



Dickinson

High

School

D

Registration Guide

2024-2025



Dickinson High School

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444 4th Street West
Dickinson, North Dakota 58601
701-456-0002

Superintendent Dr. Marcus Lewton
Assistant Superintendent Mr. Keith Harris
Director of Student Services Mrs. Sheri Twist
Director of Career and Technical Education Mr. Aaron Anderson
Director of Curriculum and Professional Development Mrs. Melanie Kathrein

DPS Website: <http://www.dickinson.k12.nd.us>
DHS Website: <http://www.dhs.dickinson.k12.nd.us/>

This guide describes the high school course offerings of Dickinson High School. Students will find that careful review of this registration guide will provide valuable information as they define their career goals and make their course selections.

Dickinson Public Schools is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, national origin, sex, age, disability or non-disqualifying handicap in its education programs/activities and employment practices. Dickinson Public Schools seeks to provide access to all its programs for those interested persons who might have a variety of handicapping conditions. This includes those with impaired vision and hearing loss.

If you have concerns or need information regarding the existence and location of services, activities, and facilities that are accessible, please contact Dickinson High School at (701) 456-0030.

For further information concerning the Registration Guide, please contact the following school personnel:

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979 13th Avenue West
Dickinson, North Dakota 58601
701-456-0030
Fax: 701-456-0019

Principal Mr. Jeff Brandt
Assistant Principals Mr. Randy Cranston, Mrs. Holly Schild
Activities Director/Assistant Principal Mr. Guy Fridley
Registrar Mrs. Tracy Zubke
Counselors Mrs. Rebecca Bautz, Mrs. Trista Fisher,
Mrs. Cherie Mack, Mrs. Rudie Swanson

GRADUATION REQUIREMENTS

Individual and Family Health.....	½ credit	
English Language Arts.....	4 credits	
Mathematics.....	3 credits	
Physical Education	1 credit	
Science.....	3 credits	
Social Studies.....	3 credits	
Civics Test (North Dakota Century Code 15.1-21)		
Required.....	14 ½ credits	
Electives.....	11 ½ credits	
Total credits for graduation		26 credits

FOUR-YEAR GRADUATION PROGRAM

Grade 9

Science: Physical Science	1
Individual and Family Health	½
Physical Education	½
English 9	1
Mathematics	1
Electives	4
Total	8

Grade 10

English 10	1
Mathematics	1
Science: Biology	1
Social Studies: World History	½
Electives	4½
Total	8

Grade 11

English 11	1
Mathematics elective	1
Social Studies: US History	1
Electives	4
Total	7

Grade 12

English 12	1
Social Studies:	
American Government	½
Economics	½
Electives	4
Total	6

To meet the requirement in each subject area, a student will need ½ elective credit in Physical Education and Social Studies and 1 elective credit in Science.

RECOMMENDED PROGRAMS

The American College Testing service recommends the following core curriculum for those students planning to go to college:

English, four years or more; **Mathematics**, three years or more; **Social Studies**, three years or more; **Natural Sciences**, three years or more; **Foreign Language**, two consecutive years.

All students who plan to attend a four-year school in the North Dakota University System must have the following credits: 4 credits of English; 3 credits of Mathematics, Algebra I and above; 3 credits of Laboratory Science; and 3 credits of Social Studies. All North Dakota universities require the ACT exam for admission. Registration information is available in the guidance offices.

AP stands for **Advanced Placement**. DHS offers the following AP courses for highly motivated students:

	<u>Grade</u>
<i>AP Biology</i>	11, 12
<i>AP Calculus</i>	12
<i>AP Chemistry</i>	11, 12
<i>AP Economics</i>	12
<i>AP Language & Composition</i>	11
<i>AP Literature & Composition</i>	12
<i>AP US History</i>	11

Students can earn college credit by taking and passing an AP exam. These classes are taught at Dickinson High School by our instructors. There is no additional cost to take the course itself. In addition to the regular classes, instructors will often offer additional AP Exam preparatory/study sessions outside of class time. In May, a test may be taken by students that may qualify them for college level credits. The present cost is \$95.00 per test and is the student's responsibility.

Benefits: Taking AP courses and exams can help students:

- **Stand out on college applications.** AP courses on a student's transcript show that they've challenged themselves with courses that are advanced and the most rigorous available to them. Success on an AP exam shows a student's preparedness for college-level work.
- **Earn college credit and/or skip introductory courses.** Most four-year colleges and universities, in the US and abroad, give students credit for college courses with their qualifying AP exam scores. Other institutions will place students in higher level courses, waiving requirements for lower level, introductory courses.

ATTENTION: Once you have registered for an AP class, you will not be allowed to drop that class!

DICKINSON HIGH SCHOOL EARLY GRADUATION

Early graduation is an option for some students. Students interested in graduating early should follow the procedure outlined below, and must meet the criteria for early graduation.

PROCEDURE:

Any student interested in the possibility of graduation early will:

1. See a counselor to determine if the student is a candidate for early graduation (see criteria below).
2. If a student is a candidate for early graduation, get an Early Graduation application from the counselor.
3. Turn in the application to Mr. Brandt or Mrs. Zubke in the Front Office by the last day of the current school year (last day of the student's junior year).
4. Attend a meeting with Mr. Brandt, the student, and parents/guardians for final approval and official signing of the application.
5. Verify that ALL REQUIRED SENIOR CLASSES are scheduled for Semester One.

CRITERIA:

In addition to meeting all the class/credit requirements for DHS (see page 3), students interested in early graduation must also meet the following criteria:

1. **Choice Ready:** ND has identified essentials skills and conditions for students to be considered ready to make a choice for their future beyond high school (Choice Ready). The chart on page 8 (North Dakota Scholarship) outlines the essential skills required of all ND graduates, as well as conditions for students to meet to be considered Choice Ready for post-secondary schooling, the workforce, or the military. Counselors will help students to track completion of the components, and early graduation candidates will be expected to be Choice Ready.

In addition to being Choice Ready, early graduation candidates must meet one of Criteria 2-5.

2. **Post-secondary:** Show proof of enrollment as a full-time college student for the spring semester **OR**
3. **Workforce:** Must have successfully completed an organized work study or workplace experience as a junior or in the fall semester of the senior year, and have full-time employment arranged starting at the end of Semester ONE **OR**
4. **Military:** Have been accepted into the military with basic training scheduled during spring semester **OR**
5. **Other:** Have an extenuating circumstance such as illness, pregnancy, or a family move. These will be approved on a case-by-case basis.

DICKINSON HIGH SCHOOL AT DICKINSON STATE UNIVERSITY

The following courses are offered as **DUAL CREDIT** or **EARLY ENTRY** through Dickinson State University. The courses offered will vary from year to year. **Denotes early entry courses.*

AP Biology	Applied Animal Science	Honors World History
AP Calculus	College Composition I*	Human Anatomy
AP Chemistry	College Composition II*	Introduction to Education*
AP US History	Equine Science I	Law Enforcement I
Advanced Algebra II	Firefighter I	LE II/Criminal Justice
Advanced Psychology	Firefighter II	Medical Terminology
Agronomy*	Fundamentals of Public Speaking*	Pre-Calculus

Students enrolling in dual credit or early entry classes in English and Mathematics will need to meet the entrance scores (ACT, Compass, Accuplacer, QAS, AAF exams) as established by the University System.

What is dual credit?

A dual credit class is one that is taught at Dickinson High School by a Dickinson High School teacher for which a student can get college credit. The college credit is optional; a student can choose to take a dual credit course without paying for the college credit, and that is the only expense associated with the course (books/materials are provided by Dickinson High School). The credits offered come through Dickinson State University, but they should transfer to other universities. The number of credits varies by course. Price per credit was \$142 for the 2023-24 school year, but the price is subject to change. For the Advanced Placement classes that are also offered for dual credit, students have the option of either paying for the guaranteed credits for the class (dual credit) or waiting until spring to take the AP Exam. Students who receive a qualifying score on the AP Exam may get college credit and/or get to skip introductory classes, depending upon the policy of the college or university they are applying to. All application paperwork will be completed in class, and parents will receive a bill from DSU for the cost of the credits.

What is early entry?

Early entry courses are taught at Dickinson State University by Dickinson State University professors. There are sections of Composition I, Composition II, and Fundamentals of Public Speaking set aside for DHS students, and DSU professors will follow the DHS A/B schedule instead of university scheduling for those sections. DHS students are welcome to take any other DSU class for which they meet the entry requirements. DSU classes not listed as Early Entry will not follow the DHS A/B schedule or the DPS calendar, so students will be expected to follow DSU start and end dates and class times. DSU classes offered during the DHS school day will be listed on a student's schedule; no DHS classes can be scheduled at the same time, so a student will have the DSU class for both A and B days, essentially losing out on a DHS class opportunity. Students are responsible for their own transportation to and from the DSU campus. Additionally, students enrolling in DSU classes, both early entry and regular class offerings, are responsible for the cost of the class, any additional DSU fees, and for purchasing any materials required by the course instructor. DHS students with a GPA of 3.0 or higher qualify for tuition assistance. Cost for the 2023-2024 school year was \$86 per credit (subject to change).

Both dual credit and early entry classes require students to apply for admission to Dickinson State University. Neither Dickinson High School nor Dickinson State University guarantees the transfer of credits to other universities. Students are responsible for checking university requirements for their prospective programs to know if courses they take will apply.

ACT AND WORKKEYS INFORMATION

ACT BASICS

- A standardized test that students take so that they can submit their scores to colleges as part of the college application process.
 - ALL juniors in the state of North Dakota are required to take the ACT in the spring of their junior year (this includes writing).
- Measures a student's skills in five core areas:
 1. English (75 questions in 45 minutes)—grammar & usage, punctuation, sentence structure, strategy, organization, and style
 2. Math (60 questions in 60 minutes)—pre-algebra, elementary algebra, intermediate algebra, coordinate geometry, plane geometry, and trig.
 3. Reading (40 questions in 35 minutes)—reading comprehension of what is directly stated or implied
 4. Science (40 questions in 35 min)—interpretation, analysis, evaluation, reasoning, and problem solving
 5. Writing—OPTIONAL (1 essay in 40 minutes)—Writing skills

Register for any of the ACT national test dates at act.org/bts.

