



**2026-2027**

Course Catalog Grades 9-12

## GRADUATION – HIGH SCHOOL

### 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 the learner's four-year educational plan. Carefully thought-out course selections are equally important to the school district as commitments for staffing for the ensuing year are based on the learner selections.

<b>Required Courses</b>	<b>Credits</b>
English	4.0
Health	0.5
Mathematics- at least 1 credit in Basic Math, Pre-Algebra, or Algebra I	3.0
Physical Education	1.5
Science- Physical Science (or 1 year of Physics + 1 year of Chemistry), Biology, and 1 additional science course	3.0
Social Studies	3.5
• Social Studies Elective	0.5
• World History or AP European History	1.0
• US History	1.0
• US Government	0.5
• Economics with financial literacy	0.5
<b>Required Units</b>	<b>15.5</b>
<b>Elective Units</b>	<b>7.5</b>
Three credits must be a combination of World Language, Fine Arts, or Career & Technical Education courses.	
Additional Requirements: Civics exam Computer Science and Cybersecurity standards requirements (beginning with the class of 2026)	
<b>Units of credit required for graduation</b>	<b>23.0</b>

### ELIGIBILITY

To qualify for graduation, a senior must have been 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 and the principal. In addition, learners must have completed 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 an administrator 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 failures through summer school, approved correspondence or online school before the next semester starts. Courses failed and not made up by the beginning of the next semester must be scheduled. Special permission must be obtained to take further courses in the same field until failures have been removed.

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### **CEREMONY PARTICIPATION**

West Fargo Public Schools holds high expectations for participating in the ceremony of graduation. It is a privilege to walk in the graduation ceremony.

To participate in the graduation ceremony, graduating seniors must:

- Complete a presentation showcasing their Profile of a Graduate dispositions.
- Complete the Choice Ready dashboard.
- Complete senior survey.
- Complete all outstanding obligations, prior to graduation rehearsal, inclusive of but not limited to:
  - Serve any and all detention hours.
  - Pay any and all parking tickets.
  - Pay any and all school fees.
  - Return any and all athletic uniforms and equipment.
  - Return all instructional resources:
    - iPad and iPad accessories
    - Textbooks
    - Library books
    - Other teacher obligations (gym lock, calculators, etc.)
- Attend the mandatory graduation rehearsal as scheduled.

Participation is also contingent upon learner attendance and behavioral issues as determined by the school administrative team.

### **COMMENCEMENT RECOGNITION**

Graduating seniors who have attained any or all the following will be given special recognition during commencement exercises:

- Active membership in the National Honor Society and National Technical Honor Society, Military enlistment, achievement of 2 or more non-academic letters.
- A grade point average (weighted) 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). Learners who receive S/U grading are not eligible for graduating with honor.

### **COMMENCEMENT DRESS CODE**

All graduating seniors are expected to abide by the following guidelines if they choose to participate in the ceremony:

- The graduation robe is in school colors with a V neckline. Jewelry, flowers, or other decoration may NOT be added to the robe.
- Caps may NOT be decorated.
- Per ND Century Code 15.1-19-28, graduating seniors may wear an eagle plume or feather in recognition of their tribal heritage.

### **EARLY GRADUATION**

All learners wishing to graduate early must obtain approval by the principal during spring registration in the year prior to the graduation of the learner's class. For more information, please see the district policy on early graduation: <https://www.west-fargo.k12.nd.us/Page/8303>

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# CHOICE READY


<https://www.nd.gov/dpi/districtschools/essa/accountability-support-improvement/choice-ready>



## 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
- Multicultural Awareness

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 or equivalent ND A+ score:

ACT English – 18\*                      SAT Reading/Writing – 480\*

ACT Reading – 22\*                      SAT Math – 530\*


ACT Math – 21\*                      SAT Math – 530\*

\*ND A+ equivalent score will be added once available

or

Two or more additional indicators:


- Advanced Placement Course (A, B, or C) or (4, 3, or 2)
- Dual Credit Course (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) (40 hrs)
- ND A+ (Reading/Math) Mid-point Level 2 or higher (Math 1000) (ELA 975)
- Complete three World Language Courses (A, B, or C) or (4, 3, or 2)
- Complete 2 credits of teaching-related coursework or 2 semesters of Educators Rising



### MILITARY READY

Complete a **Four-Year Rolling Career Plan** and obtain an **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

or

Complete **two credits** in the Military Pathway Program, selecting from the following 1/2 credit courses:

- Intro to Military Careers    ■ Military Health & Fitness
- ASVAB Essentials
- Career Foundations in Military Leadership
- Military Leadership Capstone

Revised October 2025

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Dept	Pathway	Course Name	Credit	Semester	DC - All DC (not weighted)	AP - All AP courses are weighted (Weighted Grading)	Grade	School	Prerequisites	NCAA	Fees/Other	MIS03	Description
ARTS	Visual Arts	Art I	0.5	Semester			9, 10, 11, 12	H, S, WF				02020	Art I is an introductory course exploring contemporary topics in art, focusing on digital illustration, printmaking, and sculpture. Learners will develop an understanding of art media through a variety of hands-on visual arts experiences and discussion.
ARTS	Visual Arts	Art II	0.5	Semester			9, 10, 11, 12	H, S, WF	Art I			02020	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.
ARTS	Visual Arts	Art Trends	0.5	Semester			10, 11, 12	H, S, WF	Any Art Level I			02021	Art Trends centers on experimenting with contemporary trends in the art world fueled by technology and urbanization. Learners will explore topics such as art philosophy, community art, graffiti, tattoos, and will develop their understanding through a variety of hands-on visual arts experiences and discussion. This is a nonsequential course; no previous art experience is necessary, but is preferred.
ARTS	Visual Arts	Ceramics I	0.5	Semester			9, 10, 11, 12	H, S, WF				02029	Ceramics I is a beginner course that focuses on the fundamentals of hand building: pinch, coil, and slab methods. Learners will gain experience in these three techniques and will create original works in a variety of units, which may include thematic and subject matter development.
ARTS	Visual Arts	Ceramics II Sculpture	0.5	Semester			9, 10, 11, 12	H, S, WF	Ceramics I			02029	Ceramics & Sculpture II is an intermediate course in which learners will expand upon their knowledge of pinch, coil, and slab construction methods. Wheel throwing and sculptural methods in other 3D media will also be introduced. Ceramics & Sculpture II emphasizes further development of research skills, personal voice and cultural contexts.
ARTS	Visual Arts	Ceramics III Sculpture	0.5	Semester			10, 11, 12	H, S, WF	Ceramics II			02024	Ceramics & Sculpture III is an advanced course in which learners will choose themes, subject matter, techniques and media to create a personally relevant body of three-dimensional work. Learners will develop technical and conceptual skills through independent research and analysis of traditional and contemporary ceramics and sculpture.
ARTS	Visual Arts	Drawing and Design II	0.5	Semester			9, 10, 11, 12	H, S, WF	Drawing and Painting I			02025	Drawing & Design II is an intermediate course that focuses on advancing learners' competence in both technical and conceptual development using a variety of drawing materials. Emphasis is placed on developing an understanding of color theory, meaningful ideas, strong compositions, intentional mark-making, and experimentation.
ARTS	Visual Arts	Drawing and Design III	0.5	Semester			10, 11, 12	H, S, WF	Drawing and Design II			02025	Learners must have passed Drawing and Painting I in order to take this course.
ARTS	Visual Arts	Drawing and Painting I	0.5	Semester			9, 10, 11, 12	H, S, WF				02022	Drawing & Painting I is a beginner course during which learners will explore the elements of art and principles of design in a wide range of drawing and painting media, such as graphite, charcoal, ink, colored pencil, pastel, acrylic, and watercolor. Learners will develop skills in observational drawing, mark-making and color theory.
ARTS	Visual Arts	Foundations of Art	0.5	Semester			9, 10, 11, 12	H, S, WF	Placement			02021	Foundations of Art is a hands-on course that is structured around the Elements of Art and Principles of Design Projects will be created with a wide range of both traditional and contemporary materials. Each assignment will help learners to apply the Elements of Art/Principles of Design to works of art. Projects in this course are designed for learners with a wide variety of ability levels and needs. Fine motor skills, decision making, personal expression, and self-confidence will be improved through participation in Foundations of Art.
ARTS	Visual Arts	Painting II	0.5	Semester			9, 10, 11, 12	H, S, WF	Drawing and Painting I			02026	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.
ARTS	Visual Arts	Painting III	0.5	Semester			10, 11, 12	H, S, WF	Painting II			02026	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.
AVID	General Electives	Advancement Via Individual Determination (AVID)	1	Year			9, 10, 11, 12	S, WF	Application Process			20080	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.

CTE	Agriculture Education	Agriculture Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Agriculture credit		Approval Process	01999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Agriculture Education	Intro to Agriculture	0.5	Spring			10, 11, 12	C3TEC Online				01011	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.
CTE	Agriculture Education	Intro to Agriculture	0.5	Fall			10, 11, 12	CIC				01011	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.
CTE	Agriculture Education	Plant Science I	0.5	Spring			10, 11, 12	C3TEC Online				01053	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.
CTE	Agriculture Education	Plant Science I	1	Fall			10, 11, 12	CIC				01053	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.
CTE	Agriculture Education	Plant Science II	1	Semester			10, 11, 12	CIC	Plant Science I			01054	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.
CTE	Agriculture Education	Plant & Meat Processing	0.5	Semester			10,11,12	CIC				01068	This course will explore how the growing of plant foods systems and meat products contribute to sustainable food systems. Students will learn how to safely operate the processing equipment and develop skills in meat processing and food production using beef, lamb, pork, poultry, or wild game, along with garden and plants product to market the product. A lab coat is required for protection and safety.
CTE	Agriculture Education	Small Animal & Livestock Care	1	Fall			10, 11, 12	CIC				01066 & 01061	This course is designed to teach students about the management of small animals, which may include, but are not limited to, small mammals, amphibians, reptiles, avians, dogs, and cats. The student will understand the importance of responsible small animal ownership by explaining the domestication and use of small animals, the influence small animals and the small animal industry on society, and the hazards associated with working in the small animal industry (including transmittance of disease and handling of dangerous chemicals).

CTE	Agriculture Education	Veterinary Science	0.5	Spring		11, 12	CIC				01067	This course is designed to prepare students for careers in animal science by introducing them to veterinary practices related to large and small animal species. The student will participate in laboratory and field investigations and demonstrate safety using critical thinking, scientific reasoning, and problem-solving to make informed decisions. They will research and describe the history of veterinary medicine, current topics, the importance of animals in society, and the professional ethics and laws related to veterinary medicine, explain the human-animal bond and describe the legal aspects of animal welfare, identify anatomical structures and systems of animals and correct terminology, evaluate animal diseases and identifies internal and external parasites and can evaluate an animal's health during a clinical examination while safely operating and maintaining equipment used in veterinary science, will also learn to determine nutritional requirements and the importance of nutrition in maintaining a healthy animal, be conscious of the procedures, skills, and objectives included in the job description of an animal care assistant.
CTE	Agriculture Education	World Agriculture	1	Semester		10, 11, 12	CIC	Prior Ag Course			01069	A course designed to introduce learners to global agriculture. This course also includes agricultural career development, leadership, communications, and personal finance.
CTE	Biomedical Sciences	Human Body Systems	1	Year		10, 11, 12	H	Principles of Biomedical Science	*		10732	Learners examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Learners build organs and tissues on MANIKEN® skeletal models, use data acquisition software to monitor body functions, and take on the roles of biomedical professionals to solve real-world medical cases.
CTE	Biomedical Sciences	Medical Interventions	1	Year		11, 12	H	Principles of Biomedical Science			10734	Learners examine the interactions of human body systems as they experience real-world scenarios and cases to see medicine in action. They will diagnose and provide treatment and rehabilitation to patients at an outpatient center, keep clients safe and healthy on adventure medicine trips in remote locations, and work in a research center to design laboratory investigations to explore development and aging. Learners build organs and tissues on MANIKEN® skeletal models, use data acquisition software to monitor body functions, and dissect sheep organs like kidneys, hearts, lungs, & brains.
CTE	Biomedical Sciences	Principles of Biomedical Science	1	Year		9, 10, 11, 12	H, S		*		10730	Learners will explore concepts of biology and medicine to determine the 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.
CTE	Business Management & Education	Accounting I	0.5	Semester		10, 11, 12	H, S, WF			Accounting I & II are combined for a year-long experience.	14010	In Accounting I, you will learn the fundamentals of accounting principles that include terminology, accounting cycle, basic concepts, financial statements, roles of accountants, and ethics in accounting. Simulation packets are often integrated into the course.
CTE	Business Management & Education	Accounting II	0.5	Semester		10, 11, 12	H, S, WF	Accounting I		Accounting I & II are combined for a year-long experience.	14011	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.
CTE	Business Management & Education	Accounting III	0.5	Semester		11, 12	H, S, WF	Accounting I & II		Accounting II & IV are combined for a year-long experience.	14012	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.
CTE	Business Management & Education	Accounting IV	0.5	Semester		11, 12	H, S, WF	Accounting I, II, & III		Accounting II & IV are combined for a year-long experience.	14013	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.
CTE	Business Management & Education	Business & Financial Literacy	0.5	Semester		10, 11, 12	H, S, WF				14095	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.
CTE	Business Management & Education	Business Computer Applications	0.5	Semester		9, 10, 11, 12	S, WF				14024	Learners in Exploring Business Computer Applications will continue developing skills in various computer applications and using multiple input and output devices to gather information, design, present, and evaluate projects. The course will include ethical uses of computers, information, and integrate advance keyboarding skills. The course would be helpful for all learners.

