, 12	H, S, WF	Marketing I		*	04223
Marketing Cooperative Work Experience I	0.5		10, 11, 12	H, S, WF	Marketing I			04999
Marketing Cooperative Work Experience II	0.5		11, 12	H, S, WF	Marketing I			04999
Retail Store Management	1		11, 12	H, S, WF	Marketing I & currently Management			04290
Sports and Entertainment Marketing	0.5		9, 10, 11, 12	H, S, WF				04239

Marketing I
The course will focus on marketing and what motivates consumer buying, including the role of selling in the marketing process, promotion, advertising, displays, the selling process, pricing policies, and communication. Social media marketing and the latest technologies will be introduced to develop promotional campaigns for local businesses, organizations, sports teams or entertainment venues. Learners are encouraged to enroll in the Management/ Entrepreneurship course after completion of the Marketing course. Learners enrolled in Marketing are eligible to become members of DECA, where they meet new friends, participate in social events, travel to state, regional and national conferences, develop leadership skills and share their time and talents to benefit the local community. Marketing is a course that benefits all Learners, regardless of their career objectives!

Management/Entrepreneurship
This course is primarily directed towards the study of careers as an entrepreneur, business owner, or manager. Management/Entrepreneurship content includes: Creating a small business with fellow peers, developing business plans, financial aspects of a business, leadership development, human resources, management decision making, marketing research, planning, and workplace readiness. The creation of a unique business and business plan is the major aspect to this course. Learners are encouraged to enroll in the Retail Store Management course during Management/Entrepreneurship or after completing the course. Learners enrolled in Management/Entrepreneurship are eligible to become members of DECA, where they meet new friends, participate in social events, travel to state, regional and national conferences, develop leadership skills and share their time and talents to benefit the local community. Entrepreneurship is a course that benefits all Learners, regardless of their career objectives!

Marketing Cooperative Work Experience I
Cooperative work experience is practical, on-the-job training for pay on a part-time basis for learners enrolled in Marketing Education courses. Learners become employees of a cooperating firm of the business community, utilizing skills acquired in marketing courses. Learners must register for 5 ½ credits in addition to this semester course.

Marketing Cooperative Work Experience II
Cooperative work experience is practical, on-the-job training for pay on a part-time basis for Learners enrolled in Marketing Education courses. Learners become employees of a cooperating firm of the business community, utilizing skills acquired in marketing courses. Learners must register for at least 5 credits in addition to this full year course.

Retail Store Management
Learners apply management, marketing, and merchandising fundamentals and techniques while operating the school-based enterprise. Learners will serve as "shift managers" overseeing daily operation of a retail business by serving customers and training other marketing learners to help them master skills needed to succeed in a retail setting. Learners selected for this program have demonstrated competency through previous participation in the Marketing Education/DECA program. Application and interview are required for enrollment.

Sports and Entertainment Marketing
Learners with an interest in the sports and entertainment event industry. Learners are provided with a framework for understanding key marketing issues facing organizations in the entertainment sports industry, including event planning, promotion, marketing, advertising, and career opportunities. This course also covers recent developments in the entertainment industry, including music, theme parks, movies, television, theatre, and college/professional sports. Learners will use hands-on projects and computer simulations to apply and practice sports and entertainment marketing strategies. Learners are encouraged to enroll in the Marketing course after completion of the Sports and Entertainment Marketing course. Learners enrolled in Sports & Entertainment Marketing are eligible to become members of DECA, where they meet new friends, participate in social events, travel to local conferences, and develop leadership skills.

Mathematics

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
21st Century Math Skills	1		9, 10, 11, 12	H, WF				11029
Algebra I	1		9, 10, 11, 12	H, S, WF		*		11031
Algebra I Block	2		9, 10, 11, 12	S		*	This is an intervention course.	11031
Algebra II	1		10, 11, 12	H, S, WF	Algebra I	*		11032
Algebra II Block	2		10, 11, 12	S	Algebra I	*	This is an intervention course	11032
Algebra Readiness	1		9, 10, 11, 12	S, WF	Placement			11010
AP Calculus AB	1	*	11, 12	H, S, WF	Trigonometry	*	*	11581
AP Calculus BC	1	*	11, 12	H, S, WF	Trigonometry	*	*	11582
Calculus	0.5		11, 12	H, S, WF	Trigonometry	*		11061
College Algebra	0.5	*	11, 12	H, S, WF	Algebra II	*	*	11034
Consumer Math	1		11, 12	H, S, WF				11145
Geometry	1		9, 10, 11, 12	H, S, WF	Algebra I	*		11120
Geometry Block	2		9, 10, 11, 12	S	Algebra I	*		11120

Occupationally Applied Math	1		11, 12	H, S, WF				11191
Prealgebra	1		9, 10, 11, 12	H, S, WF				11030
Pre-Calculus	0.5	*	10, 11, 12	H	Algebra II	*	*	11181
Pre-Calculus	0.5		10, 11, 12	S	Algebra II	*	*	11181
Statistics	0.5	*	11, 12	H, S, WF	Algebra II	*	*	11150
Trigonometry	0.5		10, 11, 12	H, S, WF	Algebra II	*		11160

21st Century Math Skills
This intervention class is geared for learners in Algebra I, Geometry, and Algebra II that need extra support. This intervention will run alongside the Algebra and Geometry courses to pre-teach, re-teach, enrich, and remediate for the Learners that qualify to prevent against lowering/altering standards for the existing curriculum and increase achievement.

Algebra I
Algebra I is designed to develop the algebraic and problem-solving skills necessary for future study in mathematics. The topics covered deal with real numbers, solving and graphing equations and inequalities, factoring polynomials, algebraic fractions and simplifying radical expressions.

Algebra I Block
Algebra I Block is designed to develop the algebraic and problem-solving skills necessary for future study in mathematics. The topics covered deal with real numbers, solving and graphing equations and inequalities, factoring polynomials, algebraic fractions and simplifying radical expressions.

Algebra II
This course builds upon the topics that were taught in Algebra I and Geometry. The topics covered will include, but not be limited to, matrices, basic properties of real and complex numbers, solving equations and inequalities in one, two and three variables, absolute value, exponents, factoring, polynomials, exponential functions, logarithms, sequences and series, statistics, and probability.

Algebra II Block
This course builds upon the topics that were taught in Algebra I and Geometry. The topics covered will include, but not be limited to, matrices, basic properties of real and complex numbers, solving equations and inequalities in one, two and three variables, absolute value, exponents, factoring, polynomials, exponential functions, logarithms, sequences and series, statistics, and probability.

Algebra Readiness
Algebra Readiness is a mastery-based intensive intervention that provides key foundational skill-building and problem-solving strategies needed to be successful in High School Mathematics. Concepts in operations with integers, ratio and proportional reasoning, and basic algebra concepts.

AP Calculus AB
This full year course is designed to teach learners how to analyze and graph functions, understand the concepts of limits, differentiation, and integration, as well as an introduction to more advanced topics in Calculus.

AP Calculus BC

AP Calculus BC provides learners with an intuitive understanding of the concepts of calculus and experience with its methods and applications, and also require additional knowledge of the theoretical tools of calculus. AP Calculus BC includes all the topics in AP Calculus AB as well as advanced integrating techniques; Euler's method; differential equations for logistic growth; parametric, polar and vector functions; convergence tests for series; Taylor and Maclaurin polynomial approximations; Lagrange error bound for Taylor polynomials; radius and interval of convergence of a power series.

Calculus
This course is designed as an introduction to Calculus. Learners will be taught how to analyze and graph functions. The concepts of limits, differentiation, and integration will be introduced.

College Algebra
The topics covered will include relations and functions, equations and inequalities, real and complex numbers; numerical, graphical and symbolic view of functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and series. Emphasis will be on using real-data application. *Dual credit information will be provided. Application fees may apply.

Consumer Math
This course attempts to provide the learner with the necessary math skills to handle financial matters. A strong emphasis will be placed on the mathematical concepts and skills connected to basic purchases, banking, credit, auto expenses, taxes, housing costs, personal finance, insurance, investments, and planning for retirement.

Geometry
Geometry, 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; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Geometry Block
Geometry Block, 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; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Occupationally Applied Math
Occupationally Applied Math reinforces general math skills, extends these skills to include some prealgebra and algebra topics, and uses these skills primarily in occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

Prealgebra
Pre-Algebra is a mastery-based intensive intervention that provides key foundational skill-building and problem-solving strategies needed to be successful in Algebra. Concepts in operations in rational numbers, linear equations, and linear functions.