- There are MANY free recourses that you can use to study! Search on-line or see your high school counselors for these wonderful resources.

WORKKEYS BASICS

- Although these tests are not used for college admission, they ARE used to help measure workplace skills that can affect job performance.
- Three of the tests are used to help our seniors qualify for the ND State Scholarship. These three tests include:
 1. Applied Math (33 questions in 55 minutes)—measures mathematical reasoning, critical thinking, and problem solving techniques to work-related problems
 2. Graphic Literacy (33 questions in 55 min.)—measures the skill people use when they read and use written text to do a job
 3. Workplace Documents (38 questions in 55 minutes)—measures the skill people use when they work with work place graphics
- All tests are scored out of 7 points. Students must pass each section with a 5.
- Tests can be taken all at one time or on an individual basis.



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

Check here when student has complete Essential Skills

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

- Earn a North Dakota high school diploma
- Complete a 9-week Career Education/Individual Counseling, 4-year Rolling Plan, pass ND Civics Test, earn a 3.0 or higher overall GPA, and four or more additional indicators:
 - 25 hours of Community Service
 - 95% Attendance (not counting school related absences)
 - Career Exploration Experience
 - Two or more years in organized Co-Curricular Activities
 - Two or more years in organized Extra-Curricular Activities
 - Successfully complete a Capstone Project
 - Successfully complete an online learning course
 - Demonstrate competency in 21st Century Skills

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

Check here when student is Post-Secondary Ready

POST-SECONDARY READY

Complete both indicator sets below:

ACT/SAT minimum composite score:

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

_____ and _____

Two or more additional indicators:

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

Check here when student is Workforce Ready

WORKFORCE READY

Complete both indicator sets below:

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

_____ and _____

Two or more additional indicators:

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

Check here when student is Military Ready

MILITARY READY

Complete both indicator sets below:

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

_____ and _____

One indicator set:

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

15.1-21-02.10(5) NDUS

SCHOOL ORGANIZATIONS AND CLUBS

The following clubs, activities, and organizations are available to all students:

Acalympics	Hockey (Boys & Girls)
Art Club	Leadership Dickinson
Baseball	Math Club
Basketball (Boys & Girls)	National Honor Society
Best Friends Mentoring	Science Club
Cheerleading	SkillsUSA
Close Up	Soccer (Boys & Girls)
Cross Country (Boys & Girls)	Softball
Dance	Speech
DicDak (Yearbook)	Student Congress
Drama	Student Council
E-Sports	Swim and Dive (Boys & Girls)
FBLA	Technology Student Association (TSA)nis (Girls)
FFA	Tennis (Girls)
FCCLA	Track & Field (Boys & Girls)
Football	Volleyball
Golf (Boys & Girls)	Wrestling (Boys & Girls)
Gymnastics	

For more information about Dickinson High School activities:

Sports Calendar

<https://www.westerndakotaassociation.org>

Activities Registration

<https://dickinson-ar.schooltoday.com/>

Conference Website

www.wdasports.org



CAREER PATHWAYS

The pathways offered on the following pages were created to assist Dickinson High School students in being Choice Ready, A pathway is defined as “a way of achieving a specified result; a course of action.” The following pathways are suggested class progressions to help students more effectively prepare for a desired career or anticipated field. Each pathway contains a specific sequence of classes for grades 9/10-12. These classes build on one another and assure that students are taking the highest levels of coursework as seniors. Additional classes are listed as “recommended,” to complement the pathway-specific classes and support student success in all curricular areas. It is highly beneficial for students to take as many of the recommended classes as possible.

Students are encouraged to use these pathways to guide their class selection each year.

BUSINESS MANAGEMENT AND ADMINISTRATION SYSTEMS PATHWAYS

Pathways	Business Management & Administration	Finance	IT /Computer Science
Grade 12	Entrepreneurship & Foundations of Leadership	Accounting III	DSU early entry
Grade 11	Accounting I Business Law	Accounting II Advanced Comp Apps—MS Excel	DSU early entry
Grade 10	Introduction to Business	Accounting I Introduction to Business	Comp Prog Essen/Python Cybersecurity
Grade 9			Computer Science Essentials I and II
Recommended	<ul style="list-style-type: none"> • Accounting II • Ad Comp Apps—MS Excel • Basic Psychology • Business Law • Consumer Math • Desktop Publishing • Peer to Peer Leadership • Sociology • World Language 	<ul style="list-style-type: none"> • Ad Comp Apps—MS Word • Basic Psychology • Business Comp Apps • Business Law • Communication Essentials • Consumer Math • Probability and Statistics 	<ul style="list-style-type: none"> • Ad Comp Apps—MS Excel • Ad Comp Apps—MS Word • Algebra II • Basic Psychology • Graphic Design • Digital Media • Architecture & Engineering I • Forensic Science • Web Design

ENGINEERING AND TECHNICAL SCIENCES PATHWAYS

Pathways	Agriculture: Animal Systems	Agriculture: Environmental Systems	Architecture & Construction: Architecture & Design
Grade 12	Work Based Learning Or DSU early entry	DSU early entry Ag course	Work Based Learning
Grade 11	Applied Animal Science Vet Science	Botany and Horticulture I Individual Ag Studies	Architecture & Engineering II
Grade 10	Equine I Small Animal Care	Environmental/Wildlife Ag Mechanics	Architecture & Engineering I
Grade 9	Introduction to Agriculture	Introduction to Agriculture	Design and Build
Recommended	<ul style="list-style-type: none"> • Accounting I • Ad Comp Apps—MS Excel • Ad Comp Apps—MS Word • Botany and Horticulture I • Introduction to Business • Chemistry • Communication Essentials • Construction Tech I • Architecture & Engineering I • Entrepreneurship • Environmental Science • Geology • Human Anatomy • Probability and Statistics • Welding I 	<ul style="list-style-type: none"> • Accounting I • Ad Comp Apps—MS Excel • Ad Comp Apps—MS Word • Introduction to Business • Chemistry • Communication Essentials • Construction Tech I • Architecture & Engineering I • Entrepreneurship • Environmental Science • Geology • Human Anatomy • Probability and Statistics • Welding I 	<ul style="list-style-type: none"> • Accounting I • Business Computer Apps • Introduction to Business • Chemistry • Commercial Art • Drawing • Physics • World Language

Pathways	Architecture & Construction: Construction	Transportation & Logistics: Automotive	Transportation & Logistics: Diesel
Grade 12	Work Based Learning	Work Based Learning	Work Based Learning, CDL
Grade 11	Construction Tech II	Automotive II	Diesel II
Grade 10	Construction Tech I	Automotive I	Diesel I
Grade 9	Design and Build	Basic Mechanics	Basic Mechanics
Recommended	<ul style="list-style-type: none"> • Accounting I • Art History • Business Computer Apps • Introduction to Business • Chemistry • Commercial Art • Architecture & Engineering I and II • Drawing • Physics 	<ul style="list-style-type: none"> • Accounting I • Drawing I • Introduction to Business • Consumer Math • World Language 	<ul style="list-style-type: none"> • Accounting I • Drawing I • Introduction to Business • Consumer Math • World Language

Pathways	Welding	Transportation & Logistics: Heavy Equipment
Grade 12	Work Based Learning	CDL, WBL
Grade 11	Welding II	Heavy Equipment I & II
Grade 10	Welding I	Diesel I
Grade 9	Basic Mechanics	Basic Mechanics
Recommended	<ul style="list-style-type: none"> • Accounting I • Drawing I • Introduction to Business • Consumer Math • World Language 	<ul style="list-style-type: none"> • Accounting I • Drawing I • Introduction to Business • Consumer Math • World Language

HEALTH AND HUMAN SERVICES PATHWAYS

Pathways	Behavioral Health	Education and Training	First Responders	Government and Law	Health Sciences
Grade 12	Advanced Psychology Communication Essentials	DSU Intro to Ed Work Based Learning	Firefighter II/LE II/ Specialty Health Career course*	Career Specific Course Careers in Government	1 credit of Specialty Health Career course*
Grade 11	Basic Psych	Introduction to Teaching	Firefighter I/ EMR/Health Sciences II/LE I/Specialty*	Law and Justice Business Law	Health Sciences II OR Specialty Health Career Course*
Grade 10	Sociology	Basic Psych Early Childhood Education	Health Sci I/ EMR	Basic Psych	Health Sciences I/II
Grade 9		Child Development			Health Sciences I
Recommended	<ul style="list-style-type: none"> • Business Computer Apps • Careers in Government • Child Development • DSU Fund of Public Speaking • Early Childhood Education • Foundations of Leadership • Peer to Peer Leadership • Probability and Statistics • World Language 	<ul style="list-style-type: none"> • Adv Psych • Business Computer Apps • Ad Comp Apps—MS Excel • Ad Comp Apps—MS Word • Communication Essentials • Creative Writing • DSU Fund of Public Speaking • Peer to Peer Leadership • Pre-professional Student Lab Aide • World Lang 	<ul style="list-style-type: none"> • Ad Comp Apps—MS Excel • Ad Comp Apps—MS Word • Basic Psych • Business Computer Apps • DSU Fund of Public Speaking • Human Anatomy • Law & Justice • Medical Terminology 	<ul style="list-style-type: none"> • Ad Comp Apps—MS Excel • Ad Comp Apps—MS Word • Business Computer Apps • Communication Essentials • Environmental Science • Forensics • Foundations of Leadership • Sociology • World Language 	<ul style="list-style-type: none"> • AP Bio • AP Chemistry • Adv Psych • Basic Psych • Business Computer Apps • Chemistry • Fundamentals of Nutrition & Wellness • Human Anatomy • Medical Terminology • Physics • World Lang