CTE	Business Management & Education	Business Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 CTE credit		Approval Process	14999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Business Management & Education	Business Law	0.5	Semester	*		10, 11, 12	H, S, WF			Optional Dual Credit ACCT 215 (WFHS)	14090	Learners in Business Law will be introduced to the fundamental background of the development and enforcement of laws, the difference between criminal and civil law, and our present court system and how it works. Topics to be discussed include laws concerning contracts, sales, consumers, property, computers, family, environment, wills and trusts, and bankruptcy.
CTE	Business Management & Education	Fundamentals of Business	0.5	Semester	*		9, 10, 11, 12	H, S, WF			Optional Dual Credit BUSN 120 (WFHS)	14230	Learners in the Fundamentals of Business will be introduced to the business world and prepare for the economic roles of consumers, workers, and citizens. The content may include a study of the business environment and strategies for creating, financing, marketing, and managing a business. This course will also serve as a background for other business courses you may take in high school and college.
CTE	Business Management & Education	Web Design	0.5	Semester			10, 11, 12	S, WF				14022	Learners in Web Design will be introduced to various ways to create and maintain web pages. Course topics will focus on overall production processes, emphasizing design elements involving layout, navigation, and interactivity. Understanding proper ethics, copyright laws, social networking, and cyber security topics will be integrated. The basic language of web design and software will be taught along with the additional media inputs within a website (e.g., video, animation, sound, scrolling marquees, forms, contacts, and other additional components).
CTE	Family and Consumer Science	Child Development & Parenting	0.5	Semester			9, 10, 11, 12	H, S, WF				09026	To increase learners' knowledge of how children grow and develop, and to foster acquisition of skills that promote healthy development of the individual. Content may include: processes in individual development; cultural and ethnic differences and similarities in child care; how children learn; age-appropriate activities for children; family development and preparation for parenthood; prenatal development; changing relationships within the family; current issues relating to children and families; <del>sources of support and assistance; related careers; leadership development</del>
CTE	Family and Consumer Science	Contemporary Sewing	0.5	Semester			9, 10, 11, 12	H, S, WF			Fees may apply for special projects.	09030	This project-oriented course introduces learners to historical, current and futuristic aspects of the fashion industry including use of color and design principles, identifying fashions and fads, merchandising, apparel and environmental product production, entrepreneurship, and careers in the fashion industry. In this course, science, mathematics, management, communication skills, and teamwork are reinforced.
CTE	Family and Consumer Sciences	Culinary Arts I (Double Block)	1	Semester			11, 12	H, S, WF	1 credit in prior foods course			09213	To prepare learners for occupations concerned with the preparation and service of food. Content may include: opportunities in the food service industry; career maturity skills; legislation affecting the industry and its workers; safety and sanitation; organization of food preparation and service areas; developing skill in quantity food preparation; menu planning and recipe selection; food purchasing; financial management; current issues in food service; community work experience and/or laboratory simulation; balancing work and family; leadership development.
CTE	Family and Consumer Sciences	Culinary Arts II (Double Block)	1	Semester			11, 12	S, WF	Culinary Arts I			09214	Culinary Arts II uses the ProStart curriculum. ProStart I provides an opportunity for the learners with an interest in food to learn about culinary skills and entering the culinary/food service industry by introducing learners into the world of professional cooking. Training includes safety and sanitation, kitchen basics, food service equipment, nutrition, cost control, accounting, marketing, and customer service relations are taught. Lab experience will be provided throughout in order to reinforce these skills. The ProStart Program is a two-year, industry-based program that is approved by the National Restaurant Association.
CTE	Family and Consumer Sciences	Discovering Foods	0.5	Semester			9, 10, 11, 12	H, S, WF				09131	This introductory course will prepare learners to make critical decisions about food that will contribute to their health and wellbeing of themselves, their families and their communities. The course may include basic food selection and storage, accurate and appropriate measuring, basic cooking terms and techniques, and working safely in the kitchen. Learn how to read food labels and how to apply them to their eating habits and their dietary needs. Lab experiences will focus on preparing and tasting a variety of foods.
CTE	Family and Consumer Sciences	Early Childhood Education (Double Block)	1	Semester			10, 11, 12	WF	Child Development & Parenting			09211	To prepare the learner for employment in childcare centers under the supervision of a director or for self-employment in home-based childcare. Content may include: opportunities in child care occupations; career maturity skills; child care facilities; stages of child growth and development; planning for children's needs; protecting the child's health and safety; children with special needs; working with parents; working with other child care related agencies; current issues in child care; community work experience and/or laboratory simulation; balancing work and family; leadership development.

CTE	Family and Consumer Sciences	Education Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 CTE credit		Approval Process	09299	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Family and Consumer Sciences	Fashion & Clothing	0.5	Semester			9, 10, 11, 12	H, S, WF			Fees may apply for special projects.	09027	This course introduces learners to basic consumer skills regarding fabric, design, construction, and maintenance techniques. Instruction may include cost analysis, wardrobe planning, basic sewing and fiber terminology, equipment for hand and/or machine sewing, reading and using a pattern, and care and maintenance of fabrics and garments.
CTE	Family and Consumer Sciences	Food Trends	0.5	Semester			10, 11, 12	H, S, WF	Completion of a prior foods course			09137	This course is designed for all learners concerned about nutrition and fitness and will explore such topics as sports nutrition in relation to performance, decision making and personal goal setting and stress management in relation to personal needs. Meal planning, fast foods, restaurant dining, family practices, genetically altered foods, weight loss and gain and current nutrition guidelines may be components of this course. Learn to read and interpret labels in relation to their dietary needs. Personal wellness and a healthy lifestyle will be the basis for lab experiences.
CTE	Family and Consumer Sciences	Interior Decorating & Design	0.5	Semester			10, 11, 12	H, S, WF				09133	To explore the impacts housing has on families and the variety of ways in which individuals and families meet their needs for shelter. Content may include: the meaning of home; determining personal housing needs; selecting housing to meet needs; legal and financial aspects of housing; housing for individuals with special needs; the home as work site; personal expression through home decoration; household equipment selection, care, and use; maintaining safe environment; home repairs and improvements; energy and resource consumption and conservation; technology for home and family life; societal and environmental impacts of decisions; sources of support and assistance for individuals and families; current issues related to family housing; related careers; leadership development.
CTE	Family and Consumer Sciences	International Cuisine	0.5	Semester			10, 11, 12	H, S, WF	Completion of a prior foods course			09136	This course will explore cultures in various parts of the world in relation to ethnic foods, food supply, preparation methods and traditions. Current, historical and futurist issues related to food patterns and global society will be an integral component of the course which may include such topics as famine, contamination, religious rites and practices, celebrations and cultural cuisine. Labs will combine the familiar with the exotic to create foods of the world.
CTE	Family and Consumer Sciences	Intro to Teaching (DC)	0.5	Semester	*		11, 12	H, S, WF			Optional Dual Credit with VCSU - EDUC250	09041	Teaching Professional (CTE) courses introduce learners to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose learners to and train them in classroom management, learner behavior, leadership and human relations skills, assessment of learner progress, teaching strategies, and various career opportunities in the field of education.
CTE	Family and Consumer Sciences	Living on Your Own	0.5	Semester			11, 12	H, S, WF				09025	To prepare learners for responsibilities involved in becoming self-sufficient young adults preparing for life away from the parental home during or immediately following high school. Course content may include: living independently; supporting oneself; making financial decisions**; making choices about housing, nutrition and food, clothing, transportation, health and wellness; using time to achieve personal goals; finding balance in life; current issues that affect personal decisions; societal and environmental impacts of personal decisions; sources of support and assistance in the community; leadership development. This course may include concepts of personal finance such as checkbook mechanics, saving for larger purchases, credit, earning power, taxation and paycheck withholdings, college costs, making and living within a budget, mortgages, retirement savings, and investments.
CTE	Family and Consumer Sciences	Restaurant & Food Cooperative Work Experience (FACS)	0.5-4	Semester			10, 11, 12	H, S, WF	1 Foods credit		Approval Process	09299	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Family and Consumer Sciences	Teaching Field Experience (DC)	0.5	Semester	*		11, 12	H, S, WF	Intro to Teaching		Optional Dual Credit with VCSU - EDU251	09042	Educational Methodology (CTE) courses prepare learners to teach and guide others. These courses typically provide opportunities for learners to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Learners examine and practice teaching strategies, learning styles, time management and planning strategies, presentations and questioning skills, classroom management, and evaluation techniques.

CTE	Family and Consumer Sciences	Visual Arts Cooperative Work Experience (FACS)	0.5-4	Semester			10, 11, 12	H, S, WF	1 CTE credit		Approval Process	09299	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Family and Consumer Sciences	Educational Workplace Experience	0.5	Semester			10, 11, 12	H, S, WF			Approval Process	20086	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.
CTE	Graphic & Digital Communication	Graphics Design & Communications I	0.5	Semester			9, 10, 11, 12	H, S, WF				17190	Graphics Design & Communications I includes instruction in graphic theory, hot and cold typesetting, lithography, photo engraving, and other graphic arts related to the printing industry. Emphasis on applied academics, professional development, leadership, and organizational skills are integrated. Graphic Communications I is a prerequisite course to Graphic Communications II.
CTE	Graphic & Digital Communication	Graphics Design & Communications II	0.5	Semester			9, 10, 11, 12	H, S, WF	Graphics Design I			17191	Graphic Communications II provides advanced instruction in typographical layouts and designs, hand and machine typesetting, and camera and plate work. Emphasis on applied academics, professional development, leadership, and organizational skills are integrated. Graphic Communications.
CTE	Graphic & Digital Communication	Photography and Digital Media I	0.5	Semester			10, 11, 12	H, S, WF				17080	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.
CTE	Graphic & Digital Communication	Photography and Digital Media II	0.5	Semester			10, 11, 12	H, S, WF	Photography & Digital Media I			17080	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.
CTE	Graphic & Digital Communication	Video Production I-II	1	Year			9, 10, 11, 12	H, S, WF				17140	Video Production IV learners will participate on 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.
CTE	Graphic & Digital Communication	Video Production III-IV	1	Year			11, 12	H, S, WF	Video Production I-II			17999	Video Production III learners will participate on 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.
CTE	Graphic & Digital Communication	Video Broadcasting Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 CTE credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Health & Public Service	Fire Fighter I	2	Year	*		11, 12	CIC			NDSCS - FIRE101/101 L	07100	This course provides high school students with an introduction to the essential skills and knowledge needed for a career in firefighting. Students will learn fire safety, fire suppression techniques, search and rescue operations, hazardous materials awareness, and basic emergency response protocols. This hybrid course combines online learning modules and hands-on skills training. <i>Online course work covers key concepts, while skills days, held approximately once a month, provide students with practical, in person training.</i> This course is designed to prepare students for further certification in fire services and is ideal for those interested in pursuing a career in emergency response or firefighting. Students must be at least 16 years old to take this class.

CTE	Health & Public Service	Fire Fighter II (2027-2028)	2	Year	*		12	CIC	Fire Fighter I		NDSCS - FIRE 102/102L	07100	This course is designed for high school students who have completed Firefighter 1 and wish to build on their knowledge and skills in advanced firefighting techniques. Students will dive deeper into fire suppression, rescue operations, incident command, and hazardous materials response. This hybrid course combines online learning modules with hands-on skills days, held approximately once a month, where students will practice advanced firefighting techniques in real-world scenarios. Topics include advanced fire behavior, search and rescue strategies, ventilation, and fireground operations. This course prepares students for Firefighter 2 certification and is ideal for those seeking to further their education and training in emergency services and firefighting careers.
CTE	Health Science	Certified Nursing Assistant (DC)	0.5	Semester	*		11, 12	H, S, WF	Health Sciences I		Dual Credit Optional NDSCS - NURS 100, NURS 101L	07032	The Nursing Assistant Training program offers classroom instruction and clinical practice to those preparing for employment as a certified nursing assistant in a skilled nursing facility, acute care, or home health care. This program includes supervised practical training and clinical practice as required by the North Dakota Board of Nursing. A certificate is issued upon completion of the class. Learners also can take the state CNA board exam to acquire state certification.
CTE	Health Science	Emergency Medical Responder (DC)	0.5	Semester	*		11,12	H	Health Sciences I, Medical Terminology, Bio Med, or Anatomy		Dual Credit Optional NDSCS - EMS 100	07044	This is an entry-level Emergency Medical Responder (EMR) course which will prepare the student for employment or a volunteer position in a variety of pre-hospital settings. This course will prepare students to provide initial stabilizing care to the sick or injured prior to the arrival of a higher level of Emergency Medical Services (EMS) professionals.
CTE	Health Science	Emergency Medical Services (DC)	0.5	Semester	*		11, 12	H	Emergency Medical Responder		Dual Credit Optional NDSCS - EMS 100	07045	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.
CTE	Health Science	Emergency Medical Technician	1	Year	*		12	CIC	Emergency Medical Responder		Dual Credit Optional NDSCS - EMS 101	07046	The Advanced Emergency Medical Technician (AEMT) program prepares students to provide basic and limited advanced emergency medical care and transportation for patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary for patient care and transportation. Advanced Emergency Medical Technicians are part of the comprehensive EMS response under medical oversight. AEMT performs interventions with the basic and advanced equipment typically found in an ambulance. The AEMT is a link from the scene to the emergency health care system. Advanced skills taught in the course include IV placement and maintenance and introduction to cardiac monitoring.
CTE	Health Science	Health Science I	1	Year			10, 11, 12	H, S, WF				07033	The Health Science course is an introduction to subject matter pertaining to medically related careers. This introductory course is to help learners interested in the medical field determine if a medical career is appropriate for their interests and capabilities. This course will cover subject matter such as History of Medicine, Health Care Systems, Careers in Healthcare and Career Exploration, Personal Qualities and Employability Skills, CPR/First Aid training, Infection Control, Introduction to Anatomy and Physiology and Disease Processes, Safety in Healthcare, Legal and Ethical in Healthcare, Fundamentals of Nutrition, and Growth and Development of the Human Body.
CTE	Health Science	Health Science II	0.5	Semester			11, 12	H, S, WF	Health Science I			07035	The Health Science II course is available to learners who have taken Health Science I and wish to investigate their interest in the medical field further. This course will allow learners to study the subject matter covered in Health Science I further and in-depth. Learners will expand their skills and knowledge in specific areas of interest as well as have the opportunity for job shadowing experiences in areas of their interest. Emphasis on academics, professional development, leadership, and organizational skills are discussed and practiced throughout this course.
CTE	Health Science	Health Sciences Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Health Science or Biomedical credit		Approval Process	07999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.