Pre-Calculus
Precalculus combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Algebra topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

Statistics
An introduction to statistical methods of gathering, presenting, and analyzing data; estimating means, proportions, confidence intervals and testing hypotheses; probability distributions; and

linear regression and correlation. *Dual credit information will be provided. Application fees may apply.

Trigonometry
Trigonometry covers the trigonometric functions as they apply in right angle situations, complex numbers, vectors, basic trigonometric identities, law of triangles, and circular functions. Work requirements will be like those of a college course. It is taught primarily through lecture. Trigonometry is taught to increase learners' understanding of real-world applications and to prepare learners for calculus.

Music

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Concert Band	1		9	H, S, WF	Previous band experience		*	12051
Concert Choir	1		11,12	H, S, WF	*		*	12040
Concert Orchestra	1		9, 10, 11, 12	H, S, WF	6-8 gr string experience		*	12052
Foundations of Guitar	0.5		9, 10, 11, 12	WF	*			12058
Guitar Ensemble	0.5		9, 10, 11, 12	H, S, WF	Guitar I			12058
Guitar I	0.5		9, 10, 11, 12	H, S, WF				12058
History of Rock & Roll	0.5	*	10, 11, 12	S			*	12020
Music Harmony	0.5		11, 12	H, S, WF	Previous music experience			12030
Packer Singers/Mustang Singers/Hawk Singers	1		9, 10, 11, 12	H, S, WF				12040
Philharmonia Orchestra	1		9, 10, 11, 12	H, S, WF	6-8 gr string experience			12052
Sinfonia Orchestra	1		9, 10, 11, 12	H, S, WF	Audition & Placement by Director			12052
Symphonic Band	1		10, 11, 12	H, S, WF	Audition & Placement by Director			12052
Treble Choir	1		10, 11, 12	H, S, WF	Audition & Placement by Director			12040
Wind Ensemble	1		10, 11, 12	H, S, WF	Audition & Placement by Director			12051

Concert Band

Concert band is open to freshmen with band experience. The class offers motivated learners the chance to improve their ensemble skills and musicianship and to grow both as an individual and as a member of a quality group. The band studies and rehearses fine band literature and participates in pep band activities, evening performances, audition opportunities (all-state and other honor groups), and the North Dakota High School Activities Association sponsored solo and ensemble festivals.

Concert Choir
Concert choir is offered for learners who wish to develop their vocal musical skills at the choral program's most advanced level. A wide variety of a cappella and accompanied choral literature is studied and performed. Some evening performances are expected. Concert choir members are eligible to audition for regional and state music festivals, All-State Choir, and various ensembles (e.g., Madrigal Singers, Carolers, etc.).

Concert Orchestra
Concert Orchestra is open to any 9-12th grader with grade 6-8th grade string experience. Musicians will be focusing on learning and feeling comfortable up in position on their instrument. Orchestra learners will study a variety of literature, attend evening performances, and are given the opportunity to participate in the state orchestra festival, audition for All-State Orchestra and participate in the NDHSAA Solo and Ensemble Festival.

Foundations of Guitar
Foundations of Guitar is a class for learners wanting to learn to play guitar who have limited guitar skills. Learners will be taught to strum chords, to pick, to play melodies, and much more. Musical selections will vary based on skills of individuals. Learners will perform in a concert. Must be placed by case manager.

Guitar Ensemble
Guitar Ensemble is a class for learners who have already passed Guitar I with an A and want to continue to advance their playing skills. Learners will be taught finger picking technique, advanced strumming technique, barre chords, improvisation, and more. Learners may take Guitar Ensemble for as many semesters as they'd like because different music will be covered each semester.

Guitar I
Guitar I is a class for learners wanting to learn to play guitar, or for Learners who already have some guitar skills but want to learn to read music or to have better technique. Learners will be taught to strum chords, to pick, to play melodies, and much more. Musical selections will range from Beethoven to the Beatles!

History of Rock & Roll
The History of Rock & Roll provides learners with an overview of rock and roll music in its various incarnations beginning in the 1920's up to modern times with a focus on cultural and historical context. Learners are also taught to listen to and analyze rock music in a critical manner including era, styles of rock, major artists, technological forces, recording style, and more. *Dual credit information will be provided. Application fees may apply.

Music Harmony
The Music Harmony class is an advanced offering for 11th-12th grade learners with previous music experience. Learners in this class will explore careers in the music industry, have an interest in advanced knowledge of the history and math of music, and/or are interested in getting specific instruction on composing and arranging music.

Packer Singers/Mustang Singers/Hawk Singers

Packer Singers (WFHS)/ Mustang Singers (SHS)/Hawk Singers (HHS) is offered for singers in grades 9-12. Choral literature from popular, contemporary, seasonal, and classical music is studied and performed. Packer Singers/Mustang Singers /Hawk Singer members are eligible to audition for regional and state music festivals, All-State Choir, and various ensembles (e.g., Madrigal Singers, Carolers, etc.).

Philharmonia Orchestra
Philharmonia Orchestra is open to any 9-12th grader with 6-8th grade string experience. Learners will be focusing on more advanced positions on their instruments and must be comfortable in the first and third positions. Orchestra learners will study a variety of literature, perform, concerts and are given the opportunity to participate in the state orchestra festival, audition for All-State Orchestra and participate in the NDHSAA Solo and Ensemble Festival.

Sinfonia Orchestra
Sinfonia is a chance for those who wish to develop their playing skills at an advanced level. Orchestral literature from popular/contemporary, seasonal, and classical music is studied and performed. Orchestra learners will study a variety of literature, perform, and are eligible to audition for regional and state music festivals, Honor Orchestras at regional colleges, All-State Orchestra, NDHSAA Solo and Ensemble Festival.

Symphonic Band
The Symphonic Band is open to any 10th -12th grader with band experience. The band studies and rehearses fine band literature and participates in pep band activities, audition opportunities (all-state and other honor groups), and the North Dakota High School Activities Association sponsored solo and ensemble festivals.

Treble Choir
Treble Choir is offered for soprano and alto voices in grades 10-12 who wish to develop their vocal musical skills at an advanced level. Choral literature from popular, contemporary, seasonal, and classical music is studied and performed. Treble Choir members are eligible to audition for regional and state music festivals, All-State Choir, and various ensembles (e.g., Madrigal Singers, Carolers, etc.).

Wind Ensemble
The Wind Ensemble is a select group, open to auditioned 10th -12th graders with band experience. The band studies and rehearses fine band literature and participates in pep band activities, audition opportunities (all-state and other honor groups), and the North Dakota High School Activities Association sponsored solo and ensemble festivals.

Performing Arts

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Theatre Arts	0.5		9, 10, 11, 12	H, S, WF			*	05061
Advanced Theatre Arts	0.5		10, 11, 12	H, S, WF	Theatre Arts		*	05063

Theatre Arts
Participants will explore basic principles of acting through pantomime and improvisation and will analyze and develop character through scripted scenes and monologues. The class will be interspersed with lessons on basic stage and rehearsal terms, theatre etiquette as well as brief introductions to the rich history and traditions of the art of theatre itself. Learners are encouraged to enroll in the class multiple times as their schedule allows.

Advanced Theatre Arts
Participants advance principles of acting through pantomime and improvisation and will analyze and develop character through scripted scenes and monologues. The class will be interspersed with lessons on basic stage and rehearsal terms, theatre etiquette as well as brief introductions to the rich history and traditions of the art of theatre itself. Learners are encouraged to enroll in the class multiple times as their schedule allows. Technical skills will be integrated into the production.

Physical Education & Health

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Advanced Health	0.5	*	11, 12	H, S, WF			*	08010
Advanced Strength	0.5		10, 11, 12	H, S, WF	Intro to PE			08040
Aerobic Dance	0.5		10, 11, 12	H, S, WF	Intro to PE			08034
Dance Jam	0.5		10, 11, 12	H, S, WF	Intro to PE			08035
Fitness Triathlon	0.5		10, 11, 12	H, S, WF	Intro to PE			08044
General PE	0.5		10, 11, 12	H, S, WF	Intro to PE			08030
Health	0.5		9	H, S, WF				08010
Individual & Dual Sports	0.5		10, 11, 12	H, S, WF	Intro to PE			08036
Intro to PE	0.5		9	H, S, WF				08030
Team Sports	0.5		10, 11, 12	H, S, WF	Intro to PE			08030
Unified PE	0.5		10, 11, 12	H, S, WF	Intro to PE			08030
Wellness in Motion	0.5		10, 11, 12	H, S, WF	Intro to PE			08044

Advanced Health
The course focuses on current health attitudes and habits needed for life management skills. The course will cover lifestyle management, mental health, stress management, drug usage, human sexuality and resources for prevention and care of health-related illnesses. Optional Dual Credit opportunity – HPER 217 or HNES217. *Dual credit information will be provided. Application fees may apply. This fulfills a health requirement but not PE.