Pathways	Public Service
Grade 12	Careers in Government
Grade 11	Foundations of Leadership
Grade 10	
Recommended	<ul style="list-style-type: none"> • Agriculture classes • Business Computer Apps • Ad Comp Apps—MS Excel • Ad Com Apps—MS Word • DSU Fund of Public Speaking • Welding

Specialty Health Career Courses

Certified Nurse Aid
 Emergency Medical Responder (EMR)
 Introduction to Sports Medicine
 Health Occupation Experience Program
 Medical Terminology

Career Specific

Firefighter I
 Firefighter II
 Law Enforcement I
 Law Enforcement II

COURSE OFFERING BY DEPARTMENT

AGRICULTURE

Electives	Grades
01044 Agriculture Mechanics	10,11,12
01025 Agronomy (early entry)	11,12
01021 Applied Animal Science (dual credit)	10,11,12
01043 Basic Mechanics	9,10
01053 Botany & Horticulture Science I	9,10,11,12
01063 Environ & Nat Resources/Wildlife	10,11,12
01062 Equine Science I (dual credit)	10,11,12
01011 Introduction to Agriculture	9,10
01066 Small Animal Care	9,10,11,12
01067 Vet Science	11,12

Agriculture Mechanics #01044
Grades: 10,11,12 ½ credit

Description: Agricultural Mechanics II is designed to reinforce and extend students' understanding of applied mechanical applications. Students will be exposed to mechanical, fluid, electrical, and thermal power that are associated with the field of agriculture. Course activities may include metal fusion (welding), structures, surveying, electrical wiring principles, agricultural power and equipment, plumbing, electric motors and controls, GIS and GPS systems.

Agronomy/Princ of Crop Prod (early entry) #01025
Grades: 11,12 ½ DHS credit

Description: This course is the study of plants, crops and forages, careers in agronomy, range, and forest service. **This class will be taught outside of the DHS school day. Offered fall semester. Fee required. Provides 3 college credits.**

Applied Animal Science (dual credit) #01021
Grades: 10,11,12 ½ credit

Description: This course introduces the student to the many career opportunities involved with animal science, veterinary science, animal physiology, animal breeding, marketing, and genetics. Livestock judging will also be covered as part of the state leadership and career development skills. **Registration for college credits may be available.**

Basic Mechanics #01043
Grades: 9,10 ½ credit

Description: This course will provide you with the foundational knowledge and skills in welding and small engines. Students will learn to identify commonly used hand tools, proper safety and operation of mig and arc welding and torch-cutting equipment, and about motors, fluids, and general maintenance. **For freshmen and sophomores, this will be the prerequisite to enter the welding, automotive, and/or diesel technology programs.**

Botany and Horticulture Science I #01053
Grades: 9,10,11,12 ½ credit

Description: This course is designed to introduce the student to the many careers and opportunities associated with horticulture science. Practical "hands-on" instruction in the greenhouse lab will include planting from seed, plant grafting, plant growth, plant cell structure, propagation, and gardening. Care and maintenance of trees will also be included.

Environmental & Natural Resources/Wildlife #01063
Grades: 10,11,12 ½ credit

Description: This course provides an opportunity for students to increase awareness of the close ties among living organisms, and natural and environmental concerns with the interrelationships of living organisms and the world around us.

Equine Science I (dual credit) #01062
Grades: 10,11,12 ½ credit

Description: This class in basic horsemanship provides an overview of the horse industry with emphasis placed on production, reproduction, judging, nutrition, basic equitation, tack, and animal health. **Registration for college credits may be available.**

Introduction to Agriculture #01011
Grades: 9,10 ½ credit

Description: A "hands-on" approach to general agriculture designed to introduce students to all aspects of agriculture including livestock production, soils, range, new precision agriculture, with a plants/animals focus.

Small Animal Care #01066
 Grades: 9,10,11,12 ½ credit
Description: This course is an overview of small animal industry. Students will learn breed ID, health care, nutrition, reproduction, and general knowledge of dogs, cats, fish, birds, and rabbits. This course will also cover the leadership event for the state small animals.

Supervised Agricultural Experience #01995
 Grades: 10,11,12 (Summer only) ¼ credit
Description: The SAE class offers personalized, real-world projects in crops, livestock, and more. Students apply their classroom learning in a guided program in a work placement or developing their own agricultural enterprise. This class is only offered during the summer session.
Prerequisite: Intro to Ag.

Vet Science #01067
 Grades: 11,12 ½ credit
Description: Upper-level course to prepare students for careers in the field of animal science and veterinary science.

ART

Art provides varied courses to expand students' interests and abilities through their own involvement in the creative process. Art gives students a lifelong set of skills, perspectives, and sensibilities they can use to observe, understand, and relate to everyday experiences.

Electives	Grades
02020 Advanced Art	11,12
02011 Art History	10,11,12
02029 Ceramics	9,10,11,12
02050 Commercial Art I	10,11,12
02025 Drawing I & II	9,10,11,12
02021 Fundamentals of Art	9,10,11,12
02026 Painting	9,10,11,12
17080 Photography	11,12*
02029 3D/Sculpture	10,11,12

*Class will be taught for CTE credit only and will not count as a Fine Arts credit for the ND State Scholarship.

NOTE: Some works of art may be used for displays, exhibits, and contests, and will be returned within two years.

Advanced Art #02020
 Grades: 11,12 ½ credit
Description: This course is for students who can work independently and wish to have the opportunity to work the media of their choice. The student will spend nine weeks working on eight projects. Strong emphasis is put on individual creativity as well as individual instruction. During the course, students will work at their own pace (within guidelines of the instructor) and create an artist portfolio. **Prerequisites:** Drawing I & II, Fundamentals of Art or Art History, 3D/Sculpture, Painting.
Lab Fee - \$40.00

Drawing I #02025
 Grades: 9,10,11,12 ½ credit
Description: This class focuses on the practice of basic drawing skills as well as drawing from still life/outdoors and image references. In keeping with this attention on two-dimensional work, students typically work with several media (graphite, charcoal, pen, etc.) but some courses may focus on only one medium. **Lab fee - \$20.00**

Fundamentals of Art #02021
 Grades: 9,10,11,12 ½ credit
Description: Fundamentals of Art provides students with the knowledge and opportunity to explore an art form and to create individual works of art. This course may also provide a discussion and exploration of career opportunities in the art world. Initial lessons cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although this course focuses on creation, it may also include the study of major artists, art movements, and styles. **Lab Fee - \$30.00**

Photography #17080
 Grades: 11,12 1 credit
Description: In the first half this course, students will gain knowledge and skills that will enable them to recognize and

understand commercial photography in the following areas: 35 MM camera operation, film processing, printing, enlarging, and lighting. The second half of the course will focus on the digital photography method. Students will concentrate on everything from basic camera usage, editing software, to development. Students will become aware of occupational and advanced training opportunities in photography. **Every student is required to supply their own digital camera. Film cameras will be provided by the department. Note: This course can be taught for CTE credit only. Lab Fee - \$50.00**

3D/Sculpture #02029
 Grades: 10,11,12 ½ credit
Description: This three-dimensional class will provide exposure in various three-dimensional media (clay, wood, wire, etc...). Strong emphasis is put on individual creativity and critical thinking abilities, within the boundaries set by the instructor. **Prerequisite: Drawing I. Lab Fee - \$40.00**

Offered 2024-2025

Ceramics #02029
 Grades: 9,10,11,12 ½ credit
Description: Ceramics class will concentrate on areas of hand building techniques (pinch pots, coiling, and slabbing) and wheel throwing. Other areas include relief design, stages of clay, glazing, recycling clay, and firing the kiln. **Lab Fee - \$40.00**

Painting #02026
 Grades: 9,10,11,12 ½ credit
Description: Painting will cover the basics of color theory, composition, and paint application. Studies will pertain to contemporary and historical cultures. In keeping with this attention on two-dimensional work, students typically work with several media such as watercolor, acrylics, and oils. **Prerequisite: Drawing I. Lab Fee - \$40.00**

Offered 2025-2026

Art History #02011
 Grades: 10,11,12 ½ credit
Description: Art History introduces students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. This course often emphasizes the evolution of art forms, techniques, symbols, and themes. **Lab Fee - \$30.00**

Commercial Art I #02050
 Grades: 10,11,12 1 credit
Description: Commercial Art I introduces students to the skills required to become a commercial artist. Application of art to the design of commercial products for decorative, aesthetic effects and current styling will be introduced. Software applications will be introduced so students are able to develop products electronically. **Prerequisite: Drawing 1 or Fundamentals of Art. Lab Fee - \$20.00**

Drawing II #02025
 Grades: 9,10,11,12 ½ credit
Description: This class is an advanced drawing course which offers additional emphasis on the elements of art and the principles of design. Students will work with different mediums, such as India ink, oil pastels, and colored pencils. **Prerequisite: Drawing I. Lab fee - \$20.00**

BUSINESS/OFFICE/FINANCE

The Business Department provides students with fundamental business knowledge and skills. Students develop ethical business standards, personal and professional excellence for career preparation, educational advancement, and personal success. Students are encouraged to join Future Business Leaders of America (FBLA), an organization that fosters leadership development, community involvement, and participation in state and national competitions.

Electives	Grades
14010 Accounting I	10,11,12
14011 Accounting II	10,11,12
14012 Accounting III	11,12
14025 Advanced Comp Apps – MS Excel	10,11,12

14096	Advanced Comp Apps – MS Word I	9,10,11,12
14024	Business Computer Applications	9,10,11,12
14090	Business Law	11,12
14099	Digital Media	11,12
14111	Entrepreneurship	11,12
14098	Graphic Design	10,11,12
14230	Introduction to Business	9,10,11,12
14111	Model School Store	11,12
14095	Personal Finance	9,10,11,12
14022	Web Design	10,11,12

Accounting I #14010
Grades: 10,11,12 ½ credit

Description: Accounting I is an introductory course designed to develop a basic understanding of accounting principles, concepts, terminology, and procedures. Students will complete an accounting cycle for a service business organized as a proprietorship. Students will also be introduced to QuickBooks. Any student headed into the business world or planning on a business degree in college should have a substantial knowledge of accounting.