CTE	Health Science	Medical Terminology (DC)	0.5	Semester	*		10, 11, 12	H, S, WF			Dual Credit Optional NDSCS - AH 171	07036	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. Dual credit information will be provided. Application fees may apply.)
CTE	Health Science	Pharmacy Technician Orientation	1	Semester	*		10, 11, 12	CIC	1 Health Science or Biomedical credit		Dual Credit Optional NDSCS - PRMT 101 & PRMT111	07075	Students will explore the unique role of the pharmacy technician in various health care settings such as community and hospital practices as well as some non-traditional roles over 8-9 weeks. In addition to practice sites, students will be introduced to the laws that govern pharmacy practice as well as the common abbreviations used in various practice settings. This course will focus on Pharmacy Law, state and federal as well as the important ethical concepts in healthcare. Topics will include FDA from 1938 to the present, CSA and the DEA, and ethical theories and applications including autonomy and confidentiality. Optional dual credit through NDSCS.
CTE	Health Science	Prevention/ Care of Athletic Injuries (DC)	0.5	Semester	*		10, 11, 12	H, S, WF			Dual Credit Optional NDSCS - HPER 207	07034	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. (Can be taken for dual credit with NDSCS. Dual credit information will be provided. Application fees may apply.)
CTE	Heavy Equipment Operation	Construction Equipment Exploration (Course 1)	0.5	Fall	*		10, 11, 12	CIC			Course 1 & 2 should be completed in the same semester.	37020	This course provides students with an introduction to the basic equipment used in the construction industry. Students learn about basic equipment operations and job responsibilities. This course prepares students to use concepts pertaining to safety, maintenance, mathematics, and communication that Operating Engineers may experience.
CTE	Heavy Equipment Operation	Construction Occupational Math (Course 2)	0.5	Fall	*		10, 11, 12	CIC			Course 1 & 2 should be completed in the same semester.	37020	In the construction industry, grading is the work of ensuring a level base, or a grade with a specific slope. Grade construction work is needed in almost any building project, from laying a building foundation, to landscaping, or even roadwork. In this course, you will be introduced to core equipment used in the staking process, as well as Personal Protective Equipment (PPE) used in the construction industry. Communication processes used in the construction industry for interpreting and setting grade are also an important part of this course. Finally, you will learn mathematical concepts related to the construction industry for grade staking.
CTE	Heavy Equipment Operation	Basic Construction Equipment Operations (Course 3)	0.5	Spring	*		10, 11, 12	CIC	Construction Equipment Exploration & Construction Math		Course 3 & 4 will be completed in the same semester.	17200	In the construction industry, the proper use of heavy equipment is necessary to ensure quality work and a safe work environment. In addition, being able to recognize and determine the use of specific heavy equipment, will create a more efficient work team. Heavy equipment is used in almost any construction project, from building a house to excavating a new road. In this course, you will be introduced to core equipment used by operating engineers, as well as their maintenance needs. Communication processes used by operating engineers, rigging and signaling practices, safety awareness and mathematical concepts related to the construction industry are also covered.
CTE	Heavy Equipment Operation	Basic Maintenance of Mobile Equipment (Course 4)	0.5	Spring	*		10, 11, 12	CIC	Basic Construction Equipment Operations		Course 3 & 4 will be completed in the same semester.	17200	This course focuses directly on maintenance of mobile equipment through a series of engaging tutorials. A major focus of the course is on maintenance and safety including such topics as LOTO. Other topics include tools and fasteners, preventative maintenance principles, engines, intake and exhaust, fuel systems, coolant systems, filters and filtration, lubrication systems, hydraulics, electrical systems, tires, and tracks and undercarriages.
CTE	Information Technology	AP Computer Science A	0.5	Semester		*	10, 11, 12	H, S, WF	Fundamentals of JAVA Programming		Dual Credit Optional - NDSCS CSCI 161	27520	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.

CTE	Information Technology	Cisco I	0.5	Semester 2	*		10, 11, 12	Online through NDSCS	Intro to Networking		NDSCS online or Travel to South HS	27266	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. (This course is offered through NDSCS. Dual credit information will be provided. Application fees may apply.)
CTE	Information Technology	Fundamentals of JAVA Programming (DC)	0.5	Semester	*		10, 11, 12	H, S, WF	Intro to Programming or Python		Dual Credit Optional NDSCS -CSCI 160	27125	The Fundamentals of JAVA Programming Language course provides a conceptual understanding of Object-Oriented programming. The course also teaches learners how to use JAVA's Conditional Control Structures, Loop Structures and Strings, Classes and Object-Oriented Development, Inheritance and Polymorphism, Arrays, GUIs, and Event-Driven Programming.
CTE	Information Technology	Intro to Networking	0.5	Semester 1			10, 11, 12	C3TEC – South HS			Travel to South HS	27265	This introduction to networking course introduces learners to the principles and practices of designing, building, and maintaining computer networks. Topics include networking administration and support, media and topologies, protocols and standards, network implementation, and network support. The course would prepare learners for CompTIA's Network + certification. (This course is offered at Fargo South High School. Learners are responsible for transportation.)
CTE	Information Technology	Introduction to Programming	0.5	Semester			9, 10, 11, 12	H, S, WF				27120	This course will provide learners with a solid foundation for understanding the fundamental concepts of programming languages. It will include coverage of concepts and constructs from languages like C#, JAVA™, JavaScript™, Perl, PHP, Python, Ruby, XHTML, XSLT, and JSP.
CTE	Information Technology	IT Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 IT credit		Approval Process	27999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Information Technology	IT Essentials I (DC)	0.5	Semester	*		10, 11, 12	S			Dual Credit Optional NDSCS - CIS 128 - Travel to Sheyenne	27219	An introductory course focusing on essential hardware and operating system competencies for an entry-level PC service technician. Learners will demonstrate basic knowledge of installing, configuring, upgrading, troubleshooting, and repairing microcomputers and operating systems. Work-based strategies appropriate for this course. Computer Hardware related careers are explored, and learners are provided with opportunities to increase their communication, teamwork, and critical thinking skills. Learners completing the full-year program will be prepared for computer industry certification, such as CompTIA's A+ certification exam or IC3 certification. (Possible curriculum: ExplorNet, HP/Cisco Sponsored IT Essentials Part 1, Aries, Computer Prep, Element K, etc.)
CTE	Information Technology	IT Essentials II (DC)	0.5	Semester	*		10, 11, 12	S	IT Essentials I (DC)		Dual Credit Optional NDSCS - CIS 129- Travel to Sheyenne	27220	This course introduces and extends the knowledge of operating systems, the benefits of networking, and types of networks. The concepts covered in this course include TCP/IP networking, IP addressing, name resolution, and protocols. The importance of a hardware and steps to install a network operating system. The course introduces the responsibilities of a network administrator, including managing users and groups, and creating directories, passwords, and permissions. It covers backup methods and strategies, partition and process management, monitoring server resources, and analyzing network performance. The course discusses troubleshooting the operating system, including identifying the type of problem, creating an emergency boot disk, and the process of disaster recovery. It addresses security issues and how to assess security needs and develop an acceptable-use policy to prevent inside and outside threats. This course will help prepare learners for CompTIA's Server+ certification exam.
CTE	Information Technology	Mobile App Development & Security	0.5	Semester			9, 10, 11, 12	H, S, WF				27128	This course will introduce learners to mobile application development and management using various commercial and open-source software. Topics to be included in the course are (1) Installation and modification of application; (2) Code modification; (3) Design and implementation; (4) Database systems management; (5) Security; and (6) Customer Service.
CTE	Information Technology	Programming with Python	0.5	Semester			9, 10, 11, 12	H, S, WF				27123	The course aims to familiarize the learner with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantics, and the runtime environment, as well as with general coding techniques and object-oriented programming.

CTE	Marketing	Management/ Entrepreneurship (DC)	1	Year	*		11, 12	H, S, WF	Marketing		Dual Credit Optional NDSCS - BUSN 170	04223	This course furthers learner understanding and skills in the various marketing functions leading to decisions in business management. Learners coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. The importance of human resource management, personnel, and policies in business are discussed. Current technology will be used to acquire information to complete projects. Learners are presented with problem-solving situations for which they apply academic and critical-thinking skills.
CTE	Marketing	Marketing	1	Year			10, 11, 12	H, S, WF			Dual Credit Optional NDSCS - BADM 201	04210	Marketing is a course that develops learner understanding and skills in business law, communication skills, customer relations, economics, emotional intelligence, financial analysis, human resource management, information management, marketing, operations, professional development, and strategic management. Learners acquire knowledge of fundamental business activities and factors affecting business, develop verbal and written communication skills, use information literacy skills, utilize job seeking strategies, and participate in career planning.
CTE	Marketing	Marketing Cooperative Work Experience	0.5	Semester			11, 12	H, S, WF	Marketing			04999	Cooperative work experience is practical, on-the-job training 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.
CTE	Marketing	Retail Store Management	1	Year			11, 12	H, S, WF	Marketing & enrolled in Management			04290	To prepare learners for employment. Provides a model store complete with modern business equipment. Retail operation and marketing activities integrated with classroom learning, including involvement in real work situations, various store responsibilities, and other relevant activities; participation in total store operations by learner rotation through the store departments of management, merchandising, sales promotion, and controlling.
CTE	Marketing	Sports and Entertainment Marketing	0.5	Semester			9, 10, 11, 12	H, S, WF				04239	To prepare learners for marketing occupations in the area of sports and entertainment. This course prepares learners interested in sports or entertainment marketing who wish to continue exploring marketing and business-related careers. The course will include an introduction to marketing and business concepts and foundations, including the business and marketing core concepts.
CTE	Technology Engineering/Project Lead the Way	Drafting & Architectural Engineering - PLTW	0.5 - 1	Semester or Year			11, 12	H, S, WF				10514	This course provides learners with opportunities to work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, learners use 3D design software to help them design solutions to solve major course projects. Learn about documenting their projects, solving problems, and communicating their solutions to their peers and members of the professional community of civil engineering and architecture. This is a PLTW course, and only instructors with this training may use this number and description.
CTE	Technology Engineering/Project Lead the Way	Energy in Motion Innovations	0.5	Semester			10, 11, 12	S, WF				10331	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 simulated coal mining experience.
CTE	Technology Engineering/Project Lead the Way	Intro to Engineering - PLTW	1	Year			9, 10, 11, 12	H, S, WF				10511	This course emphasizes the development of a design. Learners use 3-D computer software to produce, analyze and evaluate models of project solutions. They study the design concepts of form and function and then use state-of-the-art technology to translate conceptual designs into reproducible products. This is a PLTW course, and only instructors with this training may use this number and description.
CTE	Technology Engineering/Project Lead the Way	Principles of Engineering - PLTW	1	Year			10, 11, 12	H, S, WF				10513	This course allows learners to investigate engineering and high-tech careers and develop skills and understanding of course concepts. Learners employ engineering and scientific concepts to solve engineering design problems, develop problem-solving skills, and apply their knowledge of research and design to create solutions to various challenges. This is a PLTW course, and only instructors with this training may use this number and description.
CTE	Technology Engineering/Project Lead the Way	Robotics – VEX	0.5	Semester			9, 10, 11, 12	H, WF				10411	Robotics Engineering provides a comprehensive study of engineering concepts, including physics, programming, mechanical systems, electrical, and electronics systems. These core concepts are delivered with a robotics emphasis through relevant activities and projects.
CTE	Technology Engineering/Project Lead the Way	Engineering Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Engineering credit		Approval Process	10999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.