Advanced Strength
This course will provide learners with the opportunity to learn motor skills, techniques, and knowledge in exercises and the methods utilized in improving muscular strength, muscular endurance, aerobic and anaerobic conditioning (cardiovascular endurance), and flexibility of the human body. More advanced concepts of power training, competitive weightlifting, and individual program design will be taught.

Aerobic Dance

This course introduces a variety of aerobic and dance activities. Aerobic activities include kickboxing, step aerobics, Pilates, yoga, and body bar. Learners will be introduced to dance forms such as ballroom, line, multicultural, square, and hip hop. Learners will learn to appreciate dance as a performing art as well as a social and physical activity that can be incorporated into one's daily life.

Dance Jam
Dance Jam (Level II) involves high-intensity Zumba dance routines that combine a variety of dance styles and aerobic movements to hip hop, pop, and international rhythms. Learners will build on skills that include rhythm, balance, coordination, and choreography. A variety of dance steps will include hip hop, salsa, reggaeton, merengue, swing, and country.

Fitness Triathlon
Throughout the semester, learners will participate in indoor triathlon events and conclude with a competition that includes distance swim (400 meters), bicycle race (12 miles) and distance run (3.1 miles). They will also participate in fitness assessments.

General PE
This physical education course will expose learners to a wide variety of physical activities designed to improve physical fitness, motor skills, teamwork, and overall health.

Health
In this course, learners will learn the knowledge and skills necessary to make responsible life choices. This is a required course that includes lessons on communication, decision-making, nutrition, physical, emotional, and social well-being, chemical dependencies, and human sexuality.

Individual & Dual Sports
This course introduces a variety of activities aimed at individual and dual sport participation.

Intro to PE
This required physical education course introduces learners to the basic concepts of strength training, cardiovascular endurance, and lifelong activities.

Team Sports
This physical education course is designed to provide an opportunity to participate in a variety of team sports at a competitive level. Emphasis will be placed on team strategies and skill development.

Unified PE
This course combines learners of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Learners 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 learners.

Wellness in Motion
This class will focus on one's wellness. The focus will be cardiovascular fitness, muscular strength, muscular endurance, controlled breathing, and flexibility. This will be achieved by the weekly practice of yoga, meditation, and cardiovascular fitness (rowing, running, biking, etc.)

Science

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3

Anatomy/ Physiology I	1		11, 12	H, S, WF	Biology	*		13021
AP Chemistry	1	*	11, 12	H, S, WF	Chemistry		*	13581
AP Environmental Science	1		11, 12	WF	Biology		*	13582
AP Physics (AP Physics 1)	1	*	10, 11, 12	H, S, WF	Algebra I		*	13586
AP Physics (AP Physics 2)	1	*	11, 12	H, S, WF	*		*	13587
AP/Dual Credit Biology	1	*	11, 12	H, S, WF	Biology, Chemistry	*	*	13580
Applied Chemistry	1		11, 12	H, S, WF	Physical Science, Biology			13034
Biology	1		9, 10, 11, 12	H, S, WF		*		13020
Chemistry	1		10, 11, 12	H, S, WF	*			13031
Dual Credit/ Advanced Anatomy/ Physiology I	0.5	*	11, 12	H, S, WF	Biology		*	13021
Dual Credit/ Advanced Anatomy/ Physiology II	0.5	*	11, 12	H, S, WF	Biology		*	13022
Dual Credit Chemistry	1	*	11, 12	S	Completion of or concurrent enrollment in Algebra II		*	13032
Dual Credit Microbiology	0.5	*	11, 12	H, WF	Biology		*	13029
Earth & Space Science	1		10, 11, 12	H, S, WF				13063
Environmental Science	1		11, 12	H, WF	Biology		*	13582
Field Biology	1		11, 12	H, WF	Biology		*	13110
Genetics	1		11, 12	H, S, WF	Biology		*	13029
Physical Science	1		9, 10	H, S, WF				13030
Physics	1		10, 11, 12	H, S, WF	Algebra I			13042

Anatomy/ Physiology I
Anatomy/Physiology is a course that involves the study of the structures and functions of the human body. It is taught from the cellular level through the organ systems. The following topics and systems will be covered over the duration of the semester: orientation to the human body, tissues, skin, skeletal, muscular, and digestive systems.

AP Chemistry

The AP Chemistry course provides learners with a college-level foundation to support future advanced course work in chemistry. Learners cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP Environmental Science
Learners engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them.

AP Physics
AP Physics 1 is a more challenging introductory algebra-based physics course that uses lab activities, lecture/discussion, and projects to investigate basic physics topics. Topics include mechanics (motion), fluids, waves and sound, and electricity. AP Physics 1 exam is offered for possible college credit.

AP Physics (AP Physics 2)
The course consists of 5 modules that include cells, medical science, microbiology, forensic science, and genetics. Learners use their science skills to solve a wide range of real-world science problems. The course stresses: critical thinking and problem-solving skills, science and math skills, & personal skills used in business.

AP/Dual Credit Biology
The course consists of 5 modules that include cells, medical science, microbiology, forensic science, and genetics. Learners use their science skills to solve a wide range of real-world science problems. The course stresses: critical thinking and problem-solving skills, science and math skills, & personal skills used in business.

Applied Chemistry
Applied Biology/Chemistry integrates biology and chemistry into a unified domain of study in the context of work, home, society, and the environment, emphasizing field and laboratory activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, plant growth and reproduction, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life.

Biology
Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Chemistry
Chemistry is designed for mathematically inclined learners, who will major in science at college, and learners who can handle a more challenging course. This course consists of theory, practical application, and laboratory work.

Dual Credit/Advanced Anatomy/Physiology I
This course is designed for those motivated biology learners who want an in-depth study of human anatomy and physiology. Basic chemistry, tissues, integumentary, skeletal, muscular, nervous system, somatic senses, and the orientation of the human body are studied in this course. This course is taught through laboratory work, lectures and is dual credit with NDSCS. *Dual credit information will be provided. Application fees may apply.

Dual Credit/Advanced Anatomy/Physiology II
This course involves the study of the systems not previously covered in Anatomy/Physiology I. The endocrine, blood, cardiovascular, respiratory, digestive, urinary, and lymphatic systems are covered in this course. Learners dissect sheep hearts and other structures in conjunction with the systems being covered. This course is dual credit with NDSCS. *Dual credit information will be provided. Application fees may apply.

Dual Credit Chemistry
Dual Credit Chemistry is focused on the fundamental concepts of chemistry, such as measurement, matter, molecules, ions chemical equations, ideal gases, atomic structure, ionic and covalent bonding, periodicity and molecular geometry. This class also has a laboratory component as well. This is a 5 credit per semester dual credit course, if chosen to take it for dual credit.

Dual Credit Microbiology
This course is a study of microorganisms. The topics covered include cells, laboratory methods in microbiology, bacteria, viruses, growth, nutrition, metabolism, control of microbes, and disease. This course is heavily lab-based, and learners will be required to conduct a research project pertaining to microbes. *Dual credit information will be provided. Application fees may apply.

Earth & Space Science
Earth Science is a lab-based class that offers insight into the environment on Earth and the Earth's environment in space. Learners will learn about local geology by studying soils, glaciation and effects of water including testing the Sheyenne River. Learners will also study space, looking at Earth's place in the universe.

Environmental Science
Learners will study current environmental problems involving Midwest soil, forestry, wildlife, water conservation and other issues. Learners will participate in the Sheyenne River field testing study; learn GIS, map and compass techniques, population study techniques and environmental decision-making skills. Learners will develop an understanding about how natural resources are obtained and the effects of their use.

Field Biology
The course consists of five special topic areas that include ecology, field biology techniques, Ecology, Red River Valley ecological concerns, wildlife biology, and conservation practices. Learner's research and use their science skills to collect data about the natural world and solve problems relating to human use of natural resources.

Genetics
This course is a study of human genetics. The topics covered include human development, transmission genetics, DNA and chromosomes, population genetics, immunity and cancer, genetic engineering and biotechnology.