Accounting II #14011
Grades: 10,11,12 ½ credit

Description: Accounting II is a continuation of Accounting I and will provide students with more detailed accounting knowledge than Accounting I. Students will complete an accounting cycle for a merchandise business organized as a corporation. QuickBooks is continued in the study of corporation accounting.
Prerequisite: Accounting I.

Accounting III #14012
Grades: 11,12 ½ credit

Description: Accounting III is designed to meet the needs of students interested in entry-level business jobs or who are interested in furthering their study in a post-secondary school. Emphasis is placed on the analysis of uncollectible accounts, plant assets, inventory, and end of period adjustments for a corporation. **Prerequisites: Accounting I and Accounting II.**

Adv Computer Applications, MS Excel #14025
Grades: 10,11,12 ½ credit

Description: Students will be introduced to spreadsheet software/applications to analyze business trends, and to solve problems for business and personal

use. This course will include the design and use of worksheets, writing formulas, analyzing data, charting data, managing data, using pivot charts/tables, creating macros, and displaying information on web pages.

Prerequisite: Business Computer Applications.

Adv Computer Applications, MS Word I 14096
Grades: 9,10,11,12 ½ credit

Description: Students will use word processing software to create and edit documents such as business letters, envelopes, labels, flyers, reports, and newsletters. Improved productivity will be developed by using timesaving shortcuts including templates, merging, tables, and key commands. Students will continue to practice formatting, editing, composing, and proofreading. Course long emphasis will include improving keyboarding speed and accuracy.
Prerequisite: Business Computer Apps.

Business Computer Applications 14024
Grades: 9,10,11,12 ½ credit

Description: Students will continue to develop skills in various computer applications and using various input and output devices in order to gather information, design, present, and evaluate projects. The course will include ethical uses of computers and information. The course would be helpful for all students. This course is a prerequisite to taking any other computer class.

Business Law #14090
Grades: 11,12 ½ credit

Description: Students 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. This also includes a unit on business ethics.

Digital Media #14099
Grades: 11,12 ½ credit

Description: Students will use digital images and videos to create meaningful documentation, production, and

presentations. Images, logos, backgrounds, and navigation tools for digital display will be used in multimedia and internet applications. The topics of image-editing, animation, file compression, digital audio/video editing, and planning for multimedia applications will also be discussed. Enhancements include proper format and appropriate use of graphics, animations, and transitions.

Prerequisite: Business Computer Applications.

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.

Model School Store

#14111

Grades: 11,12

½ credit

Description: This course is designed for students interested in business careers. Students will operate the school store and/or vending machines. They will learn about basic cash register operation and the importance of register accuracy, basic merchandising, inventory management, sales promotion, retail operations, loss prevention, and customer service. This course is independent study and enrollment is by instructor approval only. **Prerequisite: enrolled in a business class.**

Entrepreneurship

#14111

Grades: 11,12

½ credit

Description: Students examine the principles and techniques of planning, control, and decision-making of business organizations from an entrepreneurial perspective. This is an upper-level business class designed to introduce students to concepts and opportunities regarding business ownership. It includes units on recognizing opportunity, your potential as an entrepreneur, business planning, market analysis, marketing planning, price strategy, and promotion strategy. **Prerequisite: Introduction to Business.**

Personal Finance

#14095

Grades: 9,10,11,12

½ credit

Description: Students will study the impact of financial choices on personal and occupational goals and future earnings potential. Real world topics include checking accounts, budgeting, saving for large purchases, using credit cards, figuring interest and fees, being a responsible consumer, earning power, learning about taxes and paycheck withholding, college costs, mortgages, retirement savings, and financial decisions. **Prerequisite: successful completion of Advanced Algebra I or Algebra I Part II.**

Graphic Design

#14098

Grades: 10,11,12

½ credit

Description: Students will learn the process of creating professional documents using MS Publisher, Adobe InDesign, Photoshop, Illustrator, internet sites, and digital equipment. In addition, students will learn basic marketing skills and graphic design tools to customize documents to specific audiences. Instruction will be provided to produce original layouts for newsletters, brochures, catalogs, business cards, letterheads, invitations, cards, logos, flyers, and other materials. **Prerequisite: Business Computer Applications.**

Web Design

#14022

Grades: 10,11,12

½ credit

Description: Students will be introduced to a variety of ways to create and maintain web pages. Course topics will focus on overall production processes with an emphasis on design elements involving layout, navigation, and interactivity. Understanding of 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, forms, contacts, and other additional components). **Prerequisite: Business Computer Applications.**

Introduction to Business

#14230

Grades: 9,10,11,12

½ credit

Description: Students will be introduced to the world of business and prepare for the economic roles of consumer, worker, and citizen. The content may include a study of the business environment and strategies for creating, financing,

COMPUTER SCIENCE

unsuspecting individuals to propagate malware, and why cybersecurity is a growing profession.

Electives	Grades
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10810 Computer Science Essentials I	9,10,11,12
10810 Computer Science Essentials II	9,10,11,12
27123 Computer Prog Essentials/Python	9,10,11,12
27280 Cybersecurity	9,10,11,12

Computer Science Essentials I #10810
 Grades: 9,10,11,12 ½ credit

Description: Students will explore a diverse set of computational thinking concepts, fundamentals, and tools. Want to learn to build an app? Understand basic coding? This course provides projects and problems that include app development, visualization of data, cybersecurity, and simulations.

Computer Science Essentials II #10810
 Grades: 9,10,11,12 ½ credit

Description: A continuation of Computer Science Essentials I. Students will explore a diverse set of computational thinking concepts, fundamentals, and tools. Want to learn to build an app? Understand basic coding? This course provides projects and problems that include app development, visualization of data, cybersecurity, and simulations.
Prerequisite: Computer Science Essentials I.

Computer Prog Essentials/Python #27123
 Grades: 9,10,11,12 ½ credit

Description: The aim of this course is to familiarize the student with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantic, and runtime environment, as well as general coding techniques and object-oriented programming.

Cybersecurity #27280
 Grades: 9,10,11,12 1 credit

Description: Cybersecurity covers trends in cybersecurity and career opportunities. Course modules will define cybersecurity, explain why it's important, and introduce products and processes used to secure data. Students will also explore why cybersecurity is critical in business and medical industries, how hackers use

DICKINSON STATE UNIVERSITY

These are the classes that DHS and DSU have agreed to offer as early entry classes for our students, following the DHS A/B schedule and school calendar. DHS students are welcome to take any other DSU classes for which they qualify, but they will be expected to follow the DSU calendar and schedule. For early entry and regular classes, students will be responsible for their own transportation to and from the DSU campus, as well as all tuition, fees, and material costs associated with the class(es). All DSU class offerings are listed in their catalog:

<https://dickinsonstate.smartcatalogiq.com/en/2022-2024/Catalog>

DHS students with a GPA of 3.0 or higher qualify for tuition assistance. The 2023-2024 cost, with assistance, was \$86 per, which is subject to change for the 2024-2025 school year.

Electives	Grades
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PLSC 225 Agronomy/Princ of Crop Production	11,12
ENGL 110 College Composition I	12
ENGL 120 College Composition II	12
COMM 110 Fundamentals of Public Speaking	11,12
EDUC 250 Introduction to Education	12

Agronomy/Princ of Crop Prod, PLSC 225
 Grades: 11,12 ½ DHS credit

Description: This course is the study of plants, crops and forages, careers in agronomy, range, and forest service. **This class will be taught outside of the DHS school day. Fee required. Provides 3 college credits.**

College Composition I, ENGL 110*
 Grades: 12 ½ DHS credit

Description: In this course, students will engage in various activities and assignments to develop their critical thinking, reading, and writing skills. This class focuses on the writing process, including brainstorming, drafting, revising, and editing. Students will write a series of essays. **Students must have an ACT English score of 18 or higher or an equivalent score on other placement tests. Offered fall semester. Fulfills a**

general education requirement and provides 3 college credits.

College Composition II, ENGL 120*

Grades: 12 ½ DHS credit

Description: In this course, students will build upon their work from Engl. 110 to create more complex arguments and essays. Students will learn how to perform effective research as part of the writing process and to use research in their papers. **Fulfills a general education requirement and provides 3 college credits. Offered spring semester. Prerequisite: Engl. 110 (College Composition I).**

***Successful completion of both ENGL 110 and 120 will fulfill the English 12 requirement.**

Fundamentals of Public Speaking, COMM 110

Grades: 11,12 ½ DHS credit

Description: Study of and practice at the basic principles of effective communication. Composition and delivery for public speaking and the skills of listening receive emphasis. Students will prepare and deliver at least three speeches. **Offered fall and spring semesters. Provides 3 college credits.**

Introduction to Education, EDUC 250

Grades: 12 ½ DHS credit

Description: A study of teaching as a profession, including historical, philosophical, social, and psychological foundations of education. This course will provide a general overview of all aspects of the teaching profession and serve as a general introduction to all professional education courses. Students will gain an understanding of DSU's teacher education theme and model and be given opportunities to apply their skills in peer teaching exercises. Through participation in the course, students will evaluate their commitment to becoming a professional educator. This course includes structured observations to expose students to a variety of teaching/learning scenarios across the K-12 spectrum. **Offered fall and spring semesters. DHS Pre-requisites: Introduction to Teaching. Provides 3 college credits.**

ENGLISH LANGUAGE ARTS

Any student graduating from Dickinson High School must have a minimum of four English language arts credits.