CTE	Trade and Industry	Aviation Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Aviation credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Trade and Industry	Aviation Technology I	1	Year			10, 11, 12	S			Travel to Sheyenne HS	17812	To provide learners with employment in the aviation field. The course covers flight, flight operations, aviation weather, performance, and navigation fundamentals. The course also explores careers in air traffic control, flight dispatching, and airport management. Units of instruction include safety of flight, airport layout, aeronautical charts, radar, radio procedures, airplane power plant, aerodynamics, weather patterns, and hazards. Emphasis on applied academics in math and science is integrated throughout the curriculum and decision-making principles as it applies to flight related factors.
CTE	Trade and Industry	Aviation Technology II	1	Year			11, 12	S	Aviation I		Travel to Sheyenne HS	17813	Learners will be prepared to pass the Federal Aviation Administration, FAA, private pilot verbal exam. The course will cover advanced flight topics as well as topics covered in Aviation I to an advanced level. Learners will also work in teams to build a full-scale aircraft.
CTE	Trade and Industry	Building Trades Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Building Trades credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Trade and Industry	Building Trades Technology I (Double Block)	2	Year			11, 12	CIC, WF	Construction Tech or Foundations of Building Trades		Travel to WFHS or CIC	17100	Building Trades I provide an orientation to the building trades that meets industry standards. The course is standards-based, beginning with Core Curriculum, which includes Basic Safety, construction math, Introduction to Hand and Power Tools, Introduction to Construction Drawings, Basic Rigging, Communication, and Employability Skills. Fundamentals of building are introduced, including floor, wall, roof systems, and structure enclosure. Building Trades, I is a prerequisite to Building Trades II.
CTE	Trade and Industry	Building Trades Technology II (Double Block)	2	Year			12	CIC, WF	Building Trades I		Travel to WFHS or CIC	17117	Building Trades II continues with the fundamentals of building with advanced training in floor, wall, and roof systems. Advanced enclosure techniques will be included. Enhanced safety protocol will be included with an emphasis on safety practices. Building Trades II will continue fundamentals learned in Building Trades I but will also include Introduction to Residential Plumbing, Electrical, HVAC, Masonry, Exterior, and Interior Finishing. Learners who complete course modules and meet all safety standards will be eligible to receive nationally recognized industry credentials.
CTE	Trade and Industry	Building Trades Cooperative Work Experience	150 work hours	Year			11, 12	CIC, WF	Building Trades I		Approval Process	17999	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.
CTE	Trade and Industry	Construction Technology	0.5	Semester			9, 10, 11, 12	H, S, WF				10111 or 17105	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.
CTE	Trade and Industry	Diesel Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Diesel credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Trade and Industry	Diesel Technology I	1	Year			10, 11, 12	S			Travel to Sheyenne HS	17040	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 learn the basics of safety, equipment identification, and hand and power tools in a lab setting. Learn about careers within the diesel and heavy equipment repair industry. Industry partners will enhance lessons. 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. NATEF standards and guidelines are followed. This course is a prerequisite to Diesel Technology II.

CTE	Trade and Industry	Diesel Technology II (Double Block)	2	Year			11, 12	S	Diesel I		Travel to Sheyenne HS	17041	This course will serve as a continuation of Diesel I. Learners will be exposed to diesel careers and college options in construction, agriculture, aviation, and trucking. Learners must demonstrate sound safety practices, shop organization, and equipment management. Learners will learn advanced diesel concepts in fuel systems, steering and suspension, tire and wheel diagnostics, service and repair of electrical and electronic controls and systems, engines, drive trains, hydraulics, and air brake systems. Training and practice of Preventive Maintenance Inspection (PMI) are accomplished. Lessons will be enhanced by industry collaboration, job shadows, and internship experiences. Technology, mathematics, reading, writing, vocabulary, blueprint reading, and science are integrated throughout the curriculum. NATEF standards and guidelines are followed.
CTE	Trade and Industry	Foundations of Building Trades	.5-1	Semester			10, 11, 12	CIC			Travel to CIC	17105	Foundations of Building Trades will expose students 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. Students learn about the processes involved in construction projects and may engage in various small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.
CTE	Trade and Industry	Graphics Design Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Graphics credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Trade and Industry	Manufacturing	1	Year			10, 11, 12	C3TEC South HS			Travel to South HS	17113	Learn about the manufacturing industry's concepts and career opportunities. Craft course offerings will include metal welding, machining, blueprint reading, fabrication, robotics, assembly, industry terminology, safety, tools, milling, electrical principles, and measurement. The course of study will also incorporate leadership skills, professional development, and organizational skills.
CTE	Trade and Industry	Manufacturing Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Metals or Manufacturing credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Trade and Industry	Metals I	0.5	Semester			10, 11, 12	WF			Travel to WFHS	17236	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.
CTE	Trade and Industry	Metals II	0.5	Semester			10, 11, 12	WF	Metals I		Travel to WFHS	17237	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.
CTE	Trade and Industry	Power Sport Cooperative Work Experience	0.5-4	Semester			10, 11, 12	H, S, WF	1 Power Sport credit		Approval Process	17999	Provides learners with a regularly scheduled, supervised employment opportunity related to their CTE coordinated plan of study. Must be preceded by 1 credit of previous classroom instruction. A training agreement is created among all partners regarding work experience. Career Ready Practices are utilized for assessment. Learners must be 16 years of age.
CTE	Trade and Industry	Power Sports I	2	Year	*		11,12	WF			Travel to WFHS	17310	Power Sports I includes the maintenance repair of various small engines such as lawnmowers, outboard motors, chain saws, and rototillers. The course includes a theory and practical application lab. This course is a prerequisite to Power Sports II.
CTE	Trade and Industry	Power Sports II	2	Year	*		12	WF	Power Sports I		Travel to WFHS	17311	Power Sports II provides advanced instruction in the maintenance repair of various small engines. The course includes principles of the internal engine, reading technical manuals, and customer service.
CTE	Trade and Industry	Unmanned Aerial Vehicle (DC)	0.5	Semester	*		10, 11, 12	S	Aviation I		Optional Dual Credit - NDSCS UAS 111 and UAS 112 - Travel Sheyenne	17814	The Unmanned Aircraft Systems course will teach learners a basic understanding of recreational and commercial unmanned aircraft operations by preparing them for the FAA Part 107 Certification exam. They will identify the responsibility and authority of the remote PIC, discuss rules of UAS operation, and understand the significance of airspace Classes B, C, D, E, and G as they pertain to UAS. Identify special-use airspace where UAS usage may be prohibited. Understand weather and how it affects the flight of UAS. Understand general loading and performance data and airport operations. When learners complete this course, they will have a general understanding and knowledge of the operation and uses of UAS as they pertain to the world of Aviation.

CTE	Trade and Industry	Welding I	1	Semester	*		10, 11, 12	NDCS-F			Travel - NDCS Fargo 19th - MGFT 110	17236	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.
CTE	Trade and Industry	Welding II	1	Semester	*		10, 11, 12	NDCS-F	Welding I		Travel - NDCS Fargo 19th - MGFT 123	17237	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.
CTE	Trade and Industry	Woods I	0.5	Semester			10, 11, 12	H, S, WF			Some fees may apply.	10111 or 17104	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.
CTE	Trade and Industry	Woods II	0.5	Semester			10, 11, 12	H, S, WF	Woods I		Some fees may apply.	10093 or 17104	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.
EL	English Learners (EL)	English Learner Social Skills (Accessing the Community)	0.5	Semester			9, 10, 11, 12	WF				20065	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.
EL	English Learners (EL)	English Learner Speech	0.5	Semester			10, 11, 12	WF				05091	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.
EL	English Learners (EL)	Language Arts I	1	Year			9, 10, 11, 12	S, WF	Placement			05012	Language Arts I is designed for students learning English as a new language at a proficiency level 1 / 2 and who are reading much below grade level in the English language. It is designed to build up foundational language arts skills in communication, reading, writing, and inquiry & research. Students will engage in writing through different genres including narrative, informational, and argumentative. They will participate in reading/analyzing both informational and literary texts. Students will develop communication skills through discussion, writing, and informal/formal presentations. The skills learned in this course will prepare student for success in future English courses. Students earn English credit for this course.
EL	English Learners (EL)	Language Arts II	1	Year			9, 10, 11, 12	S, WF	Placement			05012	Language Arts II is designed for students learning English as a new language at proficiency level 2 and who are reading much below grade level in the English language. It is designed to build up foundational language arts skills in communication, reading, writing, and inquiry & research. Students will engage in writing through different genres including narrative, informational, and argumentative. They will participate in reading/analyzing both informational and literary texts. Students will develop communication skills through discussion, writing, and informal/formal presentations. The skills learned in this course will prepare student for success in future English courses. Students earn English credit for this course.

EL	English Learners (EL)	Language Arts III	1	Year			9, 10, 11, 12	S, WF	Placement			05012	Language Arts III is designed for students learning English as a new language at proficiency level 2 / 3 and who are reading below grade level in the English language. It is designed to build up foundational language arts skills in communication, reading, writing, and inquiry & research. Students will engage in writing through different genres including narrative, informational, and argumentative. They will participate in reading/analyzing both informational and literary texts. Students will develop communication skills through discussion, writing, and informal/formal presentations. The skills learned in this course will prepare student for success in future English courses. Students earn English credit for this course.	
EL	English Learners (EL)	Language Arts IV	1	Year			9, 10, 11, 12	S, WF	Placement			05071	Language Arts IV offers a balanced focus on writing and reading a variety of informational and literary texts for students learning English as a new language at proficiency level 3 / 4. Learners engage with different genres, structures, craft, and context. This course will develop critical thinking, effective writing, and application of research skills. Different forms of communication will be practiced in this course including discussion, written responses, and informal/formal presentations. Students earn English credit for this course.	
EL	English Learners (EL)	Language Development I-IV	1	Year			9, 10, 11, 12	S, WF	Placement			05011	Language Development I-IV courses are designed for learners who are acquiring English as a new language and meet the requirements for graduation as an Elective Credit. The courses follow ND English Language Arts Standards and WIDA ELD Standards. These courses are taken in conjunction with Language Arts courses at the appropriate level. These courses have an emphasis on reading a variety of informational and literary texts, grammar, word study skills, and English language development in the areas of reading, writing, speaking, and listening.	
EL	English Learners (EL)	Newcomer Business	1	Semester			9, 10, 11, 12	WF				20065	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.	
EL	English Learners (EL)	Newcomer English	1	Year			9, 10, 11, 12	WF				5012	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.	
EL	English Learners (EL)	Newcomer Reading	1	Year			9, 10, 11, 12	WF				5011	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.	
EL	English Learners (EL)	Newcomer Resources	1	Semester			9, 10, 11, 12	WF				24010	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.	
ELA	English Language Arts	AP English Language & Composition	1	Year		*	11, 12	H, S, WF				Fees may be required for testing.	05580	AP English Language & Composition is an introductory, college-level course where learners 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. This course is designed to offer a college-preparatory experience and will prepare learners to take the AP English Language & Composition College Board Exam.
ELA	English Language Arts	AP English Literature & Composition	1	Year		*	11, 12	H, S, WF				Fees may be required for testing.	05581	AP English Literature & Composition 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 course is designed to offer a college-preparatory experience and will prepare learners to take the AP English Literature & Composition College Board Exam.
ELA	English Language Arts	Composition I (DC)	0.5	Semester		*	12	H, S, WF	Accuplacer or ACT, 2.0 minimum cumulative GPA.		*	Dual Credit Optional NDSCS - ENGL 110	05040	Composition I focuses on learners' writing skills and develops their ability to compose different types of papers for various purposes and audiences. This course enables learners to explore and practice descriptive, narrative, persuasive, and/or expository styles. Composition focuses on nonfiction, scholarly, or formal writing. Dual credit information will be provided.
ELA	English Language Arts	Composition II (DC)	0.5	Semester		*	12	H, S, WF	Composition I			Dual Credit Optional NDSCS - ENGL 120	05041	Composition II reinforces the logic, critical-thinking, and collaboration skills that accompany good writing; this course, which reviews word choice, usage, and mechanics, provides continued and advanced instruction in writing for a variety of purposes and audiences while incorporating research and/or support. This course prepares learners for post-secondary writing purposes. Dual credit information will be provided.

ELA	English Language Arts	Creative Writing (DC)	0.5	Semester	*		10, 11, 12	S			Dual Credit Optional NDSCS - ENGL 211	05042	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 will 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. Dual credit information will be provided.
ELA	English Language Arts	Creative Writing	0.5	Semester			10, 11, 12	H, S, WF				05042	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 will study exemplary representations and authors to obtain a fuller appreciation of the form and craft.
ELA	English Language Arts	Debate and Argumentation	0.5	Semester			10, 11, 12	H, S, WF		*		05094	Debate involves studying and applying the techniques for investigating two sides of contemporary problems. It addresses the formulation of propositions; analyzing and determining issues; gathering supporting material; constructing cases; developing logical reasoning and critical thinking; techniques of rebuttal and refutation; and extemporaneous delivery skills.
ELA	English Language Arts	English Alternate Core I-IV	1	Year			9, 10, 11, 12	H, S, WF				05011	English Alternate Core allows learners to focus on reading and writing skills. Assistance is targeted to learners' particular weaknesses and is designed to bring learners' reading comprehension and writing skills up to the desired level or to develop strategies to read and write more efficiently. Based on data, the learner will be placed in I-IV. This course can be used as core English credits for up to 4 credits.
ELA	English Language Arts	English I	1	Year			9	H, S, WF		*		05071	English I offers a balanced focus on composing and reading a variety of informational and literary texts. Learners will engage with various aspects of genre structure, craft, and context. Learners will develop critical thinking, effective writing, and application of research skills through inquiry and analysis. Various forms of communication will be embedded into the course, including discussion and written responses.
ELA	English Language Arts	English II	1	Year			10	H, S, WF	English I	*		05072	English II offers a balanced focus on composing and reading a variety of informational and literary texts. Learners will engage with various aspects of genre structure, craft, and context. Learners will further advance critical thinking, effective writing, and application of research skills through inquiry and analysis. Various forms of communication will be embedded into the course, including discussion and written responses.
ELA	English Language Arts	English III	1	Year			11	H, S, WF	English II	*		05073	English III offers a balanced focus on composing and reading a variety of informational and literary texts. Learners will write for a variety of audiences and purposes, including writings that aim to prepare a learner to graduate Choice Ready. Learners will engage with various aspects of genre structure, craft, and context. Learners will strengthen critical thinking, effective writing, and application of research skills through inquiry and analysis. Various forms of communication will be embedded into the course, including discussion and written responses.
ELA	English Language Arts	Fundamentals of Public Speaking (DC)	0.5	Semester	*		10, 11, 12	H, S, WF		*	Dual Credit Optional NDSCS - COMM 110	05091	Fundamentals of Public Speaking 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.
ELA	English Language Arts	Honors Freshman English	1	Year		*	9	H, S, WF		*		05071	Honors Freshman English 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 nonfiction 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.)
ELA	English Language Arts	Honors Sophomore English	1	Year		*	10	H, S, WF	English I or Honors Freshmen English	*		05072	Honor Sophomore English 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.)
ELA	English Language Arts	Journalism and News Media I	1	Year			9, 10, 11, 12	H, S, WF				05081	Journalism and News Media I-II learners will practice the fundamentals of print and digital media.
ELA	English Language Arts	Journalism and News Media III	1	Year			11, 12	H, S, WF	Journalism II			05082	Journalism and News Media III 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.