Physical Science
Physical Science is a lab-based course that introduces the learner to the fundamentals of chemistry and physics. Topics covered include measurements, forces and motion, heat, light, electricity, periodic table, and chemical reactions.

Physics
This introductory physics course uses lab activities, lecture/discussion, and projects to investigate basic physics topics. The topics covered include mechanics (motion), fluids, optics, and electricity. Learners will use basic algebra and right triangle trigonometry with assistance from the instructor.

Service Learning and Work-Based Learning Experience

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Capstone	0.5		11, 12	H			Approval Process	20075
Career Management	0.5		9, 10, 11, 12	H, S, WF			Approval process	20060
Career Seminar	0.5		10, 11, 12	H, S, WF			Approval process	20076
CTE Cooperative Work Experience	0.5-4		10, 11, 12	H, S, WF	*		Approval process	00099 01999 14999 09299 07999 27999 04999 10999 17999
Educational Workplace Experience	0.5		10, 11, 12	H, S, WF			Approval process	20086
Workplace Readiness	0.5		10, 11, 12	H, S, WF			Approval process	20074

Capstone
This course serves as the culminating and integrative experience designed to allow learners to expand their knowledge in an area of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Career Management
Career Management helps learners identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. This course exposes learners to various work-based learning experiences (i.e. career fairs, industry tours, informational interviews, job shadows, career mentoring, and work simulations) and may also assist them in developing job search and employability skills.

Career Seminar
Provides learners with a regularly scheduled, supervised employment opportunity related to the teacher-of –record's (TOR) major/minor in order to develop and improve work skills. The employment must be preceded by, or concurrent with, classroom instruction related to the work experience, consistent with the learner's occupational goals, and related to the TOR major/minor. There shall be a training agreement among all partners to the work experience (school, employer, learner, and parents/guardians) outlining the expectations of each party. The instructor shall also develop a specific training plan with the employer for each learner placed. The training plan shall include provisions for assessment of learner progress and for on-site visits by the instructor during the learners placement. Must be 16. Does replace CTE Coop.

CTE Cooperative Work Experience
Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be proceeded by previous classroom instruction. A training

agreement is created among all partners regarding the work experience. Career Ready Practices are utilized for assessment. Students must be 16 years of age.

Educational Workplace Experience
Education Workplace Experience courses provide learners with work experience in fields related to education. Goals are typically set cooperatively by the learner, teacher, and employer (although learners are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that learners encounter in the workplace.

Workplace Readiness
Prepares learners for cooperative work education/internship opportunities. Also prepares learners for real world work. Learners must be registered for 5.5 credits. Learners are required to complete a weekly reflection journal and additional journal assignments, which must be signed by their supervisor. This is a pass/fail course, and a final grade of "A" or "F" will be reflected on the transcript. Community (out-of-school, outside regular school hours): An out-of-school service-learning experience is an opportunity for Learners to serve the community through a nonprofit organization. It can be project-based or a series of projects throughout the semester providing service to others. An out-of-school service experience requires a minimum of 60 service hours outside of the school day for the duration of the semester.

Social Studies

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Advanced Psychology	0.5	*	11, 12	H, WF		*	*	15588
Advanced Sociology	0.5	*	11, 12	H, WF		*	*	15130
AP European History	1	*	10	H, S, WF		*	*	15584
AP Human Geography	0.5	*	9	H, S, WF		*	*	15587
AP Microeconomics	0.5	*	12	H, S, WF		*	*	15581
AP US Government	0.5	*	12	H, S, WF		*	*	15583
AP US History	1	*	11	H, S, WF		*	*	15585
AP Psychology	0.5	*	11, 12	H, S, WF		*	*	15588
Economics	0.5		12	H, S, WF		*		15060
Holocaust/ Genocide	0.5		11, 12	H, S, WF		*		15021
Law & Justice	0.5		11, 12	H, S, WF		*		15118
North Dakota Studies	0.5		10, 11, 12	H, S, WF		*		15401
Psychology	0.5		11, 12	H, S, WF		*		15120
Sociology	0.5		11, 12	H, S, WF		*		15130
US Government	0.5		12	H, S, WF		*		15111
US History	1		11	H, S, WF		*		15085
Western Civilization	1		10	H, S, WF		*		15089

Women in American History	0.5		11, 12	H, S, WF		*		15083
World Geography	0.5		9	H, S, WF		*		15070

Advanced Psychology
The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena. Throughout the course, students employ psychological research methods, including ethical considerations, using the scientific method, analyzing bias, evaluating claims and evidence, and effectively communicating ideas.

Advanced Sociology
An introductory analysis of the nature of society, the interrelationship of its component groups and the process whereby society persists and changes. The concept of culture, the process of socialization, social inequalities (as related to gender, class & race), family, and social change are included as the main topics discussed. *Dual credit information will be provided. Application fees may apply.

AP European History
AP European History focuses on developing learners' understanding of European history from approximately 1450 to the present. Learners investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians

AP Human Geography
AP Human Geography focuses on the distribution, processes, and effects of human populations on the earth. The purpose of this course is to gain an understanding of the concepts, themes, skills, and perspectives of the academic discipline of Human Geography while developing higher order thinking, writing, and participation skills. This course is designed to offer a college-preparatory experience and will prepare learners to attempt the AP Human Geography National Exam.

AP Microeconomics
The purpose of the AP course in microeconomics is to give learners a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government promoting greater efficiency and equity in the economy.

AP US Government
AP United States Government introduces learners to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. Learners can earn college credit by taking the Advanced Placement College Board Exam at the completion of the course.

AP US History
First semester will cover the facets of history from the "Age of Discovery" to the end of Reconstruction. During the second semester, learn about 20th century U.S. history to present day issues. The AP U.S. History program provides learners with the opportunity to earn credit and advanced standing in the college of their choice by passing the AP College Board Exam.

AP Psychology
This AP course is designed to give learners a critical perspective on government and politics in the U.S. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Learners can earn college credit by taking the Advanced Placement College Board Exam at the completion of the course.

Economics
This course is an introductory explanation of basic economic principles and personal finance. Basic economic principles are addressed with a strong emphasis on the American Free Enterprise System. Personal finance is centered on saving, budgeting, credit, debt, and financial planning.

Holocaust/Genocide
This course will provide learners with an in-depth look at the Holocaust and the groups targeted by Hitler's regime. other contemporary world genocides. Learners will also examine the lasting impact of the Holocaust, other incidents of genocide in the modern world, and the role of America in the context of these conflicts.

Law & Justice
This course is an introduction to the criminal justice system of the United States and North Dakota. Learners will examine each section of the criminal justice system, detailing the importance and the role of each section in the criminal justice system.

North Dakota Studies
North Dakota Studies examines the history, politics, economics, society, and/or cultures of the state in the United States. This course focuses primarily on the history of the state or may take an interdisciplinary approach to the contemporary issues affecting it.

Psychology
Learners will investigate behaviors, thought processes, social learning, and biology from childhood to adulthood applying historical and contemporary approaches of psychology. Topics covered in this course include psychological disorders and treatments, biological systems, learning, therapies, developmental psychology, and scientific methods used by psychologists.

Sociology
This course will emphasize social concerns in the United States with an in-depth study of American values, world cultures, and modern social problems will be included. Learners will practice thinking like sociologists and understand the rich diversity that is present in society.

US Government
This course focuses on U.S. development from industrialization in semester one through the terms of our more recent presidents in semester two. A topical approach is used to provide a more detailed look at events, movements, and the people that have had a significant impact on the shaping of our nation.

US History
This course provides a historical background to the creation and operation of the United States government. It will emphasize the law-making functions of Congress, the roles and duties of the President, and the jurisdiction and operation of the federal courts. In addition, the role of the citizen in the democratic process will be examined and discussed.

Western Civilization
This course focuses on the development of western civilization from the Renaissance period through more contemporary history of various regions of the world.

Women in American History
This course explores the impact of historical events on the lives of U.S. women and the varied roles women played in shaping American history. This course examines the political, social, economic, and cultural development of U.S. women from colonial times to the present, with a focus on the lived experiences of diverse groups of women.

World Geography
In this course learners will explore the various regions of the world with regards to physical features, climate, vegetation, population density, economic resources, and human-environment interactions.