Required Courses	Grade
05580 AP Language and Composition	11
05581 AP Literature and Composition	12
05041 College Composition I (early entry)	12
05041 College Composition II (early entry)	12
05071 English 9	9
05072 English 10	10
05031 English 11	11
05034 English 12	12
05072 Pre-AP English	10

AP Language and Composition #05041

Grades: 11 1 credit

Description: The Advanced Placement Language and Composition class is a college level, year-long course in writing. This class will also focus on the principles and usage of rhetoric used in the English language. Grammar and the elements of language will be a large focus throughout the course, and the class will be active in incorporating these grammar skills in daily writing. We will also read and explore various nonfiction essays, discuss current news, and utilize this information to apply to real-world writing. Writing outside the classroom will be required. **Writing outside the classroom will be required. This class can be taken in place of English 11 OR as an elective. Prerequisite: B average or better in English 10.**

AP Literature and Composition #05581

Grades: 12 1 credit

Description: The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, including expository, analytical, and argumentative essays that require students to analyze and interpret literary works. **This class can be taken**

in place of English 12 OR as an elective. *Prerequisites: English 11 OR AP Language and Composition and B average or above in either class.*

College Composition I (early entry)* #05041

Grades: 12 ½ DHS credit

Description: In this course, students will engage in various activities and assignments to develop their critical thinking, reading, and writing skills. This class focuses on the writing process, including brainstorming, drafting, revising, and editing. Students will write a series of essays. ***Students must have an ACT English score of 18 or higher or an equivalent score on other placement tests. Offered fall semester. Fulfills a general education requirement and provides 3 college credits.***

College Composition II (early entry)* #05041

Grades: 12 ½ DHS credit

Description: In this course, students will build upon their work from Engl. 110 to create more complex arguments and essays. Students will learn how to perform effective research as part of the writing process and to use research in their papers. ***Fulfills a general education requirement and provides 3 college credits. Offered spring semester. Prerequisite: Engl. 110 (College Composition I)***

***Successful completion of both ENGL 110 and 120 will fulfill the English 12 requirement.**

English 9 #05071

Grades: 9 1 credit

Description: This course is designed for students to obtain foundational skills such as summarizing and analyzing fiction and non-fiction with the use of textual evidence, tracking the development of literary elements, writing to convey real experiences, applying grade-level grammar concepts, and demonstrating learning using speaking and listening standards. Students will practice reading and writing to gain comprehension and fluency. ***Failure to successfully complete this course will require credit recovery.***

English 10

Grades: 10

Description:

#05072

1 credit

This course will build on the foundational skills of English 9. Students will analyze fiction and non-fiction texts with the use of strong textual evidence to determine how literary elements impact the purpose. They will write using information/explanatory/technical techniques to examine and convey complete ideas, concepts, and information, applying grade-level grammar concepts. Students will demonstrate learning using discussions and collaboration, in addition to daily reading and writing practice for stamina. ***Failure to successfully complete this course will require credit recovery.***

English 11

Grades: 11

Description:

#05031

1 credit

Essential standards for grade 11 guide this class in the study of literature, as well as writing and vocabulary, with an emphasis on discussing and reflecting on literature. It will cover genres of non-fiction, fiction, and poetry. Major writings include argumentative and rhetorical analysis. ACT prep will also be included in this course. ***Students will be required to apply skills learned in English 9 and English 10. Failure to successfully complete this course will require credit recovery.***

English 12

Grades: 12

Description:

#05034

1 credit

English Language Arts essential standards frame this course that spans major genres of literature and writing with a focus on evaluating non-fiction, fiction, poetry, and drama. There are major writings, such as rhetorical analysis and personal essays (scholarship/college application), and short pieces that complement the readings. ***Students are expected to synthesize skills learned in previous (grades 9-11) English classes. Failure to successfully complete this course will affect graduation requirements.***

Pre-AP English #05072
 Grades: 10 1 credit
Description: This honors-level course is designed to prepare students for Advanced Placement English courses with advanced reading topics and essay writing. **Students must have earned a B or better in English 9 and have teacher recommendation. This course replaces English 10.**

bound students. **Reading assignments may need to be done outside of class time.**

Fiction #05039
 Grades: 10,11,12 ½ credit
Description: This course will empower students to discover and celebrate their unique literary personality while exploring new genres beyond their comfort zone. Students will read multiple formats of fiction in a variety of genres. Students will analyze, discuss, write, and present about the literature they read. **Reading assignments may need to be completed outside of class time.**

Electives Grades

- 05111 Communication Essentials 12
- 05042 Creative Writing 10,11,12
- 05043 Exploring Mythology 11,12
- 05039 Fiction 10,11,12
- 05040 Film Critique 11,12
- 05092 Fund of Public Speaking (early entry) 11,12
- 05039 Mystery, Murder, and Malice 11,12

Fund of Public Speaking (early entry) #05092
 Grades: 11,12 ½ DHS credit
Description: Study of and practice at the basic principles of effective communication. Composition and delivery for public speaking and the skills of listening receive emphasis. Students will prepare and deliver at least three speeches. **Offered fall and spring semesters. Provides 3 college credits.**

Communication Essentials #05111
 Grades: 12 ½ credit
Description: This course provides students the opportunity to develop and refine communication skills through individual and group learning in reading, writing, listening, speaking, problem-solving, visual, and nonverbal communication. Students will read, respond, discuss, and present to successfully communicate with different audiences in varied contexts.

Offered 2024-2025

Creative Writing #05042
 Grades: 10,11,12 ½ credit
Description: Unlock your creativity through daily writing in a variety of styles. After studying mento texts and writing samples, students will produce multiple writings including descriptive passages, character sketches, short stories, and poetry. **Proficiency in grammar is essential. Writing assignments will extend outside the classroom.**

Film Critique #05040
 Grades: 11,12 ½ credit
Description: This course focuses on the comparison, analysis, interpretation, and evaluation of films. Topics of study may include film adaptations of other literary forms, directors and directing technique (from Capra, Hitchcock, and Wells to Scorsese, Spielberg, and Weir). Film genres (such as comedy, musical, drama, and film noir) will be a focus of the class. Students will write about the films they study.

Exploring Mythology #05043
 Grades: 11,12 ½ credit
Description: This course concentrates on Greek, Roman, and some Norse Mythology. The stories and projects will aid students' understanding of mythology. This course includes a connection to modern days but does not include Percy Jackson books/movies. This course is a good general elective, and an especially good choice for college-

Mystery, Murder, and Malice #05039
 Grades: 11,12 ½ credit
Description: This course encompasses a history of mystery, detective, and crime stories from Poe to the present day. We will study the most famous classic authors and their subjects as well as the evolution of various sub-genres. **Reading assignments may need to be done outside of class time.**

FAMILY AND CONSUMER SCIENCE

Required Courses Grade

09129 Individual and Family Health 9

Individual and Family Health #09129

Grades: 9 ½ credit

Description: This course is designed to encourage students to become more aware of themselves and their relations with others. Topics include communication, dealing with stress, handling conflict, dealing with depression and suicidal feelings. Students will consider decisions about drug use, sexual health, and preventing teen pregnancy. Relationships in the following areas will be discussed: friends, dating, marriage, family, and elderly.

Electives Grades

09026 Child Development	9,10,11,12
17050 Culinary Arts I	10,11,12
17051 Culinary Arts II	11,12
09211 Early Childhood Education	10,11,12
09027 Fashion Design	10,11,12
09030 Fashion Marketing and Merchandising	10,11,12
09131 Food Preparation	9,10,11,12
09137 Fundamentals of Nutrition & Wellness	10,11,12
09025 Independent Living	11,12
09041 Introduction to Teaching	11,12
09041 Introduction to Education (early entry)	12
09027 Textiles and Clothing	9,10,11,12

Child Development #09026

Grades: 9,10,11,12 ½ credit

Description: To increase students' knowledge of how children grow and develop. Content will include 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, and sources of support and assistance.

Culinary Arts I #17050

Grades: 10,11,12 1 credit

Description: To prepare students for occupations concerned with the preparation and service of food. Content may include 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, leadership development, and opportunities in food service. This class will include approximately 9 labs.
Prerequisite: Food Preparation.

Culinary Arts II #17051

Grades: 11,12 2 credits

Description: Culinary Arts II continues training for food service occupation and includes topics on financial management, current issues in food service, and advanced culinary skills. The Culinary Arts program prepares students for college programs in food service.
Prerequisite: Culinary Arts I.

Early Childhood Education #09211

Grades: 10,11,12 1 credit

Description: To prepare the student for employment in elementary education, child care centers, or for self-employment in homebased child care. Students will plan the DHS Tiny Tikes Preschool, write lesson plans, and teach lessons to children ages 3-5. Content will include career maturity skills, child care facilities, planning for children's needs, protecting the child's health and safety, children with special needs, working with parents, and leadership development.
Prerequisite: Child Development.

Fashion Design #09027

Grades: 10,11,12 1 credit

Description: This course builds upon the skills learned in Textiles and Clothing. This course will provide students with knowledge and skills to identify and incorporate design details in garments, assess and upgrade commercially produced patterns or products, and perform repairs and/or alterations. This class will also explore different careers that are available in the fashion industry. Lab experiences may include design and/or construction of one or more projects related to the concepts taught. All members of Fashion Design will participate in the fashion show that takes place in the spring of the year.
Prerequisite: Textiles and Clothing.

Fashion Marketing and Merchandising #09030

Grades: 10,11,12 1 credit

Description: This class will bring to life the business aspects of the exciting, fast-paced fashion world. Students are introduced to the basics of market economics, textiles, design, and promotion. Students will receive an in-depth view of the entire textiles/apparel/retail soft goods chain and a comprehensive study of retail fundamentals and strategies for retail success. Students grow their fashion industry knowledge through reading, guided research, hands-on activities, and industry expert opportunities. All members of Fashion Marketing and Merchandising will participate in the fashion show that takes place in the spring of the year.

Food Preparation #09131

Grades: 9,10,11,12 ½ credit

Description: This course explains the importance of nutrition and basic food preparation techniques. Included are approximately 9 labs to simulate home cooking experiences using ingredients like bread dough, milk products, eggs, meats, fruits, and vegetables. This class will benefit students in everyday life, as well as careers in food service, restaurant management, health, and fitness.