ELA	English Language Arts	Journalism and News Media IV	1	Year			12	H, S, WF	Journalism III			05082	Journalism and News Media IV 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 professional-level desktop publishing and graphics and photo manipulation software.
ELA	English Language Arts	Yearbook I	1	Year			9, 10, 11, 12	H, S, WF				05081	Photojournalism and Graphic Design I-II 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 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.
ELA	English Language Arts	Yearbook II	1	Year			10, 11, 12	H, S, WF	Yearbook I			05082	Photojournalism and Graphic Design I-II 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 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.
ELA	English Language Arts	Yearbook III	1	Year			11, 12	H, S, WF	Yearbook II			05082	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.
ELA	English Language Arts	Yearbook IV	1	Year			12	S, WF	Yearbook III			05082	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.
ELA	English Language Arts	Senior Composition	0.5	Semester			12	H, S, WF	English III	*		05040	Senior Composition focuses on learners' writing skills and develops their ability to compose different types of writing for various purposes and audiences. This course enables learners to explore and practice college and career readiness writing, various types of communication, goal setting and reflection, and exposes learners to modern literacy, including media literacy. Senior Composition focuses on real-world writing and choice ready writing experiences.
ELA	English Language Arts	Senior Literature (DC)	0.5	Semester	*		12	H	English III		Fees may be required for testing. Optional Dual Credit - NDSCS ENGL 220	05077	Advanced Literature offers an in-depth focus on composing and reading a variety of informational and literary texts. Learners will write for a variety of audiences and purposes, including writings that prepare learners for collegiate study. Learners will engage with various aspects of genre structure, craft, and context. Learners will continue to strengthen and refine critical thinking, effective writing, and application of research skills through inquiry and analysis. Various forms of communication will be embedded into the course, including discussion and written responses. Dual credit information will be provided.
ELA	English Language Arts	Senior Literature	0.5	Semester			12	H, S, WF	English III	*		05077	Senior Literature offers an in-depth focus on composing and reading a variety of informational and literary texts. Learners will write for a variety of audiences and purposes, including writings that prepare learners for collegiate study. Learners will engage with various aspects of genre structure, craft, and context. Learners will continue to strengthen and refine critical thinking, effective writing, and application of research skills through inquiry and analysis. Various forms of communication will be embedded into the course, including discussion and written responses.
ELA	English Language Arts	AP Seminar	0.5	Year		*	10, 11, 12	H, S, WF			Fees may be required for testing.	20078	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. This course is considered a general elective.
ELA	English Language Arts	Journalism and News Media II	1	Year			10, 11, 12	H, S, WF	Journalism I			05082	Journalism and News Media I-II learners will practice the fundamentals of print and digital media.

ELA	English Language Arts	Yearbook II	1	Year			10, 11, 12	H, S, WF	Yearbook I			05082	Photojournalism and Graphic Design I-II 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 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.
ELE	General Elective	AP Research	0.5	Year		*	11, 12	H, S, WF	AP Seminar		Fees may be required for testing.	20077	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. 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. This course is considered a general elective.
ELE	General Electives	Peer to Peer 1	0.5	Semester			10, 11, 12	H, S, WF			-	19010	A study of the characteristics of the exceptional learner. Current delivery models, educational adaptations, and best practices for the regular classroom teacher of a mainstreamed learner are stressed.
ELE	General Electives	Educating Exceptional Children (DC) - Peer to Peer 2	0.5	Semester		*	10, 11, 12	H, S, WF	Peer to Peer I		Optional Dual Credit – VCSU EDUC 240	19020	Learners participate in a 40-hour special education teaching field experience related to a disability category of their choice alongside an expert mentor teacher. The learner will reflect and respond to feedback to improve understanding of methods of instruction, differentiation for learners with disabilities, and how to manage the learning environment. (Optional Dual Credit through VCSU – 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.
Fine Arts	Music	Concert Band	1	Year			9	H, S, WF	previous band experience		*	12051	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.
Fine Arts	Music	Concert Choir	1	Year			11, 12	H, S, WF	*		*	12040	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.).
Fine Arts	Music	Concert Orchestra	1	Year			9, 10, 11, 12	H, S, WF			*	12052	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 NDHSA Solo and Ensemble Festival.
Fine Arts	Music	Foundations of Guitar	0.5	Semester			9, 10, 11, 12	S, WF	Placement Only			12058	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.
Fine Arts	Music	Guitar Ensemble	0.5	Semester			9, 10, 11, 12	H, S, WF	Guitar I			12058	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.
Fine Arts	Music	Guitar I	0.5	Semester			9, 10, 11, 12	H, S, WF				12058	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!
Fine Arts	Music	History of Rock & Roll (DC)	0.5	Semester		*		S			Optional Dual Credit - VCSU MUSC 207	12020	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.

Fine Arts	Music	Jazz Band	1	Year		10, 11, 12	S	Music ensemble or previous instrumental experience, audition			12051	Jazz Band is offered for music students with experience in music ensemble classes (Band and Orchestra preferred) by audition. The purpose of this course is developing group performance skills of popular music styles (swing, rock, funk, latin, pop, etc.) and learning and developing individual improvisation skills. This performance ensemble is a chamber music setting where each student is usually performing on their own unique part. There will be required performances outside of school, a planned performance at a Jazz Festival, and opportunities for smaller jazz combo performances upon request by the community or students that wish to explore jazz combo literature.
Fine Arts	Music	Music Harmony	0.5	Semester		11, 12	H, S, WF				12030	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.
Fine Arts	Music	Packer Singers/Mustang Singers/Hawk Singers	1	Year		9, 10, 11, 12	H, S, WF				12040	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.).
Fine Arts	Music	Philharmonia Orchestra	1	Year		10, 11, 12	H, S, WF	Audition & Placement by Director			12052	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.
Fine Arts	Music	Sinfonia Orchestra	1	Year		10, 11, 12	H, S, WF	Audition & Placement by Director			12052	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.
Fine Arts	Music	Symphonic Band	1	Year		10, 11, 12	H, S, WF	Audition & Placement by Director			12052	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.
Fine Arts	Music	Treble Choir	1	Year		10, 11, 12	H, S, WF	Audition & Placement by Director			12040	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.).
Fine Arts	Music	Wind Ensemble	1	Year		10, 11, 12	H, S, WF	Audition & Placement by Director			12051	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.
Fine Arts	Performing Arts	Advanced Theatre Arts	0.5	Semester		10, 11, 12	H, S, WF	Theatre Arts		*	05063	Advanced Theatre Arts is a more detailed study of theatre productions, including movement, characterization, makeup, costuming, theatre history, set design, lighting, and the directing and analysis of scenes and plays. It may include the production of a full-length play.
Fine Arts	Performing Arts	Theatre Arts	0.5	Semester		9, 10, 11, 12	H, S, WF			*	05061	Theatre Arts is the awareness and application of the various skills and aspects of theatre productions, including movement, characterization, makeup, costuming, theatre history, set design, lighting, and the directing and analysis of scenes and plays.
Fine Arts	Visual Arts	Independent Art	0.5	Semester		11, 12	H, S, WF		Instructor recommendation only		02050	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.
GE	Advisory	High School 101	0.25	Year		9	H, S, WF				20065	This course is designed to address the challenges that learners experience in high school so they can succeed in the classroom as well as the workplace. Course topics may include communication skills; personal assessment and awareness activities; test taking/study skills; time management; choices and consequences; technology, business, and financial literacy. Additional topics can include exercises designed to generate organized, logical thinking and writing to help with job preparation, readiness, application, or interview skills.
GE	Advisory	Choice Ready	0.25	Year		10	H, S, WF				20060	Choice Ready planning helps learners identify and evaluate personal goals, aptitudes, interests, leadership activities, high school courses, dual credit options, work experiences, etc. to make informed career decisions toward their four-year rolling plan and goals for their future. This experience may lead to further exploration through career fairs, industry tours, informational interviews, job shadows, career mentoring, and work simulations.

GE	Advisory	Cybersecurity	0.25	Year			11	H, S, WF			20074	Prepares learners for collaborative experiences to ensure students acquire essential computing skills and responsible digital citizenship. This supports Choice Ready Essential Skills and prepares learners for real-world work.
GE	Advisory	Senior Capstone	0.25	Year			12	H, S, WF			20066	This experience is a multifaceted experience to strengthen learners' personal skills in goal-setting, self-reflection, and student agency as they apply critical thinking, research, self-reflection, exploration, and future planning for after high school. Reflection to align with profile of a graduate dispositions. Learners may demonstrate skills through a culminating project, work experiences, or presentation to an authentic audience. This experience contributes to Choice Ready Essential Skills.
GE	Driver's Education	Driver's Education	0.5	Semester			9, 10, 11, 12	H, S, WF			21012	The classroom program of driver's education includes at least 30 hours of classroom instruction. This course teaches learners to become safe drivers on America's roadways. Topics in these courses include legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs).
HPE	Physical Education & Health	Advanced Health (DC)	0.5	Semester	*		11, 12	H, S, WF		Optional Dual Credit - NDSCS HPER 217	08010	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.
HPE	Physical Education & Health	Advanced Strength (DC)	0.5	Semester	*		10, 11, 12	H, S, WF	Intro to PE	Optional Dual Credit - NDSCS HPER 101	08040	Weight Training helps learners develop knowledge and skills with a variety of strength training activities while emphasizing safety, form, and technique. Other components such as agility, speed and conditioning may be included.
HPE	Physical Education & Health	Competitive Physical Education	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE		08030	Competitive Physical Education provides learners with knowledge, experience, and opportunity to develop skills while being competitive in more than one of the following activities: individual/dual, lifetime activities, and fitness or conditioning activities.
HPE	Physical Education & Health	Dance Fitness	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE		08035	Dance Fitness (Phy Ed) provides learners with the opportunity to develop skills and techniques needed to choreograph and perform high intensity dance routines.
HPE	Physical Education & Health	Fitness Triathlon (DC)	0.5	Semester	*		10, 11, 12	H, S, WF	Intro to PE	Optional Dual Credit - NDSCS HPER 101	08044	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.
HPE	Physical Education & Health	Functional Fitness and Conditioning	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE		08044	Functional Fitness Conditioning provides learners with an understanding of workouts and conditioning principles through activities that develop muscular strength, flexibility, and cardiovascular fitness.
HPE	Physical Education & Health	General Physical Education	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE		08030	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.
HPE	Physical Education & Health	Health	0.5	Semester			9	H, S, WF			08010	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.
HPE	Physical Education & Health	Individual and Dual Physical Education	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE or Genral PE		08036	Individual and Dual Physical Education provides learners with the knowledge, experience, and opportunity to develop skills in more than one individual or dual activities.
HPE	Physical Education & Health	Intro to Physical Education	0.5	Semester			9	H, S, WF			08030	This required physical education course introduces learners to the basic concepts of strength training, cardiovascular endurance, and lifelong activities.
HPE	Physical Education & Health	Social Dance	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE		08034	Social Dance (Phy Ed) provides learners with experience in a variety of dance styles (i.e. social, line, folk, dance fitness). This course focuses on the development of fitness concepts as they relate to dance.
HPE	Physical Education & Health	Unified Physical Education	0.5	Semester			10, 11, 12	H, S, WF	Intro to PE		08030	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.
JROTC	AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC)	AFJROTC (Exploring Space)	1	Year			9, 10, 11, 12	Fargo South HS		Travel to South HS	15044	Introduction to Junior Reserve Officer Training Corps (ROTC) courses introduce learners to the purposes and objectives of the Reserve Officer Training Corps program, which seeks to educate high school learners in citizenship, promote community service, and instill responsibility. As part of that introduction, course topics typically include a brief history of the military branches in the United States and the basics of military drills, ceremonies, and rank structure.