Special Services

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Alternate Assessed Core Topics in English/ Language I	0.5		9, 10, 11, 12	H, S, WF				19910
Alternate Assessed Core Topics in	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in			19911

English/ Language II					English/ Language I			
Alternate Assessed Core Topics in English/ Language III	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in English/ Language II			19912
Alternate Assessed Core Topics in English/ Language IV	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in English/ Language III			19913
Alternate Assessed Core Topics in Math I	0.5		9, 10, 11, 12	H, S, WF				19920
Alternate Assessed Core Topics in Math II	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Math I			19921
Alternate Assessed Core Topics in Math III	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Math II			19922
Alternate Assessed Core Topics in Math IV	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Math III			19923
Alternate Assessed Core Topics in Science I	0.5		9, 10, 11, 12	H, S, WF	*			19930
Alternate Assessed Core Topics in Science II	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Science I			19931
Alternate Assessed Core Topics in Science III	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Science II			19932
Alternate Assessed Core Topics in Science IV	0.5		9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Science III			19933
Alternate Assessed Core Topics in Social Studies I (Geography)	0.5		9	H, S, WF				19940
Alternate Assessed Core Topics in Social Studies II (Western Civilization)	0.5		10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Social Studies I (Geography)			19941
Alternate Assessed Core Topics in	0.5		10, 11, 12	H, S, WF	Alternate Assessed Core			19942

Social Studies III (US History)					Topics in Social Studies II (Western Civilization)			
Alternate Assessed Core Topics in Social Studies III (Gov/Econ)	0.5		12	H, S, WF	Alternate Assessed Core Topics in Social Studies II (US History)			19943
Applied Topics in Health	0.5		9, 10, 11, 12	H, S, WF				19824
Daily Living I	0.5		9, 10, 11, 12	H, S, WF				19828
Daily Living II	0.5		9, 10, 11, 12	H, S, WF	Daily Living I			19829
Daily Living III	0.5		9, 10, 11, 12	H, S, WF	Daily Living II			19830
Daily Living IV	0.5		9, 10, 11, 12	H, S, WF	Daily Living III			19847
General Study Hall	0		9, 10, 11, 12	H, S, WF				00094
High School Success	0.5		9, 10, 11, 12	H, S, WF				19854
Resource	0.25		9, 10, 11, 12	H, S, WF				19861

Alternate Assessed Core Topics in English/Language I
An introductory course designed to teach life skills impacting personal-social skills (maintaining good interpersonal skills and communicating with others). Learners will receive instruction in listening and responding skills; communicating with understanding; knowing the subtleties of communication; and learning effective written/verbal language skills about communication with others in various personal, social, and occupational situations.

Alternate Assessed Core Topics in English/Language II
Expanded learner studies to teach life skills impacting personal-social skills (maintaining good interpersonal skills and communicating with others). Learners will receive instruction in listening and responding skills; communicating with understanding; knowing the subtleties of communication; and learning effective written/verbal language skills about communication with others in various personal, social, and occupational situations.

Alternate Assessed Core Topics in English/Language III
The application of life skills impacting personal-social skills (maintaining good interpersonal skills and communicating with others). Learners will receive instruction in listening and responding skills; communicating with understanding; knowing the subtleties of communication; and learning effective written/verbal language skills about communication with others in various personal, social, and occupational situations.

Alternate Assessed Core Topics in English/Language IV
The demonstration and application of life skills impacting personal social skills (maintaining good interpersonal skills and communicating with others). Learners will receive instruction in listening and responding skills; communicating with understanding; knowing the subtleties of communication; and learning effective written/verbal language skills about communication with others in various personal, social, and occupational situations.

Alternate Assessed Core Topics in Math I
An introductory course designed to teach life skills in the math domain impacting vocational, domestic living, leisure, and curricular recreation areas. Learners will receive instruction in counting money, making changes, estimating the value of objects, budgeting skills, making purchases, semi-independently managing personal finances, banking skills, vocational counting, and sequencing skills, and using coins to activate vending machines or mass transit.

Alternate Assessed Core Topics in Math II
Expanded learner studies and/or increased independence in community participation competencies in the math domain impacting vocational, domestic living, leisure, and curricular recreation areas. Learners will demonstrate knowledge of counting money, making change, estimating the value of objects, budgeting skills, making purchases, semi-independently managing personal finances, banking skills, vocational counting, and sequencing skills, and using coins to activate vending machines or mass transit.

Alternate Assessed Core Topics in Math III
Application of (semi) independence in community participation competencies in the math domain impacting vocational, domestic living, leisure, and curricular recreation areas. Learners will demonstrate their level of independence, knowledge of counting money, making change, estimating the value of objects, budgeting skills, making responsible expenditures, semi-independently managing personal finances, banking skills, vocational counting, and sequencing skills, using coins to activate vending machines or mass transit.

Alternate Assessed Core Topics in Math IV
Expanded learner studies and/or increased independence in demonstrating and applying community participation competencies in math, impacting vocational, domestic living, leisure, and curricular recreation areas. Learners will demonstrate knowledge of counting money, making change, estimating the value of objects, budgeting skills, making purchases, semi-independently managing personal finances, banking skills, vocational counting, and sequencing skills, and using coins to activate vending machines or mass transit.

Alternate Assessed Core Topics in Science I
An introductory course designed to teach basic information in physical and biological sciences. Learners will receive instruction in various physical science topics, including elements and compounds; chemical reactions and interactions; matter; motion; power, and energy, including electricity, HVAC; sound, and light. Biology-related topics of instruction may include cells; living and non-living things; plants and animals, including the human body and their classifications, systems, and behaviors; staying healthy, including nutrition, disease, and environment; ecosystems and populations, including behaviors and communication.

Alternate Assessed Core Topics in Science II
Expanded learner studies in physical and biological sciences. Learners will receive instruction in various physical science topics, including elements and compounds; chemical reactions and interactions; matter; motion; power, and energy, including electricity, HVAC; sound, and light. Biology-related topics of instruction may include cells; living and non-living things; plants and animals, including the human body and their classifications, systems, and behaviors; staying healthy, including nutrition, disease, and environment.

Alternate Assessed Core Topics in Science III
The application of physical and biological sciences. Learners will receive instruction in various physical science topics, including elements and compounds; chemical reactions and interactions;

matter; motion; power, and energy, including electricity, HVAC; sound, and light. Biology-related topics of instruction may include cells; living and non-living things; plants and animals, including the human body and their classifications, systems, and behaviors; staying healthy, including nutrition, disease, and environment; ecosystems and populations, including behaviors and communication.

Alternate Assessed Core Topics in Science IV
The demonstration and application of physical and biological sciences. Learners will receive instruction in various physical science topics, including elements and compounds; chemical reactions and interactions; matter; motion; power, and energy, including electricity, HVAC; sound, and light. Biology-related topics of instruction may include cells; living and non-living things; plants and animals, including the human body and their classifications, systems, and behaviors; staying healthy, including nutrition, disease, and environment; ecosystems and populations, including behaviors and communication.

Alternate Assessed Core Topics in Social Studies I (Geography)
An introductory course designed to teach life skills (exhibiting responsible citizenship within the community). Learners will receive instruction on civil and citizen rights/responsibilities; the nature of local, state, and federal government; identify knowledge of the law and ability to follow the law; and locate community, regional, and state sites with/without the use of a map.

Alternate Assessed Core Topics in Social Studies II (Western Civilization)
Expanded learner studies and/or increased independence in life skills (exhibiting responsible citizenship within the community). Learners will demonstrate knowledge of civil and citizen rights/responsibilities; the nature of local, state, and federal government; knowledge of the law and ability to follow the law; and locate community, regional, and state sites with/without the use of a map.

Alternate Assessed Core Topics in Social Studies III (US History)
Application of (semi) independence in daily life skills (exhibiting responsible citizenship within the community). Learners will demonstrate knowledge of civil and citizen rights/responsibilities; comprehend local, state, and federal government; illustrate knowledge of the law and ability to follow the law; and (semi) independently locate community, regional, and state sites with/without the use of a map.

Alternate Assessed Core Topics in Social Studies III (Gov/Econ)
Expanded learner studies and/or increased independence in demonstrating and applying community participation competencies in daily life skills (exhibiting responsible citizenship within the community). Learners will demonstrate knowledge of civil and citizen rights/responsibilities; comprehend the nature of local, state, and federal government; illustrate knowledge of the law and ability to follow the law; and locate community, regional, and state sites with/without the use of a map.

Applied Topics in Health
An introductory course designed to teach life skills in the health domain impacting daily living skills (caring for personal needs). Learners will receive instruction in dressing appropriately; practicing personal safety, proper grooming and hygiene; knowledge of common illnesses; and prevention and treatment of common illnesses.