Fundamentals of Nutrition & Wellness #09137

Grades: 10,11,12 ½ credit

Description: This course provides students with an overview of good nutrition principles that are necessary for physical and mental wellness. Topics include basic nutrients, weight management, sports/fitness, life-span nutrition, and careers. This course emphasizes an understanding of today's food and eating trends while giving students the capacity to evaluate all available sources of nutrition. Specific unit topics include a course introduction, digestion, major nutrients, food choices, and nutritional labels. Guaranteed one cooking lab.

Independent Living #09025

Grades: 11,12 ½ credit

Description: To prepare students 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; 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.

Introduction to Teaching #09041

Grades: 11,12 1 credit

Description: Students will explore career opportunities in the elementary, middle, and high schools. This course introduces students to the duties and responsibilities of teachers, counselors, and administrators. Students will observe a variety of grade level classrooms, utilize their child development knowledge to develop lesson plans, and experience teaching in a controlled environment. Field trips to various schools and alternative school settings will be provided.
Prerequisites: *Child Development and Basic Psychology.*

Introduction to Education (early entry) #09041

Grades: 12 ½ DHS credit

Description: A study of teaching as a profession, including historical, philosophical, social, and psychological foundations of education. This course will provide a general overview of all aspects of the teaching profession and serve as a general introduction to all professional education courses. Students will gain an understanding of DSU's teacher education theme and model and be given opportunities to apply their skills in peer teaching exercises. Through participation in the course, students will evaluate their commitment to becoming a professional educator. This course includes structured observations to expose students to a variety of teaching/learning scenarios across the K-12 spectrum. **Offered fall and spring for 3 college credits. DHS Pre-requisites: Introduction to Teaching.**

Textiles and Clothing

Grades: 9,10,11,12

#09027

½ credit

Description: The focus of this course is to provide the student with the basic knowledge of textiles, the construction of fabric and of clothing. Students will develop skills in construction and use of equipment, visual design, color, textile characteristics, and safety of equipment. Students will create projects and will need no previous experience of sewing skills. Students are expected to purchase their own supplies for class.

becoming a Certified Nurse Aid. This course teaches fundamental nursing skills performed by a Certified Nurse Aid, employability skills, communication, legal responsibilities, ethics, safety, teamwork, health maintenance practices, information technology, and medical terminology. Students are given supervised practical training and prepare for employment in various clinical settings. Certification is not issued upon completion of the class, but students will have the opportunity to take the state board exam to acquire certification after this course. **Prerequisite: C or better in Health Science I or Emergency Medical Responder.**

FINE ARTS

Electives Grades

05061 Introduction to Theatre 10,11,12

Offered 2024-2025

Introduction to Theatre #05061

Grades: 10,11,12

½ credit

Description: Introduction to Theatre is a course that will explore theatre from the ancient Greeks to the present day. History, acting, costumes, make-up, and set design will be examined for each era. **Some performance elements required. Offered every other year.**

HEALTH SCIENCES/PUBLIC SAFETY

Electives Grades

07032 Certified Nurse Aid 10,11,12

07044 Emergency Medical Responder (EMR) 10,11,12

07999 Firefighter I (dual credit) 11,12

07999 Firefighter II (dual credit) 11,12

07999 Health Occupation Experience Program 11,12

07033 Health Science I 9,10,11

07035 Health Science II 11,12

07034 Introduction to Sports Medicine 11,12

07999 Law Enforcement I (dual credit) 11,12

07999 LE II/Criminal Justice (dual credit) 11,12

07036 Medical Terminology (dual credit) 11,12

Certified Nurse Aid #07032

Grades: 10,11,12

1 credit

Description: This course provides classroom instruction to those interested in

Emergency Medical Responder #07044

Grades: 10,11,12

1 credit

Description: The EMR course is an introductory competency-based course and follows a curriculum that will be used as a guide to the appropriate procedures to be used when rendering emergency care to the sick and injured. The procedures and protocols that are learned are based on the most current standards of credentialed medical sources. If all course requirements are met, students have the ability to be certified and licensed as an Emergency Medical Responder through the North Dakota Emergency Medical Services. Students will also obtain their American Heart Association Basic Life Support (BLS) certification. **It is recommended students taking the EMR course turn 16 prior to the completion of the course. Prerequisite: C or better in most recent science course.**

Firefighter I (dual credit) #07999

Grades: 11,12

1 credit

Description: This entry-level firefighter training course focuses on an intense hands-on approach to firefighting, which promotes both skill competency and an understanding of the fireground. Recruits will learn the fundamental skills of becoming a firefighter. **Required** skills training is held every Wednesday evening from 6:30–9:30 pm, with some additional Saturdays for live fire training. Upon successful completion of this course, students will

be eligible to take the Firefighter I certification test. **Students must be at least 16 years old to take this class. Registration for college credits may be available.**

related areas of interest may be accommodated for internships if placement is possible (PT, OT, Speech Therapy, Lab, Vet, EMS, etc.).

Firefighter II (dual credit)

#07999

Grades: 11,12

1 credit

Description:

This course provides the student with the knowledge and skills necessary to operate under general supervision during firefighting operations. This course focuses on an intense hands-on approach to advanced firefighting skills. Students will experience advanced lectures to promote critical thinking, practical skills evaluations to promote competency, and live fire scenarios to promote teamwork and coordinated fire attack. **Registration for college credits may be available. Prerequisite: Firefighter I, including successful completion of Hazardous Materials Operations certification.**

Health Occupation Experience Program #07999

Grades: 11,12

½ credit per semester, max of 4

Description:

This course provides students with a regularly scheduled, supervised employment or internship opportunity related to a health career. The placement must be preceded by, or concurrent with, classroom instruction related to the work experience consistent with the student's occupational goals and related to the health program area. There shall be a work experience agreement among all partners (school, employer or clinical site, student, and parent/guardian) outlining the expectations of each party. The instructor shall also develop a specific training plan with the employer or clinical site for each student placed. The training plan shall include provisions for assessment of the student progress and for on-site visits by the instructor during the student's placement. **Students must be at least 16 years old and may be paid a wage by the employer. The Work-Based Learning Application must be filled out completely and submitted. Please note: not all students will be accepted. Content areas: Certified Nursing Assistant, Dental Assisting, Direct Support Staff (Able, Inc.), EMT, Pharmacy Technician. Any other health**

- **Certified Nursing Assistant (different from the in-person CNA course offered):** the student is hired as an employee at a nursing home. The student will be expected to show up for scheduled shifts, meetings, and other job requirements, and to complete assigned work tasks.
- **Dental Assistant:** the student will be paired with a local dentist for a two-year commitment of approximately 3 hours of job-shadowing a week. This course consists of online academic modules and on-the-job shadowing and training. Once the course requirements, such as passing the ICE, AMP, and RHS certification exams, are met and job shadowing hours (300 hours total) obtained, the student will have the opportunity to apply for North Dakota licensure as a Qualified Dental Assistant. **Apply your sophomore year for consideration.**
- **Direct Support Staff:** the student is hired as an employee of ABLE, Inc. to provide support to people with disabilities in all aspects of their lives. Students will be expected to show up for scheduled shifts, meetings, and other job requirements and to complete assigned tasks.
- **Emergency Medical Technician:** This course prepares the student to respond to a wide range of emergencies such as heart attacks, auto accidents, and other various medical and trauma related problems. Students participate in extensive hands-on practical sessions using modern pre-hospital care equipment under the instruction of emergency care professionals. This course is facilitated through the Dickinson Fire Department in conjunction with Sanford Health EMS Education. Course expectations include attending Skill Nights on Mondays from 6:00–10:00 pm at the DFD. Course Lecture Nights are facilitated online on Tuesday evenings from 5:00–9:00 pm. Students are encouraged to be present with their other classmates to participate in the lecture together. Students must pass the course with 76.5% or better to be eligible to take the NREMP certification exam. The NREMT exam cost is \$80 and the student is responsible for the cost. Ride-along time with a local ambulance service is a requirement of the course for licensure and certification. Other course costs are covered by the Rural EMS Grand and RACTC. Dual-credit option through NDSCS with a cost of \$153.96/credit plus a \$95/credit instructor fee. See link below for information.

<https://www.ndscs.edu/become-wildcat/admission-information/dual-credit/tuition-and-fees>

Prerequisite: Student must have taken and passed with a C or better one of the following: **Health Science 1, Emergency Medical Responder, or Medical Terminology, as well as teacher recommendation based on prior attendance and discipline issues.**

- **Pharmacy Technician:** the student is hired as an employee of Clinic Pharmacy or Medicine Shoppe Pharmacy. The course consists of online academic modules and on-the-job experience (160 hours total). Upon completion of course requirements, the student will obtain the Certified Pharmacy Technician certification.

Health Science I #07033

Grades: 9,10,11 1 credit

Description: This course is designed to assist students interested in the medical field in determining an occupation that will best suit their capabilities and interests. The students will be given a foundation in areas such as: medical terminology, anatomy and related disorders, professional standards, safety, monitoring body functions, and disease prevention. The student will explore various health careers throughout the course. Emphasis on academics, professional development, leadership, and organizational skills are integrated into the curriculum.
Prerequisite: C or better in most recent science course.

Health Science II #07035

Grades: 11,12 1 credit

Description: This course has been developed to provide students interested in the medical field an in-depth study of a career of their choice. The program is a competency-based individualized curriculum in which the student will learn to balance various aspects of health and wellness, improve self-esteem, and make knowledgeable decisions regarding their career choice. A primary component of the course offers in-depth career studies. Students will expand their skills and knowledge in specific areas of interest during clinical rotations in the community. Emphasis is on academics, professional development, leadership,

and organizational skills are integrated throughout the curriculum. The students will also obtain their American Heart Association Basic Life Support (BLS) certification, HIPAA certification, and create their own career portfolio.

Students must provide their own transportation to job shadow locations.

Prerequisite: C or better in Health Science I, as well as teacher recommendation based on prior attendance and discipline issues.