Math	Mathematics	Math Support	1	Year			9, 10, 11, 12	WF			This is an intervention course.	11029	Mathematics Intervention is designed to assist struggling and/or failing learners in a mathematics course. This course should be provided in conjunction with the regular mathematics course to pre-teach, re-teach, or provide enrichment to the learner to prevent the need to modify the school's existing mathematics curriculum. This course should be a structured class period that will build upon the existing mathematics skills needed for learners to achieve the opportunity for success in their current and/or future mathematics courses.
Math	Mathematics	Algebra I	1	Year			9, 10, 11, 12	H, S, WF		*		11031	Learners will continue to develop a foundational understanding of the number system, operations and computational fluency. They will look for, generate, and make sense of patterns, relationships, and algebraic symbols to represent mathematical models. Individuals will further their understanding of functions. They will collect, organize, display, and analyze relevant data.
Math	Mathematics	Algebra I BlockAB	2	Year			9, 10, 11, 12	H, S		*	This is an intervention course.	11031	Algebra I Block is continuing to develop a foundational understanding of the number system, operations and computational fluency. They will look for, generate, and make sense of patterns, relationships, and algebraic symbols to represent mathematical models. Individuals will further their understanding of functions. They will collect, organize, display, and analyze relevant data
Math	Mathematics	Algebra II	1	Year			10, 11, 12	H, S, WF	Algebra I	*		11032	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.
Math	Mathematics	Algebra II BlockAB	2	Year			10, 11, 12	H, S	Algebra I	*	This is an intervention course.	11032	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.
Math	Mathematics	Algebra Readiness	1	Year			9, 10, 11, 12	H, S, WF	Placement		This is an intervention course.	11010	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.
Math	Mathematics	AP Calculus AB	1	Year		*	11, 12	H, S, WF	Trigonometry	*	Fees may be required for testing.	11581	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.
Math	Mathematics	AP Calculus BC	1	Year		*	11, 12	H, S, WF	Trigonometry	*	Fees may be required for testing.	11582	AP Calculus BC provides learners with an intuitive understanding of the concepts of calculus and experience with its methods and applications, and also requires 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.
Math	Mathematics	Calculus	0.5	Semester			11, 12	H, S, WF	Trigonometry	*		11061	Calculus encompasses limits, continuity, derivatives, differentiation, integration (both definite and indefinite), and applications of calculus. A prerequisite for this course is a foundation in trigonometry, elementary functions, analytic geometry, and algebra.
Math	Mathematics	College Algebra (DC)	0.5	Semester	*		11, 12	H, S, WF	Algebra II	*	Optional Dual Credit - NDSCS MATH 103	11034	College Algebra involves examining and graphing polynomial, logarithmic, exponential, and rational functions. It also covers sequences and series, limits and continuity, the polar coordinate system, equations and graphs of conic sections, and transformations of functions. Matrices are explored in terms of operations, inverses, and solving systems. To be eligible for Dual credit, learners need to pass the Accuplacer or 21 on the ACT Math.
Math	Mathematics	Consumer Math	1	Year			11, 12	H, S, WF				11145	Consumer Math reinforces mathematical understanding and applies these skills to develop personal and business financial literacy.
Math	Mathematics	Geometry	1	Year			9, 10, 11, 12	H, S, WF	Algebra I	*		11120	Geometry, with a focus on an abstract and formal approach to its study, covers the properties of planes and solid figures. It involves both inductive and deductive reasoning methods, incorporating logic. Geometry is treated as an axiomatic system, encompassing the examination of postulates, theorems, and formal proofs. The curriculum includes the concepts of congruence, similarity, parallelism, perpendicularity, and proportion, along with the study of transformations and rules for angle measurement in triangles.
Math	Mathematics	Geometry BlockAB	2	Year			9, 10, 11, 12	H, S	Algebra I	*	This is an intervention course.	11120	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.

Math	Mathematics	Pre-algebra	1	Year			9, 10, 11, 12	H, S, WF	Placement		This is an intervention course.	11030	Learners will develop their knowledge of the number system and computational fluency. Individuals will develop foundational knowledge of functions. Learners will use visualization and spatial reasoning to solve problems involving volume of geometric figures, to investigate the characteristics of figures, perform transformations, and construct logical arguments. Individuals will ask and answer questions by collecting, organizing and displaying relevant data, drawing inferences and conclusions, and making predictions.
Math	Mathematics	Pre-Calculus (DC)	0.5	Semester	*		10, 11, 12	H, S	Algebra II	*	Optional Dual Credit-NDSCS MATH 107	11181	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.
Math	Mathematics	Statistics (DC)	0.5	Semester	*		11, 12	H, S, WF	Algebra II	*	Optional Dual Credit - NDSCS MATH 210	11150	Statistics covers the fundamentals of gathering, presenting, and analyzing data using statistical methods. The course explores topics such as probability and probability distributions, confidence intervals, hypothesis testing, linear regression, and correlation. It also involves the examination of likely events and quantitative data analysis, interpretation, and presentation. Key components include basic probability and statistics, discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and the presentation of data through graphs. The curriculum encompasses concepts like the normal distribution and measures of variability. To be eligible for Dual credit, learners need to pass the Accuplacer or 21 on the ACT Math.
Math	Mathematics	Trigonometry	0.5	Semester			11, 12	H, S, WF	Algebra II	*		11160	Trigonometry encompasses angle measurement, trigonometric and inverse trigonometric functions, trigonometric identities and equations, as well as parametric and polar coordinates with general applications. The course also delves into the study of circular functions, their inverses and graphs, relationships among parts of a triangle, solutions of both right and oblique triangles, and the incorporation of complex numbers.
Math	Mathematics	Workforce Ready Math	1	Year			10, 11, 12	H, S, WF	Algebra I & Geometry			11191	Workforce Ready Math emphasizes hands-on skills that are directly relevant to various careers, helping learners build mathematical confidence and expertise they can use on the job. This course brings algebra, geometry, and statistics to life by focusing on practical, real-world applications.
Science	Science	Anatomy/Physiology I	1	Year			11, 12	H, S, WF	Biology	*		13021	Anatomy/Physiology presents an in-depth study of the human body and biological system. Learners study anatomical terminology, cells, and tissues and typically explore functional systems, such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.
Science	Science	AP Chemistry	1	Year		*	11, 12	H, S, WF	Chemistry and Algebra II or teacher approval		Fees may be required for testing.	13581	AP Chemistry is an introductory college-level chemistry course. Learners cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the following topics: atomic structure and properties; molecular and ionic compound structure and properties; intermolecular forces and properties; chemical reactions; kinetics; thermodynamics; equilibrium; acids and bases; and applications of thermodynamics.
Science	Science	AP Environmental Science	1	Year		*	11, 12	WF	Biology		Fees may be required for testing.	13582	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.
Science	Science	AP Physics (AP Physics 2)	1	Year		*	11, 12	H, S, WF	AP Physics 1 and completion of Algebra 2		Fees may be required for testing.	13587	AP Physics 2 is an algebra-based, introductory college-level physics course. Learners cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Learners build their understanding of physical models as they explore and solve problems in these topics: thermodynamics; electric force; field, and potential; electric circuits; magnetism and electromagnetism; geometric optics; waves, sound, and physical optics; modern physics.
Science	Science	AP Physics C - Electricity and Magnetism	1	Year		*	11, 12	WF	B in Biology, B in geometry, Enrolled in at least Algebra 2, OR by teacher approval.		Travel to WFHS	13584	AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like change, force interactions, fields, and conservation.
Science	Science	AP Physics C - Mechanics	1	Year		*	11, 12	WF	B in Biology, B in geometry, Enrolled in at least Algebra 2, OR by teacher approval.		Travel to WFHS	13585	AP Physics C: Mechanics is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like change, force interactions, fields, and conservation.

Science	Science	AP Physics (AP Physics 1)	1	Year		*	10, 11, 12	H, S, WF	Completion of/or concurrent enrollment in Algebra II		Fees may be required for testing.	13586	AP Physics 1 is an algebra-based, introductory college-level physics course. Learners cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Learners build their understanding of physical models as they explore and solve problems in these content areas: kinematics; forces and translational dynamics; work, energy, and power; linear momentum; torque and rotational dynamics; energy and momentum of rotating systems; oscillations; fluids.
Science	Science	AP/Dual Credit Biology	1	Year		*	11, 12	H, S, WF	Biology, Chemistry	*	Fees may be required for testing.	13580	AP Biology is an introductory college-level biology course. Learners cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: chemistry of life; cell structure and function; cellular energetics; cell communication and cell cycle; heredity; gene expression and regulation; natural selection; ecology.
Science	Science	Applied Chemistry	1	Year			11, 12	H, S, WF	Physical Science, Biology			13034	Applied Biology/Chemistry integrates biology and chemistry into a unified domain of study and presents the resulting body of knowledge 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.
Science	Science	Biology	1	Year			9, 10, 11, 12	H, S, WF		*	Optional Dual Credit - NDSCS BIOL 150/150L, 151/151L	13020	Biology is designed to engage learners with science processes, skills, and understandings related to a wide range of topics in biology. The course explores the nature and organization of living things. Topics of study include chemistry of life, cellular energy reactions, cell cycle, heredity, ecology and evolution.
Science	Science	Chemistry (DC)	1	Year		*	11, 12	S	Completion of/or concurrent enrollment in Algebra II		Optional Dual Credit - NDSCS CHEM 121/121L, CHEM 122/122L	13032	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.
Science	Science	Chemistry	1	Year			10, 11, 12	H, S, WF	Algebra 1 and Biology			13031	Chemistry covers the major concepts and theories required for an understanding of chemical phenomena. The course covers topics such as atomic and molecular structure, gas laws, stoichiometry, changes of state, chemical bonding, solutions, and energetics in chemical reactions and chemical equilibrium. The course also covers the qualitative and quantitative aspects of scientific measurement, the nature of matter, energy, properties of elements, chemical bonding, molecular structure and properties, thermochemistry, and solutions.
Science	Science	Dual Credit/Advanced Anatomy/Physiology I	0.5	Semester		*	11, 12	H, S, WF	Biology		Optional Dual Credit - NDSCS BIOL 220/220L	13021	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.
Science	Science	Dual Credit/Advanced Anatomy/Physiology II	0.5	Semester		*	11, 12	H, S, WF	Biology		Optional Dual Credit - NDSCS BIOL 221/221L	13022	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.
Science	Science	Earth & Space Science	1	Year			11, 12	H, S, WF				13063	Earth Science offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to learners' understanding of the dynamics and history of the earth, this course usually explores oceanography, geology, astronomy, meteorology, and geography.
Science	Science	Environmental Science	1	Year			11, 12	H, WF	Biology			13582	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.
Science	Science	Field Biology	1	Year			11, 12	H, WF	Biology		*	13110	The study of how organisms interact with each other and their environment at the population, community, and ecosystem levels. Topics include the interactions between plant, animal and human populations; natural resources; and environmental challenges.
Science	Science	Genetics	1	Year			11, 12	H, S, WF	Biology		*	13029	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.

Science	Science	Microbiology (DC)	0.5	Semester	*		11, 12	H, WF	Biology		Optional Dual Credit - NDSCS MICR202/20 2L	13029	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.
Science	Science	Physical Science	1	Year			9, 10	H, S, WF				13030	Physical Science is designed to introduce learners to chemistry and physics. Topics include scientific measurement, matter, forces, energy, and waves.
Science	Science	Physics	1	Year			10, 11, 12	H, S, WF	Algebra I		Optional Dual Credit - NDSCS PHYS 251/251L	13042	Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes an examination of sound, light, and magnetic and electric phenomena.
Service Learning	Service Learning	Workplace Readiness	0.5	Semester			10, 11, 12	H, S, WF			Approval Process	20074	Prepares learners for community and real-world work opportunities. 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 Science	Social Studies	AP European History	1	Year		*	10	H, S, WF			Fees may be required for testing.	15584	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. This course is designed to offer college preparatory experience and will prepare learners to take the AP European History College Board Exam.
Social Science	Social Studies	AP Human Geography	0.5	Semester		*	9, 10, 11, 12	H, S, WF			Fees may be required for testing.	15587	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 college preparatory experience and will prepare learners to take the AP Human Geography College Board Exam.
Social Science	Social Studies	AP Microeconomics	0.5	Semester		*	12	H, S, WF			Fees may be required for testing.	15581	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. This course is designed to offer college preparatory experience and will prepare learners to take the AP Microeconomic College Board Exam.
Social Science	Social Studies	AP Psychology	0.5	Semester		*	11, 12	H, S, WF			Fees may be required for testing.	15588	AP Psychology introduces learners to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, learners explore and apply psychological theories, key concepts, and phenomena. Throughout the course, learners employ psychological research methods, including ethical considerations, using the scientific method, analyzing bias, evaluating claims and evidence, and effectively communicating ideas. This course is designed to offer college preparatory experience and will prepare learners to take the AP Psychology College Board Exam.
Social Science	Social Studies	AP US Government	0.5	Semester		*	12	H, S, WF			Fees may be required for testing.	15583	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. This course is designed to offer a college preparatory experience and will prepare learners to take the AP US Government College Board Exam.
Social Science	Social Studies	AP US History	1	Year		*	11	H, S, WF			Fees may be required for testing.	15585	AP US History will cover the facets of history from the "Age of Discovery" to the end of Reconstruction in the first semester. During the second semester, learners will study 20th century U.S. history to present day issues. This course is designed to offer college preparatory experience and will prepare learners to take the AP US History College Board Exam.
Social Science	Social Studies	Economics	0.5	Semester			12	H, S, WF			*	15060	Economics is an introductory explanation of basic economic principles, personal finance, and their application. 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.