Daily Living I
An introductory course designed to teach life skills impacting daily living and personal-social skills. Learners will be introduced to selecting and managing a household, caring for personal needs, raising children, meeting marriage responsibilities, buying and caring for clothing, getting around the community, understanding self-awareness and socially responsible behavior, and developing appropriate interpersonal skills.

Daily Living II
Expanded learner studies and/or increased independence in the demonstration of community-based competencies of daily living and personal-social skills. Learner will be introduced to selecting

and managing a household, caring for personal needs, raising children and meeting marriage responsibilities, buying, and caring for clothing, getting around the community, understanding self-awareness, and socially responsible behavior, and developing appropriate interpersonal skills.

Daily Living III
Application of community-based competencies in daily living and personal-social skills. Learners will apply knowledge of selecting and managing a household, caring for personal needs, raising children and meeting marriage responsibilities, buying, and caring for clothing, getting around the community independently, applying self-awareness and socially responsible behavior, and exhibiting appropriate interpersonal skills.

Daily Living IV
Expanded learner studies and/or increased independence in demonstrating and applying community-based competencies in daily living and personal-social skills. Learners will demonstrate knowledge of selecting and managing a household, caring for personal needs, raising children and meeting marriage responsibilities; buying and caring for clothing; getting around the community independently; demonstrating self-awareness and socially responsible behavior, and exhibiting appropriate interpersonal skills.

General Study Hall
Applied topic and school and life skills.

High School Success
This course is designed to help learners identify their strengths and weaknesses and develop strategies to help them increase their independence. This class focuses on developing skills to help them succeed academically and in work settings. Activities will be presented in the following areas: reading skills, writing skills, math skills, study skills, and test-taking strategies. Learners are introduced to various sources using technology to assist with academic tasks. Learners learn and practice self-advocacy skills which will be beneficial in making the transition to adult life. Communication skills, decision-making and consequences, and time management are discussed throughout the course. Research related to options for their adult life will be included in this class.

Resource
A separate classroom in a regular school setting where some learners with educational disabilities, receive direct, specialized instruction, academic remediation, and assistance with homework and related assignments as individuals or in small groups.

Supplementary Services

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Career & Transition Planning	0.5		11, 12	H, S, WF			Placement in this course requires counselor/ educator approval. Learner must be enrolled in	19861
Career Development I	0.5		9	H, S, WF				19854
Career Development II			10, 11, 12	H, S, WF	Career Development I			19855
Career Development III	1.5		10, 11, 12	H, S, WF	Career Development II			19856

Career Development IV	1		10, 11, 12	H, S, WF	Career Development III		CTE Courses	19857
Career Development/ Job Experience I-IV	1		10, 11, 12	H, S, WF	Career Development III			19815

Career & Transition Planning
Career Development is a study of careers and the world of work for learners assigned for special placement.

Career Development I
Career Development is a study of the world of work for learners assigned for special placement. Semester 1 is an orientation to locating, applying for, and maintaining employment. Semester 1 is a simulated job experience where learners have an opportunity to practice hands on work and decision making through running their own craft business. Semester 2 is a study of the world of work using resources, technology, guest speakers, and field trips. The class goal is to aid in planning and preparing learners for transition from high school to post-secondary training with emphasis on pre-vocational training.

Career Development II
Career Development II is a continuation of Career Development I, using textbook, workbooks, films, guest speakers and field trips. The emphasis of the class is on maintaining employment and independent living skills including taxes, money management and living on your own.

Career Development III
Second Semester Block Class: Career Development III is a job shadow program. Learners will be out in the community placed on various job settings learning good work skills and career possibilities. Classroom time will be used to hold discussions into the understanding of what was, and will be, learned in their community-based job placements

Career Development IV
Block Class both semesters: Career Development IV is a class in understanding career planning, the search for, and obtaining employment. This may include job shadows, job interviews, and job site visits before gaining employment. Each learner will also be asked to come up with a plan that can help in the pursuit of future employment. This may include college visits, informational interviews, and guest speakers.

Career Development/ Job Experience I-IV
First and Second Semester: Job experience is for learners who are employed after school and wish to get school credit. Learners must fill out job contract and supervising educator will get quarterly job evaluations on the learners.

Technology Engineering/Project Lead the Way

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Energy in Motion Innovations	0.5		10, 11, 12	S, WF				10331
Drafting & Architectural	0.5		11, 12	H, S, WF				10514

Engineering – PLTW								
Intro to Engineering – PLTW	1		9, 10, 11, 12	H, S, WF				10511
Principles of Engineering – PLTW	1		10, 11, 12	H, S, WF				10513
Robotics – VEX	0.5		9, 10, 11, 12	H, S, WF				10411

Energy in Motion Innovations
Explore the past, present, and future of energy sources. Fossil fuel reliance and the consequences of their use will serve as the foundation of the class. Emphasis is placed on alternative energy sources, advantages/disadvantages. Learners will leave with an understanding of how mechanical, electrical, and fluid power systems work. Hands-on projects and problem-solving labs include: hydraulic robot arm, trebuchet challenge, design and build a solar hot water heater, design and test wind turbine blades, and a simulated coal mining experience.

Drafting & Architectural Engineering – PLTW
Learn various aspects of drafting, architecture, and civil engineering to apply knowledge to the design and development of residential and commercial properties and structures. In addition, Learners use 3D design software to design and document solutions for major course projects. Learners communicate and present solutions to their peers and members of a professional community of engineers and architects.

Intro to Engineering – PLTW
Let's create a new product or process! IED teaches the design thinking process to help learners think like an inventor. Virtual models are created using 3-D modeling software, 3D printers, enhanced technologies, and more. Learners will work individually and as teams to research, design, communicate, and engineer real world solutions.

Principles of Engineering – PLTW
Do you like Shark Tank? This survey course exposes learners to engineering topics including mechanisms, energy, statics, materials, and kinematics. Innovation and problem-solving skills are used to research and design a new idea or solution that could change the way we do things today. Learners will document their work and communicate solutions to an authentic audience.

Robotics – VEX
Robotics is not only the future, but also the present. Robotics is hands-on study of engineering concepts including physics, programming, mechanical systems, electrical and electronics systems, but in a fun way. Learners will be introduced to VEX robots and software to automate machines and build a robot to play a sport-like game. Robotics solutions encourage creativity, teamwork, leadership, passion, and problem-solving among groups through a head-to-head robot challenge.

Trade and Industry

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Aviation Technology I	1		10, 11, 12	S				17812
Aviation Technology II	1		11, 12	S	Aviation Technology I		*	17813

Building Trades Pre-apprenticeship	150 work hrs		11, 12	WF	Building Trades I		*	17999
Building Trades Technology I	2		11, 12	WF	Construction Tech		*	17100
Building Trades Technology II	2		12	WF	Building Trades I		*	17117
Construction Technology	0.5		9, 10, 11, 12	H, S, WF				10111
Diesel Technology I	1		10, 11, 12	S				17040
Diesel Technology II	2		11, 12	S	Diesel Technology I			17041
Foundations of Building Trades	0.5-1		10, 11, 12	H				17105
Automated Manufacturing	1		10, 11, 12	C3TEC South HS			*	17113
Metals I	0.5		10, 11, 12	WF			*	17236
Metals II	0.5		10, 11, 12	WF			*	17237
Recreational Engines Technology I	2		11, 12	WF			*	17310
Recreational Engines Technology II	2		12	WF	Rec Engines I		*	17311
Welding I	1	*	10, 11, 12	NDSCS – F			*	17236
Welding II	1	*	10, 11, 12	NDSCS – F	Welding I		*	17237
Woods I	0.5		10, 11, 12	H, S, WF			*	10111
Woods II	0.5		10, 11, 12	H, S, WF	Woods I		*	10093
Unmanned Aerial Vehicle	0.5	*	10, 11, 12	S			*	17814

Aviation Technology I
Exposes learners to careers in the field of aviation, such as air traffic control, flight dispatching and airport management, etc. The course covers fundamentals of flight, flight operations, aviation weather, performance, and navigation. Units of instruction include flight history, safety, space, airport layout, aeronautical charts, radar, radio procedures, aerodynamics, weather patterns and hazards. Emphasis on applied academics in math and science are integrated, along with decision-making principles as it applies to flight-related factors. Lessons are enhanced by guest speakers and field trips to local airports and aviation sites.