Introduction to Sports Medicine #07034

Grades: 11,12 1 credit

Description: In this course, students who are interested in athletics and the medical needs of athletes will cover four distinct disciplines which will allow them to grasp the concepts of anatomy and physiology, and then apply them to sports medicine and athletic training. Students will be assigned to job shadow an athletic trainer or other professionals in sports medicine during this course. Students will obtain their American Heart Association Basic Life Support (BLS) certification.
Prerequisite: C or better in most recent science course.

Law Enforcement I (dual credit) #07999

Grades: 11,12 1 credit

Description: This course develops the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, courtroom testimony, and much more that goes into the enforcement of the law. Course will be taught by a member of the Dickinson Police Department.
Registration for college credits may be available.

LE II/Criminal Justice (dual credit) #07999

Grades: 11,12 1 credit

Description: This course develops the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, courtroom testimony, and much more

that goes into the enforcement of the law. Course will be taught by a member of the Dickinson Police Department.
Registration for college credits may be available.

Medical Terminology (dual credit) #07036

Grades: 11,12 1 credit

Description: This course is designed to introduce students to medical language used in the health care field. Students will learn prefixes, suffixes, and root words for medical terms. This will include meanings, spellings, and pronunciations. Emphasis on building a working medical vocabulary based on body system. Anatomy and physiology of major organs, pathological conditions, laboratory studies, clinical procedures, and abbreviations for each body system. **Registration for college credits may be available. Prerequisite: C or better in most recent science class.**

school and community. Through small and large group discussion, team building activities, and community engagement, students will actively pursue topics such as collaborative leadership, advocacy for people with disabilities, ethics, and decision making while promoting socialization, independence, and exposure to new opportunities for all students at DHS. This course will meet all year long.
Registration for college credits may be available. Prerequisite: Approval by administration.

Peer to Peer II (dual credit) #20065

Grades: 12 1/2 credit

Description: This course allows another opportunity for general education students to practice their leadership skills. Students who have completed the Peer to Peer Leadership course will be placed in classes with students who are on an individualized education plan and need support within general education classes. Peer to Peer II students will go to class with a mentee to assist with the following: staying on task, staying organized, assisting with accommodations, and helping with study skills. There is not any peer support required outside of class hours.
Registration for college credits may be available. Prerequisite: Peer to Peer Leadership.

LEADERSHIP

Electives	Grades
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20066 Foundations of Leadership	11,12
15030 Peer to Peer Leadership (dual credit)	11,12
20065 Peer to Peer II (dual credit)	12
20065 Peer to Peer III (dual credit)	12

Foundations of Leadership #20066

Grades: 11,12 1/2 credit

Description: This course focuses on the traits of being a highly effective leader in the world today. A variety of leadership styles are studied, including, but not limited to, the 7 Habits, strengths-based leadership, servant leadership, and several more. Students will be center stage in this course as they learn to be proactive rather than reactive. The 4 C's (critical thinking, collaboration, communication, and creativity) will be used daily. This class will be similar to a project-based course.

Peer to Peer III (dual credit) #20065

Grades: 12 1/2 credit

Description: Peer to Peer III is a class during which students will go into the resource room at a local elementary school and support the students and teachers. Peer to Peer III students will be expected to assist with academic goals in relation to the general education setting as well as the student's individualized education plan. There will be no outside-of-class hours required. **Registration for college credits may be available through the instructor and DSU. Prerequisites: Peer to Peer Leadership and Peer to Peer II.**

Peer to Peer Leadership (dual credit) #15030

Grades: 11,12 1 credit

Description: This course combines experimental and project-based learning to empower students to make a difference in their

MATHEMATICS

The mathematics curriculum offered reflects the rapid changes in our society with its increasing demand on mathematics. Mathematics is an experience that requires student involvement, effort, and study. All students are required to pass Advanced Algebra I or Algebra I Part II and Geometry or Advanced Geometry. All students must complete at least one math credit during their freshman, sophomore, and junior years.

Required Courses	Grades
11030 Algebra I Part I	9,10
11031 Algebra I Part II	9,10
11031 Advanced Algebra I	9
11122 Applied Geometry	10,11,12
11120 Geometry	10,11,12
11120 Advanced Geometry	9,10

Any exceptions to the prerequisites or grade recommendations of any mathematics courses will require approval from your most recent math teacher or the principal.

Algebra I Part I/Part II #11030/11031
Grades: 9,10 2 credits

Description: These two courses are designed for the student who needs two semesters to master Algebra I. Students are recommended to pass Algebra I Part I before moving on to Algebra I Part II. Content covered in these two courses will be the same as the content in the Advanced Algebra I course for 1 credit. The successful completion of Algebra I Part II will fulfill the Algebra I requirement for graduation. (*Algebra I Part I counts for one general elective credit and Algebra I Part II counts as the required Algebra I credit for graduation.*) **Placement in this course will be determined by prior academic records.**

Advanced Algebra I #11031
Grades: 9 1 credit

Description: Advanced Algebra I is the study of the structure and properties of the real numbers. A considerable amount of time is spent teaching these concepts through the use of variables. Topics covered include linear functions, inequalities, systems of linear equations, quadratic functions, polynomials, exponential functions, and

radicals. This course is the first course in the traditional college preparatory sequence. (*Completion of this course fulfills the Algebra I requirement for graduation.*) **Placement in this course will be determined by prior academic records.**

Applied Geometry #11122
Grades: 10,11,12 1 credit

Description: Applied Geometry emphasizes a practical approach to the study of geometry and deemphasizes an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles. **Placement in this course will be determined by prior academic records. This course would be taken concurrently with Geometry.**

Geometry #11120
Grades: 10,11,12 1 credit

Description: Geometry focuses on basic work with points, lines, planes, polygons, etc., and the measurements of area and volume. Content will include congruence, proof, similarity, trigonometry, three dimensional objects, and coordinate geometry. **Prerequisite: Must pass Advanced Algebra I OR Algebra I Part II.**

Advanced Geometry #11120
Grades: 9,10 1 credit

Description: Advanced Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving toward formal mathematical arguments. Content will include congruence, proof, constructions, similarity, trigonometry, three dimensional objects, coordinate geometry, circles, and probability. This course is the second course in the traditional college preparatory sequence. (*Completion of this course fulfills the geometry requirement for graduation.*) **Prerequisite: Advanced Algebra I OR Algebra I, Part II. Students**

are recommended to earn a C or better in Advanced Algebra I or an A in Algebra I, Part II.

complex number system, radicals, and exponential functions. Successful completion of Algebra II will prepare students for an entry level college algebra course. **Prerequisite: Passing grade in Advanced Geometry or Geometry**

Electives	Grades
11190 Applied Mathematics	10,11,12
11032 Algebra II	10,11,12
11032 College Algebra (dual Credit*)	10,11,12
11161 Trigonometry	11,12
11150 Probability & Statistics	11,12
11181 Pre-Calculus (dual Credit*)	11,12
11581 AP Calculus I (dual Credit*)	12
11145 Consumer Math	12

Dual Credit Information:

***Any students taking a mathematics course for dual credit from Dickinson State University must submit the required placement test score. If a student does not have an ACT score, they may take the QAS or AAF exam. (See a math teacher for details on this test.)**

- College Algebra (Math 103) ACT score of 21 or above
OR qualifying college placement exam score
- Pre-Calculus (Math 107) ACT score of 25 or above
OR qualifying college placement exam score
- AP Calculus I (Math 165) ACT score of 27 or above
OR qualifying college placement exam score

Applied Mathematics (not NCAA eligible) **#11190**
Grades: 10,11,12 1 credit

Description: Applied Mathematics is a preparatory course for Algebra II. Applied Mathematics will further explore topics studied in Algebra I and Geometry to provide students with a deeper understanding of the concepts needed to be successful in Algebra II. Topics in probability and statistics will also be covered. Students will see connections among different branches of mathematics and solve a wide variety of problems. This course is not recommended as a final high school math course for students planning on attending a four-year institution and **will not count towards college admission. Prerequisite: Geometry or Advanced Geometry.**

Algebra II **#11032**
Grades: 10,11,12 1 credit

Description: Algebra II will further study the concepts learned in Algebra I. Emphasis will be placed on solving linear equations and inequalities, as well as quadratic equations, matrices,

College Algebra (dual credit) #11032
Grades: 10,11,12 1 credit

Description: College Algebra is a dual credit course that covers Algebra II content with greater in-depth study. Students will learn about a variety of relations, functions, and inequalities Topics include linear and quadratic functions and inequalities, complex numbers, exponential and logarithmic functions, rational and polynomial functions, systems of equations, and matrices. Each topic will also include an emphasis on graphing. If taking for dual credit, students must have a minimum ACT score of 21 on the math portion or a qualifying ACCUPLACER placement score. **Registration for college credits may be available. Prerequisite: Advanced Geometry or Algebra II, or concurrently enrolled in Advanced Geometry. Students are recommended to have earned a C or better in Advanced Geometry or Algebra II if not concurrently enrolled in Advanced Geometry.**

Trigonometry #11161
Grades: 11,12 ½ credit

Description: Topics for this preparatory course for calculus include trigonometric functions and equations, solutions of right and oblique triangles, and the unit circle. Course content also includes the inverse trigonometric functions, and the graphs of the trig functions. **Prerequisites: College Algebra and Advanced Geometry. Students are recommended to have earned a C or better in both prerequisite courses.**

Probability & Statistics #11150
Grades: 11,12 ½ credit

Description: This is an introductory course in probability and statistics. Topics include, but are not limited to, probability and statistics. Probability will include addition and multiplication rules, conditional probability,

permutations, and combinations. Statistics will include data collection and sampling, bias in statistics, organizing and presenting data, normal distribution, z-scores, and central limit theorem. **Prerequisite: College Algebra or Algebra II. Students are recommended to have earned a C or better in either class.**

Pre-Calculus (dual credit) #11181
 Grades: 11,12 1 credit

Description: Pre-Calculus is a general preparatory course for college level mathematics. It involves the study of advanced algebraic and trigonometric functions and data analysis integrating the ideas of regression models. Other topics include the study of limits, polar coordinates, parametric graphing, vectors, conics, and sequences and series. It is a good general review of all former concepts studied in mathematics. **Registration for college credits may be available. Prerequisite: Trigonometry (recommended to have earned a C or better) or concurrently enrolled in Trigonometry.**

AP Calculus (dual credit) #11581
 Grades: 12 1 credit

Description: AP Calculus is an in-depth study of differentiation and integration. It will cover a review of the Cartesian plane and functions, limits and their properties, differentiation, application of differentiation and integration. **Registration for college credits may be available. Prerequisite: Pre-Calculus. Students are recommended to have earned a C or better in Pre-Calculus.**

Consumer Math #11145
 Grades: 12 1 credit

Description: Consumer Math is a study of essential mathematics for everyday living. It is a review of basic skills as well as fundamentals of consumer mathematics, business mathematics, and technical mathematics including some algebra. Consumer Math involves such activities as balancing a checkbook, working with insurances, calculating interest, and working with income taxes.