Social Science	Social Studies	Holocaust/Genocide	0.5	Semester			11, 12	H, S, WF		*		15021	Holocaust/Genocide will provide learners with an in-depth look at the Holocaust and the groups targeted by Hitler's regime, as well as other contemporary world genocides. Learners will 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.
Social Science	Social Studies	Human Geography	0.5	Semester			9, 10, 11, 12	H, S, WF				15070	Human Geography provides learners with an overview of world geography, focusing on physical and human characteristics, human-environment interactions, and the movement of people, goods, and ideas. This course is open to all grade levels but is designed for underclassmen.
Social Science	Social Studies	Law & Justice	0.5	Semester			11, 12	H, S, WF		*		15118	Law & Justice provides 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.
Social Science	Social Studies	North Dakota Studies	0.5	Semester			9, 10, 11, 12	H, S, WF		*		15401	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. This course is open to all grade levels but is designed for underclassmen.
Social Science	Social Studies	Psychology DC	0.5	Semester	*		11, 12	H, WF		*	Optional Dual Credit NDSCS - PSYC 111	15588	Dual Credit Psychology allows learners to 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. Dual credit information will be provided.
Social Science	Social Studies	Psychology	0.5	Semester			11, 12	H, S, WF		*		15120	Psychology allows learners to 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.
Social Science	Social Studies	Sociology DC	0.5	Semester	*		11, 12	H		*	Optional Dual Credit NDSCS - SOC 110	15130	Dual Credit Sociology provides 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.
Social Science	Social Studies	Sociology	0.5	Semester			11, 12	H, S, WF		*		15130	Sociology emphasizes 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.
Social Science	Social Studies	US Government	0.5	Semester			12	H, S, WF		*		15111	US Government provides an overview of the structure and functions of the U.S. government and political institutions. It examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course may examine state and local governments' structure and function and cover certain economic and legal topics.
Social Science	Social Studies	US History DC	1	Year	*		11	H		*	Optional Dual Credit NDSCS - HIST 104	15085	Dual Credit US History provides learners with an overview of the history of the United States, examining periods from Reconstruction through modern times. This course includes a historical overview of political, military, scientific, and social developments. This course also includes the study of Native American tribal history, as cited in NDCC 15.1-21-02. As a dual credit option, learners will engage in advanced learning experiences focused on US History. Dual credit information will be provided.
Social Science	Social Studies	US History	1	Year			11	H, S, WF		*		15085	US History provides learners with an overview of the history of the United States, examining periods from Reconstruction through modern times. This course includes a historical overview of political, military, scientific, and social developments. This course also includes the study of Native American tribal history, as cited in NDCC 15.1-21-02.
Social Science	Social Studies	Women in American History	0.5	Semester			11, 12	H, S, WF		*		15083	Women in American History 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.
Social Science	Social Studies	World History	1	Year			10	H, S, WF		*		15089	World History provides learners with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History also includes geographic studies.
Special Services	Special Services	General Study Hall	0	Semester			9, 10, 11, 12	H, S, WF				94	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.

Special Services	Special Services	Alternate Assessed Core Topics in English/Language I	0.5	Semester			9, 10, 11, 12	H, S, WF				19910	To introduce competencies in occupational preparation (identification, exploration, implementation, and evaluation), learners will receive instruction in locating sources of occupational/training information and local opportunities; explore requirements of appropriate and available jobs; identify occupational aptitudes, interests, and needs; be introduced to occupational tools such as applications, resumes, interview processes; and communicating with others.
Special Services	Special Services	Alternate Assessed Core Topics in English/Language II	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in English/Language I			19911	To introduce competencies in occupational preparation (identification, exploration, implementation, and evaluation), learners will receive instruction in locating sources of occupational/training information and local opportunities; explore requirements of appropriate and available jobs; identify occupational aptitudes, interests, and needs; be introduced to occupational tools such as applications, resumes, interview processes; and communicating with others.
Special Services	Special Services	Alternate Assessed Core Topics in English/Language III	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in English/Language II			19912	Competencies in occupational preparation (identification, exploration, implementation, and evaluation) learners will be taught through instruction and application in locating sources of occupational/training information and local opportunities; explore requirements of appropriate and available jobs; identify occupational aptitudes, interests, and needs; be introduced to occupational tools such as applications, resumes, interview processes; and communicating with others.
Special Services	Special Services	Alternate Assessed Core Topics in English/Language IV	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in English/Language III			19913	Competencies in occupational preparation (identification, exploration, implementation, and evaluation) learners will be taught through instruction and demonstration in locating sources of occupational/training information and local opportunities; exploring requirements of appropriate and available jobs; identifying occupational aptitudes, interests, and needs; be introduced to occupational tools such as applications, resumes, interview processes; and communicating with others.
Special Services	Special Services	Alternate Assessed Core Topics in Math I	0.5	Semester			9, 10, 11, 12	H, S, WF				19920	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.
Special Services	Special Services	Alternate Assessed Core Topics in Math II	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Math I			19921	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.
Special Services	Special Services	Alternate Assessed Core Topics in Math III	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Math II			19922	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.
Special Services	Special Services	Alternate Assessed Core Topics in Math IV	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Math III			19923	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.
Special Services	Special Services	Alternate Assessed Core Topics in Science I	0.5	Semester			9, 10, 11, 12	H, S, WF				19930	To introduce competencies in daily living skills, learners may receive instruction relevant to managing a household, caring for personal health, eating at home and in the community, and buying and selecting clothing. To introduce competencies in social skills, learners may receive relevant instruction in achieving independence, exhibiting socially responsible behaviors, and communicating with others.
Special Services	Special Services	Alternate Assessed Core Topics in Science II	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Science I			19931	To strengthen competencies in daily living skills, learners may receive instruction relevant to managing a household, caring for personal health, eating at home and in the community, and buying, caring for, and selecting clothing. To strengthen competencies in social skills, learners may receive relevant instruction in achieving independence, exhibiting socially responsible behaviors, and communicating with others.

Special Services	Special Services	Alternate Assessed Core Topics in Science III	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Science II			19932	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.
Special Services	Special Services	Alternate Assessed Core Topics in Science IV	0.5	Semester			9, 10, 11, 12	H, S, WF	Alternate Assessed Core Topics in Science III			19933	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.
Special Services	Special Services	Alternate Assessed Core Topics in Social Studies I (Geography)	0.5	Semester			9	H, S, WF				19940	To develop competencies in personal-social skills (achieving socially responsible behavior), learners will receive instruction for the rights and properties of others, recognize authority and instructions; make informed decisions; and appropriate behavior in public places.
Special Services	Special Services	Alternate Assessed Core Topics in Social Studies II (World History)	0.5	Semester			10, 11, 12	H, S, WF				19941	To increase competencies in personal-social skills (achieving socially responsible behavior), learners will demonstrate developing respect for the rights and properties of others, recognize authority and follow instructions, make informed decisions, and exhibit appropriate behavior in public places.
Special Services	Special Services	Alternate Assessed Core Topics in Social Studies III (US History)	0.5	Semester			10, 11, 12	H, S, WF				19942	To illustrate competencies in personal-social skills (achieving socially responsible behavior), learners will demonstrate knowledge of the rights and properties of others; recognize authority and follow instructions; make informed decisions, and independently exhibit, illustrate, or increase appropriate behavior in public places.
Special Services	Special Services	Alternate Assessed Core Topics in Social Studies IV (Gov/Econ)	0.5	Semester			12	H, S, WF				19943	To demonstrate competencies in personal-social skills (achieving socially responsible behavior), learners will demonstrate developing respect for the rights and properties of others, recognize authority and follow instructions, make informed decisions, and exhibit appropriate behavior in public places.
Special Services	Special Services	Applied Topics in Health	0.5	Semester			9, 10, 11, 12	H, S, WF				19824	To develop competencies in personal-social skills (achieving self-awareness), learners will become aware of physical and psychological needs; identify interests, abilities, and emotions; and develop knowledge of physical self.
Special Services	Special Services	Daily Living I	0.5	Semester			9, 10, 11, 12	H, S, WF				19828	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.
Special Services	Special Services	Daily Living II	0.5	Semester			9, 10, 11, 12	H, S, WF	Daily Living I			19829	Expanded learner studies and/or increased independence in the demonstration of community-based competencies of daily living and personal-social skills. Learners 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.
Special Services	Special Services	Daily Living III	0.5	Semester			9, 10, 11, 12	H, S, WF	Daily Living II			19830	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.
Special Services	Special Services	Daily Living IV	0.5	Semester			9, 10, 11, 12	H, S, WF	Daily Living III			19847	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.
Special Services	Special Services	Resource	0.25	Quarter			9, 10, 11, 12	H, S, WF				19861	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	Supplementary Services	Career & Transition Planning	0.5	Semester			11, 12	S, WF, H			Placement in this course requires counselor/educator approval.	19861	Career Development is a study of careers and the world of work for learners assigned for special placement.
Supplementary Services	Supplementary Services	Career Development I	0.5	Semester			9	S, WF, H			Placement in this course requires counselor/educator approval.	19854	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.
Supplementary Services	Supplementary Services	Career Development II	0.5	Semester			10, 11, 12	S, WF, H	Career Development I		Placement in this course requires counselor/educator approval.	19855	Career Development II is a continuation of Career Development I, using textbooks, 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.  This course is designed to continue having learners identify their learning styles and develop strategies to help them succeed in school and the workplace. Learners will complete activities to help increase their reading, writing, and math skills and develop study skills and test-taking strategies. Learners are expected to use technology to help them access curriculum and complete daily tasks. 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. Learners will use information from interest inventories to research possible career options.
Supplementary Services	Supplementary Services	Career Development III	0.5	Semester			10, 11, 12	S, WF, H	Career Development II		Placement in this course requires counselor/educator approval.	19856	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.  This course is designed to help learners continue to develop strategies to increase their independence. Learners use information from learning styles, inventories, and past experiences to continue identifying what they must do to succeed in their classes. Learners will complete activities to help increase their reading, writing, and math skills and develop study skills and test taking strategies. Learners are expected to independently use technology to help them access curriculum and complete daily tasks. 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. Learners will use information from their PLAN test, interest inventories, and transition inventories to research careers. This course includes time to develop a transition portfolio to help learners advocate for themselves in the adult world.

Supplementary Services	Supplementary Services	Career Development IV	1	Year			10, 11, 12	S, WF, H	Career Development III		Placement in this course requires counselor/educator approval.	19857	<p>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.</p> <p>This course is designed to help prepare learners to transition to the adult world. Learners are provided support upon their request, therefore, increasing their independence. Learners are expected to advocate for themselves with the teachers and employers. Instruction related to learners will continue to demonstrate their ability to use technology (Computers, Read Write Gold, iPads, iPods) to access lesson plans and their grades, complete daily tasks, assist with accessing curriculum, etc. Learners will complete their transition portfolios by including current evaluation information, recent IEP, ACT results, resume, completed inventories, completed job application, completed evaluation from a mock job interview with Job Service personnel, Vocational Rehabilitation acceptance letters, college acceptance letters, etc. Learners use this portfolio when making college visits and applying for disability services. Job shadow opportunities are presented and scheduled. Learners complete research related to their career interests. Learners must explore post-secondary training opportunities (college, Job Corps, military, on-the-job training, etc.)</p>
Supplementary Services	Supplementary Services	Career Development/ Job Experience I-IV	1	Year			10, 11, 12	S, WF, H			Placement in this course requires counselor/educator approval.	19815	<p>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.</p> <p>Application and/or maintenance of (semi) independence appropriate work habits and behaviors; maintain employment; knowledge of occupational choices and sustain specific occupational skills.</p>
WLAN	World Languages	French I	1	Year			9, 10, 11, 12	H, S, WF				06281	French I introduces learners to the French language and culture. Learners in level I operate in the Novice Low-Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners typically will be comfortable functioning within the Novice Mid Performance Indicators within the Communication goal by the end of the course.
WLAN	World Languages	French II	1	Year			10, 11, 12	H, S, WF	French I			06282	French II builds upon skills developed in level I. Learners in level II operate in the Novice Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners typically will be comfortable functioning within the Novice High-Performance Indicators within the Communication goal by the end of the course.
WLAN	World Languages	French III	1	Year			11, 12	H, S, WF	French II			06283	French III builds upon skills developed in level II. Learners in level III typically progress towards the Intermediate Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners in level III progress towards Intermediate Low Proficiency within the Communication goal.
WLAN	World Languages	French IV	1	Year			12	H, S, WF	French III			06284	French IV builds upon skills developed in level III. Learners in level IV will operate in the Intermediate Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners in level IV typically progress towards an Intermediate Mid Proficiency level within the Communication goal.
WLAN	World Languages	German I	1	Year			9, 10, 11, 12	WF			Travel to WFHS	06291	German I introduces learners to the German language and culture. Learners in level I operate in the Novice Low-Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners typically will be comfortable functioning within the Novice Mid Performance Indicators within the Communication goal by the end of the course.
WLAN	World Languages	German II	1	Year			10, 11, 12	WF	German I		Travel to WFHS	06292	German II builds upon skills developed in level I. Learners in level II operate in the Novice Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners typically will be comfortable functioning within the Novice High-Performance Indicators within the Communication goal by the end of the course.
WLAN	World Languages	German III	1	Year			11, 12	WF	German II		Travel to WFHS	06293	German III builds upon skills developed in level II. Learners in level III typically progress towards the Intermediate Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners in level III progress towards Intermediate Low Proficiency within the Communication goal.
WLAN	World Languages	German IV	1	Year			12	WF	German III		Travel to WFHS	06294	German IV builds upon skills developed in level III. Learners in level IV typically progress towards the Intermediate Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners in level IV progress towards Intermediate Mid Proficiency within the Communication goal.
WLAN	World Languages	Spanish I	1	Year			9, 10, 11, 12	H, S, WF				06211	Spanish I introduces learners to the Spanish language and culture. Learners in level I operate in the Novice Low-Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners typically will be comfortable functioning within the Novice Mid Performance Indicators within the Communication goal by the end of the course.