Aviation Technology II
This course is a continuation of concepts learned in Aviation I. This course will cover advanced flight topics from area Aviation experts. Learners will be exposed to new concepts in UAS and drone technology as well as expanding topics covered in Aviation I to an advanced level. Learners will be

preparing to pass the Federal Aviation Administration (FAA) private pilot written exam. Successful completion of Aviation I is a prerequisite.

Building Trades Pre-apprenticeship
The purpose of this course is to provide learners with the opportunity to develop skills and knowledge in the construction field. The course is also designed to assist in selecting an occupation that best suits their capabilities and interests. Learners will gain major work experience by working on the job site. This is a school-to-work program in which learners will work side-by-side with experienced professionals. This will allow the learners to gain the necessary competencies needed in the construction field while learning blueprint reading, foundation, wall and roof construction, interior and exterior finishing, and residential or commercial construction skills.

Building Trades Technology I
Learners can develop skills and knowledge in the construction field. Construction of a house will provide extensive hands-on training and responsibility in the role of a small construction company. Competencies include: blueprint reading, foundations, wall and roof construction, interior and exterior finishing, and residential or commercial construction skills. This course is also being offered as dual credit through NDSCS. *Dual credit information will be provided. Application fees may apply.

Building Trades Technology II
The purpose of this course is to provide learners with the opportunity to develop leadership skills and highly specialized knowledge in the construction field. Learners will be scheduled with the Building Trades Technology I class. The major work experience will still focus on the construction of a house, with each Building Trades Technology II learners acting as a foreman. They will utilize the skills and hands-on training they acquired during their Building Trades Technology I experience. Learners will gain not only leadership skills, but they will also demonstrate wall, rafter, and stair layout, as well as other finishing skills to others. Learners that complete the WFHS Building Trades Technology II program will have the unique opportunity to receive an OSHA ten-hour card through an online course.

Construction Technology
Learners will study the technology involved in the construction of residential and industrial structures. Throughout the semester learners will be exposed to safety, architecture, environmental impacts, materials science, design modification, engineering and 3-D modeling, advancements in technology, and exploration of various construction careers. Learners will exit the class with a strong knowledge of fundamental construction techniques and can “build” upon this knowledge through various challenging endeavors. TSA activities are incorporated into the class.

Diesel Technology I
This course allows learners to experience a variety of diesel and heavy equipment practices. Learners will explore the field of diesel and heavy-duty equipment repair, and will learn the basics of safety, equipment identification, and the use of hand and power tools in the lab setting. Learners will gain knowledge about careers within the diesel and heavy equipment repair industry. Lessons will be enhanced by industry partners such as: RDO, General Equipment, Butler, and Titan Machinery. Learners will be introduced to diesel engine operation and components, hydraulics, brakes/suspension, and electrical. Technology-related mathematics, reading, writing, vocabulary, blueprint reading, and science are integrated throughout the curriculum. Learners will have the opportunity to enroll in Diesel Technology II in the future.

Diesel Technology II
This course is a continuation of Diesel I, exploring advanced levels of fuel systems, steering, tire and wheel diagnosis, service and repair of electrical and electronic controls and systems, as well as

hydraulic and air brake systems. Learn shop organization and management. Training and practice of Preventive Maintenance Inspection (PMI) is accomplished. Lessons will be enhanced by industry partnerships. Technology, mathematics, reading, writing, vocabulary, blueprint reading, and science are integrated throughout the curriculum.

Foundations of Building Trades
Foundations of Building Trades will expose learners to the opportunities available in the architecture and construction industry, including occupations such as carpenter, electrician, plumber, heating/air conditioning technician, safety supervisor, architect, engineer, and other occupations. Learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

Automated Manufacturing
This course offers learners an introduction to the design and operation of a metals production system (machining, welding, and fabrication). Learners will learn how to properly read and create layout drawings. Different aspects of quality control, production planning and procedures, and different types of production manufacturing will be emphasized. This is a hands-on, project-based class where learners are able to design and develop various projects. Learners use modern equipment such as CNC plasma table, CNC machine tools, and a variety of electric welding equipment. Learners develop hard and soft employability skills and explore several occupations in the manufacturing sector.

Metals I
This course will offer learners the chance to create and experience basic welding applications using a CNC lathe, CNC mill and robotic programming, as well as design and build using metal. Technical and academic information related to the welding trade will be integrated such as applied math, blue print reading and symbols, safety, and general construction. Workplace readiness skills will also be addressed.

Metals II
This course will offer learners the chance to develop new ideas and expand on Metals I experiences advancing to gas metal and arc welding, oxyacetylene weld/cutting, brazing plasma arc cutting, CNC lathe, CNC mill, robotic programming, design, build, and business operations. Advanced technical information related to applied math, blue print reading and symbols, safety, and general construction. Workplace readiness skills will also be addressed. Learners interested in manufacturing, energy, transportation, and construction careers, would benefit from this class.

Recreational Engines Technology I
The purpose of this course is to provide learners with the opportunity to develop skills and knowledge in the exciting field of recreational engines. The experience and hands-on training gained will not only assist the learner in developing a possible career in the many areas of recreational vehicle industry, but it will also instill lifelong mechanical skills. This program will cover all aspects of the two- and four-stroke engines and their related systems as well as Intro to Diesel Technology.

Recreational Engines Technology II
The purpose of this course is to provide learners with the opportunity to advance their skills in the recreational engines field. Learners will use their advanced skills to diagnose and perform tasks on customer projects as well as their own equipment. Learners will spend an extensive amount of time in the lab setting. This program covers all aspects of motorcycles, snowmobiles, and their related systems, as well as diesel engines and their related systems.

Welding I

This course gives beginning instruction in laboratory safety and the use of personal protection equipment, with strong emphasis on the safe handling of welding and cutting equipment. It includes basic hands-on instruction on Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Oxy-Fuel Cutting (OFC) on various thicknesses of metal and techniques used. Also covered are welding supplies and equipment. *Dual credit information will be provided. Application fees may apply.

Welding II
This course gives beginning instruction in laboratory safety and the use of personal protection equipment, with strong emphasis on the safe handling of welding and cutting equipment. It includes basic hands-on instruction on Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Oxy-Fuel Cutting (OFC) on various thicknesses of metal and techniques used. Also covered are welding supplies and equipment. *Dual credit information will be provided. Application fees may apply.

Woods I
This is an introductory course designed for learners interested in understanding design processes for selected wood-based design problems. Each learner will research the design and decision-making process to gain insight on how to cut, surface, form, assemble, and finish the wood project. Safe and effective work habits are emphasized on all power equipment, tools, materials, and lab activities. Creativity, problem solving, effective communication skills, and teamwork are important for successful completion of this course.

Woods II
This is a more advanced course designed for the learner who can research, design, plan, and execute their own projects. Each learner will problem solve, and design projects given as tasks using 3-D software. Learners will build and finish usable projects using their designed plans. Proper and safe work habits are emphasized on all power equipment, tools, materials, and lab structure. Creativity, problem-solving, and mathematical and measurement competencies are important for successful completion of this course. This course is taught so learners can have hands-on work experience using power and hand tools safety while gaining an understanding of a manufacturing environment.

Unmanned Aerial Vehicle
The Unmanned Aerial Systems course will teach learners a basic understanding of recreational and commercial unmanned aircraft operations. They will identify the responsibility and authority of the remote PIC, discuss rules of UAS operation, understand the significance of airspace classes, special-use airspace, understand weather and how it affects flight of UAV, general loading and performance data, and airport operations. Learners will be prepared to take the FAA part 107 exam. *Dual credit information will be provided. Application fees may apply.

Visual Arts

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
Applied Topics of Art	0.5		9, 10, 11, 12	H, S, WF	Placement			02021
Art I	0.5		9, 10, 11, 12	H, S, WF				02020
Art II	0.5		9, 10, 11, 12	H, S, WF	Art I			02020

Art Trends	0.5		10, 11, 12	H, S, WF				02021
Ceramics I	0.5		9, 10, 11, 12	H, S, WF				02029
Ceramics II/ Sculpture	0.5		9, 10, 11, 12	H, S, WF	Ceramics I			02029
Ceramics III/ Sculpture	0.5		10, 11, 12	H, S, WF	Ceramics II			02024
Drawing and Painting I	0.5		9, 10, 11, 12	H, S, WF				02022
Drawing and Design II	0.5		9, 10, 11, 12	H, S, WF	Drawing and Painting I			02025
Drawing and Design III	0.5		10, 11, 12	H, S, WF	Drawing and Design II			02025
Independent Art	0.5		11, 12	H, S, WF			Instructor recommendation only	02050
Painting II	0.5		9, 10, 11, 12	H, S, WF	Drawing and Painting I			02026
Painting III	0.5		9, 10, 11, 12	H, S, WF	Paining II			02026

Applied Topics of Art
Foundations of Art is a hands-on course that is structured around the Elements of Art (Line, Shape, Form, Color, Texture, Value, and Space.) Projects will be created with a wide range of both traditional and contemporary materials. Each assignment will help learners to understand an Element of Art and how it can be used to create visual imagery. Projects in this course are designed for a wide range of ability levels and all assignments can be altered to suit the needs of diverse learners. Fine motor skills, decision making, personal expression, and self-confidence will be improved through participation in Foundations of Art.