WLAN	World Languages	Spanish II	1	Year			10, 11, 12	H, S, WF	Spanish I			06212	Spanish II builds upon skills developed in level I. Learners in level II operate in the Novice Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners typically will be comfortable functioning within the Novice High Performance Indicators within the Communication goal by the end of the course.
WLAN	World Languages	Spanish III	1	Year			11, 12	H, S, WF	Spanish II			06213	Spanish III builds upon skills developed in level II. Learners in level III typically progress towards the Intermediate Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners in level III progress towards Intermediate Low Proficiency within the Communication goal.
WLAN	World Languages	Spanish IV	1	Year			12	H, S, WF	Spanish III			06214	Spanish IV builds upon skills developed in level III. Learners in level IV will operate in the Intermediate Performance Indicators of the North Dakota Indigenous and World Language Standards. Learners in level IV typically progress towards an Intermediate Mid Proficiency level within the Communication goal.



## **COLLEGE ADMISSION & CAREER READINESS REQUIREMENTS**

### **COUNSELING OFFICE**

All applicable information about the high school counseling program can be found on the high school websites, under Programs > Counseling.

This website provides information on college planning, financial aid, scholarships, transcripts, and testing.

### **CAREER CENTER**

All applicable information about the high school career center can be found on the high school websites, under Programs > Career Center.

### **ADMISSION REQUIREMENTS**

This information is for public campuses in the North Dakota University System It is provided for guidance. Admission information for specific universities is subject to change.

Certain high school courses are required if the learner plans on enrolling in a four-year public college or university in North Dakota. These campuses are: 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 including 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

The GPA and ACT guidelines for learners seeking admission to schools in the North Dakota University System suggest that a learner possess a minimum GPA of 2.75 and an ACT score of 22 or higher. Learners who do not meet these minimum guidelines will still be considered if there is evidence in the learner's academic record that demonstrate high probability of success. Learners with higher GPA's and lower ACT scores, or conversely, lower GPA's and higher ACT scores will also be given consideration.

### **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 with one of the high school counselors.

### **DUAL ENROLLMENT PROGRAM**

See course options for information on Advanced Placement, Dual Credit, Early Entrance, and Virtual options.


### **NCAA GUIDELINES**

Students need to register with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). Plan to register before freshman year of high school (or year nine of secondary school). Visit on [ncaa.com/RegChecklist](http://ncaa.com/RegChecklist) to help guide you through the registration process.

#### **Academic Requirements**

To study and compete at a Division I or II school, students 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 a final transcript with proof of graduation to the Eligibility Center.

The statements in this document are intended to provide guidance for daily procedures and practices in order to maintain order, efficiency, and continuity amongst our schools.



### 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 19 NCAA-approved core-course credits must be completed before the start of the 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 a 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 are required to complete an Amateurism-Only Certification account. A student must contact the Division III school of attendance for more information about the academic requirements.



## **COURSE OPTIONS – HIGH SCHOOL**

### **Dual Credit Program**

The dual credit program allows students 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.

A course that counts toward both high school and college credit:

- meeting standards
- full time status
- high school credit
- college credit

Credit may be awarded to meet a general education degree requirement at a college or university OR as an elective.

### **Benefits of Dual Credit Program**

- Increases post-secondary enrollment
- Builds student confidence & momentum
- Strengthens pathways to college programs

### **Participation**

- Courses must be approved into our district program of studies.
- Some courses require students to complete an Accuplacer or placement testing to ensure they have the skills to enter the course.
- Educators must be approved to teach the course. The course must be taught in alignment to the partnership institution.
- Students must register both at the high school and at the college.
- Semester calendars rarely align, adding a challenge to final grades.
- Courses rarely meet specific degree seeking requirements.
- Permission to enroll: Learners must complete the online application to the higher education institution and required documentation to the NDUS system.
- Credit: high school credit is awarded per dual credit course. The law does not specify the number of credits a learner may earn.
- Cost: The learner is 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.

### **Virtual Program**

<https://www.west-fargo.k12.nd.us/teaching-learning/virtual-academy>

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### **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.

A course that counts toward high school credit at an advanced status:

- meeting standards
- full time status
- high school credit

### **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

### **Details to Know**

- A passing AP exam score can count toward college requirements. Completion of the course itself does not.
- Courses must be approved into our district program of studies.
- Students may elect to enroll but are advised to have adequate skills in the field.
- Weighted high school GPA scale: A=5, B=4, C=3, D=2

### **Early Entrance Program**

<https://resources.finalsite.net/images/v1750194951/westfargok12ndus/ntghgbiugfudz5sev1nn/CollegeCourseSubstitutionv4.pdf>

A course that offered through a college or university system:

- full time status
- college credit to meet:
  - a general education degree requirement
  - an elective
  - a specific degree requirement

### **Benefits of Early Entrance Program**

- Increases post-secondary enrollment
- Builds student confidence & momentum
- Strengthens pathways to college programs

### **Details to Know**

- Students must complete an early entry application for approval.
- Some courses require students to complete an Accuplacer or placement testing to ensure they have the skills to enter the course.
- Semester calendars rarely align, making full-time status a challenge to monitor.
- Students must register both at the high school and at the college.

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## West Fargo Career & Technical Education (CTE)

### Coordinated Plans of Study – 2026-2027

Revised December 2025

Agricultural Education			
Environmental Services or Plant Systems			
Course Name	MIS03	Cr	
Intro to Agriculture (video conference)	01011	.5	
Plant Science I (video conference)	01053	.5	
Plant Science II (video conference)	01054	.5	
World & International Agriculture (online)	01069	.5	
Agriculture Cooperative Work Experience	01999	.5-1	

Agricultural Education			
Animal & Food Sciences			
Course Name	MIS03	Cr	
Intro to Agriculture	01011	.5	
Small Animal & Livestock Care	01066/01061	.5	
Veterinary Science	01067	.5	
Plant & Meat Processing	01068	.5	
Agriculture Cooperative Work Experience	01999	.5-1	

Arts, AV Technology & Communication Coordinated Plan of Study		
Visual Arts (Design & Communication)		
Course Name	MIS03	Cr
Photography I	17080	.5
Photography II	17080	.5
Graphic Communications I	17190	.5
Graphic Communications II	17191	.5
Video Production I-IV	17140	1
Graphics Cooperative Work Experience	17999	.5 to 4

Business Education – Coordinated Plan of Study								
Business Management & Administration						Finance		
Administrative Support			General Management			Accounting		
Course Name	MIS03	Cr	Course Name	MIS03	Cr	Course Name	MIS03	Cr
Adv. Keyboarding	14096	.5	Exploring Business Computer Apps	14024	.5	Exploring Business Computer Apps	14024	.5
Exploring Business Computer Apps	14024	.5	Business/Personal Finance	14095	.5	Business/Personal Finance	14095	.5
Fund of Business	14230	.5	Accounting I	14010, 14011	1	Accounting I	14010, 14011	1
Accounting I	14010, 14011	1	Accounting II	14012, 14013	1	Accounting II	14012, 14013	1
Accounting II	14012, 14013	1	Fund of Business	14230	.5	Fund of Business	14230	.5
Web Design	14022	.5	Business Law	14090	.5	Business Law	14090	.5
Adv. Web Design	14022	.5	Business Law	14090	.5	Business Law	14090	.5
Business Cooperative Work Experience							14999	.5-4



## West Fargo Career & Technical Education (CTE)

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Family and Consumer Science – Coordinated Plan of Study														
Human Services					Hospitality & Tourism			Arts, AV Technology & Communications			Education & Training			
Family and Community Services			Early Childhood Development			Restaurant/Food Service			Visual Arts			Teaching/Training		
Course Name	MIS03	Cr	Course Name	MIS03	Cr	Course Name	MIS03	Cr	Course Name	MIS03	Cr	Course Name	MIS03	Cr
Discovering Foods	09131	.5	Child Development & Parenting	09026	.5	Discovering Foods	09131	.5	Fashion and Clothing	09027	.5	Child Development & Parenting	09026	.5
Child Development & Parenting	09026	.5	Living on Your Own	09025	.5	International Cuisine	09131	.5	Contemporary Sewing	09030	.5	Intro to Teaching (VCSU - DC)	09041	.5
Food Trends	09137	.5	Early Childhood Education Block	09211	1	Food Trends	09137	.5	Interior Decorating & Design	09133	.5	Teaching Field Experience (VCSU - DC)	09041	.5
Living on Your Own (LOYO)	09025	.5		09211	1	Culinary Arts I	09135	1	Living on Your Own	09025	.5	Peer to Peer 1	09211 or 19010	.5
					1	Living on Your Own	09025	.5				Peer to Peer 2 (VCSU - DC)	09211 or 19010	.5
Restaurant, Visual Arts, or Education Cooperative Work Experience													09299	.5-4

Health Science Coordinated Plan of Study						
Therapeutic Services				Biotechnology Research		
Course Name	MIS03	Cr	Course Name	MIS03	Cr	
Certified Nurse Assistant – (Dual Credit)	07032	.5	**PLTW Principles of Biomedical Science	10730	1	
Health Science I	07033	1	*PLTW Human Body Systems	10732	1	
Health Science II	07035	.5	*PLTW Medical Interventions	10734	1	
Prevention and Care of Athletic Injuries - (Dual Credit)	07034	.5	*Health Sciences Cooperative Work Experience	10999	.5 to 4	
Medical Terminology Online – (Dual Credit)	07036	.5				*Horace High School only
Emergency Medical Services (Dual Credit)	07044	.5				**Horace and Sheyenne High School
Supervised Occupational Experience	07999	.5 to 4				

Law, Public Safety, Corrections & Security Coordinated Plan of Study		
Emergency & Fire Management Services		
Course Name	MIS03	Cr
Fire Fighter I	07100	2
Fire Fighter II	07???	2
Health Science I	07033	1
Health Science II	07035	.5
Medical Terminology	07036	.5
Cooperative Work Experience	07999	.5 to 4



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Information Technology Coordinated Plan of Study					
Information Technology					
Network Systems			Computer Programming		
Course Name	MIS03	Cr	Course Name	MIS03	Cr
IT Essentials I - (Dual Credit)	27219	1	Intro to Programming	27120	.5
IT Essentials II - (Dual Credit)	27220		Programming with Python	27123	.5
Intro to Home Networking & Cybersecurity	27265	.5	Fundamentals of Java	27125	.5
CISCO I – South HS - (Dual Credit)	27266	.5	Mobile App Development & Security	27127	.5
CISCO II – NDSCS Online	27999	.5	AP Computer Science A - Java II	27218	.5
IT Cooperative Work Experience				27999	.5 to 4

Marketing Education Coordinated Plan of Study					
Marketing					
Professional Sales, Merchandising, Marketing Communication			Marketing Management		
Course Name	MIS03	Cr	Course Name	MIS03	Cr
Fundamentals of Business	14230	.5	Fundamentals of Business	14230	.5
Entertainment Sports Marketing	04240	.5	Marketing	04210	1
Marketing	04210	1	Management & Entrepreneurship	04111	1
Management & Entrepreneurship	04223	1	Retail Store Management	04290	1
Retail Store Management	04290	1			
Marketing Cooperative Work Experience				04999	.5 to 1

Technology & Engineering Coordinated Plan of Study					
STEM Cluster			Manufacturing Cluster		
Engineering & Technology			Manufacturing Production Process Development		
Course Name	MIS03	Cr	Course Name	MIS03	Cr
Robotics	10411	.5	Construction Technology	10111	.5
Into to Engineering	10511	1	Energy in Motion Innovation	10331	.5
Principle of Engineering	10415	1	Robotics	10411	.5
Drafting & Architecture	10514	.5	Woods 1 (code teacher dependent)		
Cooperative Work Experience	10999	½ to 4	Cooperative Work Experience	10999	½ to 4



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Trade & Industry Coordinated Plan of Study		
Construction		
Course Name	MIS03	Cr
Woods I	17104	.5
Woods II	17104	.5
Construction Technology	17105	.5
Building Trades I	17100	2
Building Trades II	17117	2
BT Cooperative Work Experience	17999	½ to 4

Trade & Industry Coordinated Plan of Study		
Production		
Course Name	MIS03	Cr
Welding I (NDSCS) – dual credit option	17236	1
Welding II (NDSCS) – dual credit option	17237	1
Manufacturing I, II or III (South High)	17113	1 to 4
Metals I	10121	.5
Metals II	10121	.5
Manufacturing Cooperative Work Experience	17999	.5-4

Trade & Industry Coordinated Plan of Study		
Heavy Equipment Operation		
Course Name	MIS03	Cr
Construction Equipment Exploration	37020	.5
Construction Occupational Math	37020	.5
Equipment Fundamentals	17200	.5
Basic Maintenance of Mobile Equipment	17201	.5
HEO Cooperative Work Experience	17999	.5 to 4

Transportation, Distribution & Logistics					
Transportation Operations			Facility and Mobile Equipment Maintenance		
Course Name	MIS03	Cr	Course Name	MIS03	Cr
Aviation Technology I	17812	1	Diesel Technology I	17040	1
Aviation Technology II	17813	1	Diesel Technology II Block	17041	2
Unmanned Aerial Vehicle (NDSCS) dual credit option	17814	.5	Power Sports I	17310	2
Cooperative Work Experience			Power Sports II	17311	2
Aviation, Diesel, or Power Sports Cooperative Work Experience				17999	.5 to 4



# West Fargo Career & Technical Education (CTE)

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### Work-based Learning Paths