Art I
Art I is an introductory course exploring current topics in art, focusing on digital illustration, printmaking, and sculpture. Learners will begin to build a personal portfolio and develop an understanding of art media through a variety of hands-on visual arts experiences and discussion. Studying art strengthens learners' ability to analyze and interpret the world around them.

Art II
Art II centers on furthering the exploration of contemporary issues in art, focusing on units in digital art and animation, printmaking, and collaborative 2D/3D installation. Learners are encouraged to exercise more personal artistic vision through the production of creative, original work, with an emphasis on conceptual development, critical thinking, and craftsmanship.

Art Trends

Units of study include emphasis on graphic design, animation/cartooning, creativity, philosophy, community art, art influenced careers, graffiti, and other urban inspired forms of art. This is a non-sequential course, and no previous art experience is necessary.

Ceramics I
Ceramics I focuses on the fundamental methods of hand building which are the pinch method, coil method, and slab method. Learners will gain experience in these three building methods and will create original works in a variety of units, which may include theme and subject matter development.

Ceramics II/Sculpture
Ceramics II/Sculpture learners will do intermediate work in clay and other 3-D materials. Learners will work with ceramic methods of pinch, coil, slab and throwing along with other 3-D materials, such as: plaster of Paris, paper mâché, wire, cardboard, assemblage, wood construction, etc. Can't take Ceramics 3/Sculpture course the same year.

Ceramics III/ Sculpture
Ceramics 3/Sculpture is a fall semester class, so one cannot take Ceramics II/Sculpture course the same year. Ceramics III/Sculpture learners will do advanced work in the 3-D realm. Learners will be given various problems and assignments for them to solve in a variety of ways and media. This course is designed to encourage learners to find their own direction in their artwork using a three-dimensional medium.

Drawing and Painting I
Learners will explore various drawing techniques working with a wide range of drawing media: pencils, color pencils, pastels, charcoal, and markers. Learners will work with techniques for acrylic and watercolor paints addressing color theory. Also, learners will explore the elements of art and the principles of design.

Drawing and Design II
Learners will advance their competence in using various materials as they study subject matter, create themes and develop strong compositions. Learners will use a sketchbook that is provided to sketch in class daily. Can't take Drawing and Design III course the same year – Drawing and Design II is a spring semester class.

Drawing and Design III
Drawing and Design III is a fall semester class, so one cannot take Drawing and Design II course the same year. Drawing and Design III is an advanced course that learners individually decide on a motif (subject matter and theme) to work on throughout the course. The learners will choose what materials and themes they want to explore. Advanced drawing techniques and composition skills will be developed.

Independent Art
Learners use artistic techniques to effectively communicate ideas and information to business and customer audiences via illustration and other forms of digital or printed media. Topics covered may include concept design, layout, paste-up, and techniques such as engraving, etching, silkscreen, lithography, offset, drawing and cartooning, painting, collage, and computer graphics.

Painting II
Painting II will focus on painting media – acrylics, watercolor and mixed media. Learners will learn more complex methods of painting including working with the techniques of the old masters and contemporary painters. Learners will start developing more in-depth thematic elements within their

painting while using the foundations as a structure as they advance and do more individualized work.

Painting III
Painting III learners individually decide on a motif (subject matter and theme) to work on throughout the course. This course is designed to help learners develop a body of work using different methods and materials. Advanced painting techniques and composition skills will be developed.

World Languages

Course	Credit	DC/AP	Grade	School	Prerequisites	NCAA	Fees/ Other	MISO3
French I	1		9, 10, 11, 12	H, S, WF				06281
French II	1		10, 11, 12	H, S, WF	French I			06282
French III	1		11, 12	H, S, WF	French II			06283
French IV	1		12	H, S, WF	French III			06284
German I	1		9, 10, 11, 12	WF				06291
German II	1		10, 11, 12	WF	German I			06292
German III	1		11, 12	WF	German II			06293
German IV	1		12	WF	German III			06294
Spanish I	1		9, 10, 11, 12	H, S, WF				06211
Spanish II	1		10, 11, 12	H, S, WF	Spanish I			06212
Spanish III	1		11, 12	H, S, WF	Spanish II			06213
Spanish IV	1		12	H, S, WF	Spanish III			06214

French I
This is a novice course for learners with little to no experience with the French language. Learners will engage in listening, reading, speaking, and writing and will be able to communicate on familiar topics with practiced words and phrases in complete sentences with occasional detail. Learners will create comparisons and connections to the customs and cultures prevalent in the diverse French speaking world.

French II
This is a novice course for learners with limited experience with the French language who have completed the prerequisite of French I. Learners will engage in listening, reading, speaking, and writing and will be able to communicate in complete sentences, in simple paragraphs, begin to create original ideas with detail on known topics and begin to order events. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the diverse French speaking world.

French III
This is an intermediate course for learners who have completed the prerequisites of French I and French II. Learners will engage in listening, reading, speaking, and writing and will be able to communicate using vocabulary and phrases to create original ideas using complete, detailed sentences and paragraphs and begin to describe or explain in different timeframes. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the diverse French speaking world.

French IV

This is an intermediate course for learners who have completed the prerequisites of French I, French II, and French III. Learners will engage in listening, reading, speaking, and writing and will be able to communicate on familiar topics in detailed paragraphs, begin to narrate, and summarize information in different timeframes. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the diverse French speaking world.

German I
This is a novice course for learners with little to no experience with the German language. Learners will engage in listening, reading, speaking, and writing and will be able to communicate on familiar topics with practiced words and phrases in complete sentences with occasional detail. Learners will create comparisons and connections to the customs and cultures prevalent in the German speaking world.

German II
This is a novice course for learners with limited experience with the German language who have completed the prerequisite of German I. Learners will engage in listening, reading, speaking, and writing and will be able to communicate in complete sentences, in simple paragraphs, begin to create original ideas with detail on known topics and begin to order events. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the German speaking world.

German III
This is an intermediate course for learners who have completed the prerequisites of German I and German II. Learners will engage in listening, reading, speaking, and writing and will be able to communicate using vocabulary and phrases to create original ideas using complete, detailed sentences and paragraphs and begin to describe or explain in different timeframes. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the German speaking world.

German IV
This is an intermediate course for learners who have completed the prerequisites of German I, German II, and German III. Learners will engage in listening, reading, speaking, and writing and will be able to communicate on familiar topics in detailed paragraphs, begin to narrate, and summarize information in different timeframes. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the German speaking world.

Spanish I
This is a novice course for learners with little to no experience with the Spanish language. Learners will engage in listening, reading, speaking, and writing and will be able to communicate on familiar topics with practiced words and phrases in complete simple sentences with occasional detail. Learners will create comparisons and connections to the customs and cultures prevalent in the diverse Spanish speaking world.

Spanish II
This is a novice course for learners with limited experience with the Spanish language who have completed the prerequisite of Spanish I. Learners will engage in listening, reading, speaking, and writing and will be able to communicate in complete sentences, in simple paragraphs, begin to create original ideas with detail on known topics and begin to order events. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the diverse Spanish speaking world.

Spanish III

This is an intermediate course for learners who have completed the prerequisites of Spanish I and Spanish II. Learners will engage in listening, reading, speaking, and writing and will be able to communicate using vocabulary and phrases to create original ideas using complete, detailed sentences and paragraphs and begin to describe or explain in different timeframes. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the diverse Spanish speaking world.

Spanish IV
This is an intermediate course for learners who have completed the prerequisites of Spanish I, Spanish II, and Spanish III. Learners will engage in listening, reading, speaking, and writing and will be able to communicate on familiar topics in detailed paragraphs, begin to narrate, and summarize information in different timeframes. Learners will continue to create comparisons and connections and broaden their perspectives of themselves and the diverse Spanish speaking world.