MUSIC

Electives	Grade
12051 Beginning Band	9,10,11,12
12051 Concert Band	9
12040 Concert Choir	9
12040 DHS A Capella Choir	9,10,11,12
12058 Drumline (Percussion Class)	9,10,11,12
12058 Garage Band	10,11,12
12058 Jazz Band	9,10,11,12
12020 Music Appreciation	9,10,11,12
12051 Symphonic Band	11,12
12040 Symphonic Choir	11,12
12040 Women's Choir	9,10,11,12

NOTE: Concert Band and Concert Choir will be offered during the same block of time. Symphonic Choir and Symphonic Band will be offered during the same block of time. Students wishing to take one credit of each may do so with the schedule mutually worked out by the directors. All other students will receive two credits in either band or choir.

Beginning Band #12051
 Grades: 9,10,11,12 ½ credit

Description: This class is designed for students who have little or no experience in band and would like to join high school band OR for students who are currently in band but would like to learn a new instrument. The expectation for beginning band is that the student would be proficient by the end of the semester and ready to join either Concert or Symphonic Band. Students will need to contact the band director to discuss instrument rental options. Instrument choices include: flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, euphonium/baritone, trombone, tuba, percussion.
****Guitar, bass guitar, and piano are NOT Concert Band instruments.**

Concert Band #12051
 Grades: 9 2 credits

Description: Concert Band members will continue to develop their skills on their specific instruments, as well as deepen their understanding of reading music while playing different styles and genres of band music.

Mandatory Performances: Concerts (4 per year, scheduled 1 per quarter), graduation, parades, and Pep Band

Optional musical opportunities: MSU, DSU, UND, and All-State Music Festivals, WDA Regional Festival, Jazz Band

Concert Attire: All black dress clothes or black dress pants and a white dress shirt, and black dress shoes.

Prerequisite: 2-3 years of previous band experience is required.

****Guitar, bass guitar, and piano are NOT Concert Band instruments. See Garage Band or Jazz Band for those instruments.**

voices, elements of sight-reading, listening, and general musicianship. Opportunities to perform include formal concerts and community appearances, caroling, singing the national anthem, and singing with the DDS children's choir. Public and classroom performance is required.

This class will be in the fall semester.

Mandatory Performances: 3 concerts in the fall, 1 day of caroling in December

Optional musical opportunities: MSU, DSU, UND and All-State Music Festivals, WDA Regional Festival, Swing Choir

Concert Attire: Girls—Black choir gown and white pearls provided by the school. *Student needs to have black dress shoes. **Boys**—Black tux coat and tie provided by the school. *Student

needs to provide a white button up shirt, black dress pants, and black dress shoes. **Prerequisite: Student will audition with Mrs. Olson. Audition materials are available to pick up in the choir room January 1. Must be enrolled in concert or symphonic choir.**

Concert Choir

Grades: 9

Description:

The Concert Choir member will experience a wide variety of music written for three- and four-part mixed voices, elements of sight-reading, listening, and general musicianship. Opportunities to perform include formal concerts and community appearances. Public and classroom performance is required.

Mandatory Performances: Concerts (4 each year, scheduled 1 per quarter)

Optional musical opportunities: MSU, DSU, UND and All-State Music Festivals, WDA Regional Festival, A Capella Choir

Concert Attire: Girls—Black choir gown and white pearls provided by the school. *Student needs to have black dress shoes. **Boys**—Black tux coat and tie provided by the school. *Student needs to provide a white button up shirt, black dress pants, and black dress shoes. **Prerequisite: A choral or band background is recommended, but not required.**

#12040

2 credits

Drumline (percussion class)

Grades: 9,10,11,12

Description:

Drumline students will develop performance and reading skills with performances at parades and ball games, depending on schedule. If you have a high energy level or love the sound of a good drumline or drum ensemble and working together as a team, this class is for you! Students will have the opportunity to play snare drum, bass drum, cymbals, quad toms, and other percussion equipment.

Prerequisite: A musical background of 1-3 years of band is recommended but not required. Students must be willing to learn to read music. Concert attendance is mandatory.

#12058

½ credit

DHS A Cappella Choir

Grades: 9,10,11,12

Description:

This is an advanced choir class where students must audition by January 19th to be considered as part of this ensemble. In this class, students will sing a variety of unaccompanied choral music. Students in this ensemble will have additional performance opportunities outside of the regularly scheduled choir concerts. The choir members will experience a wide variety of music written for four part mixed

#12040

1/2 credit

Garage Band

Grades: 10,11,12

Description:

Garage Band is designed for students who have an interest in being in a rock band, pop band, or country band. Students will work with each other to re-master old songs, put their own spin on present songs, or write their own music! Interested students should have experience in one or more of the following instruments: piano, guitar

#12058

½ credit

(acoustic or electric), bass guitar, trap-set (drum set). Singers need to be able to play one of the above instruments. Students may need to audition for the teacher to check ability level. Performance opportunities will vary, but the **concert at the end of the semester is mandatory.**

Jazz Band

#12058

Grades: 9,10,11,12

½ credit

Description:

Students will play a variety of jazz, swing, and stage band music ranging from the 1940s to the present. Students will be required to perform in one or two concerts, depending on the schedule. Instrumentation for jazz bands is very specific, so students must play one of the following instruments: saxophone (alto, tenor, or baritone), trumpet, trombone, piano, bass guitar, or drums (trap-set). **Corequisite: Must be concurrently enrolled in either Concert Band or Symphonic Band. Concert attendance is mandatory.**

Music Appreciation

#12020

Grades: 9,10,11,12

½ credit

Description:

This course is designed to help students develop a greater appreciation of music and recognize the role that music plays in their lives and our world today. Topics that will be covered will be basic music reading and listening skills, basic aural skills, musical terminology, music history (Western and American), various musical genres, listening to and analyzing music, audience etiquette, the process of learning and performing instruments, and more.

Symphonic Band

#12051

Grades: 11,12

2 credits

Description:

Symphonic Band members will build on the skills and knowledge developed in Concert Band and will advance their techniques and understanding in preparation for collegiate ensembles, a possible career in music, but above all to be lifelong musicians.

Mandatory Performances: Concerts (4 per year, scheduled 1 per quarter), graduation, parades, and Pep Band

Optional musical opportunities: MSU, DSU, UND, and All-State Music

Festivals, WDA Regional Festival, Jazz Band

Concert Attire: All black dress clothes or black dress pants and a white dress shirt, and black dress shoes.

Prerequisite: 2-3 years of previous band experience is required.

****Guitar, bass guitar, and piano are NOT Symphonic Band instruments. See Garage Band for those instruments.**

Symphonic Choir

#12040

Grades: 11,12

2 credits

Description:

The Symphonic Choir member will experience a wide variety of music written for three- and four-part mixed voices, elements of sight-reading, listening, and general musicianship. Opportunities to perform include formal concerts and community appearances. Public and classroom performance is required.

Mandatory Performances: Concerts (4 each year, scheduled 1 per quarter)

Optional musical opportunities: MSU, DSU, UND and All-State Music Festivals, WDA Regional Festival, A Capella Choir

Concert Attire: Girls—Black choir gown and white pearls provided by the school. *Student needs to have black dress shoes. **Boys**—Black tux coat and tie provided by the school. *Student needs to provide a white button up shirt, black dress pants, and black dress shoes. **Prerequisite: A choral or band background is recommended, but not required.**

Women's Choir

#12040

Grades: 9,10,11,12

1 credit

Description:

The Women's Choir (Treble Clef Choir) member will experience a wide variety of music written for two-, three-, and four-part voicing for soprano and alto voices. Opportunities to perform include formal concerts and community appearances. Public and classroom performance is required.

Mandatory Performances: Concerts (4 each year, scheduled 1 per quarter)

Optional musical opportunities: MSU, DSU, UND and All-State Music Festivals, WDA Regional Festival, A Capella Choir

Concert Attire: Girls—Black choir gown and white pearls provided by the school. *Student needs to have black dress shoes.

Prerequisite: A choral or band background is recommended, but not required.

PHYSICAL EDUCATION

Students are encouraged to take a variety of classes to learn skills that they will be able to use for a lifetime. Physical Education stresses lifetime sports and participation. Tennis shoes will be required. Changing and locker room use will be required for all weights classes. School dress code is still in effect for PE classes. All students will be expected to be active, safe, and respectful while participating in physical activities.

Required Courses

Required Courses	Grade
08030 Phys Ed 9 th Grade	9

Phys Ed 9th Grade #08030
Grades: 9 ½ credit

Description: A CPR unit will be taught. Activities involving team sports of a highly active nature with strong emphasis on physical fitness will be stressed. Included are activities such as badminton, football, kickball, softball, volleyball, basketball, and other activities as appropriate. There may be a fee of approximately \$10.00 to cover the cost of certain activities such as ice skating, bowling, or going to the WRCC. Tennis shoes will be required. Changing and locker room use will be optional. School dress code is still in effect for PE classes. All students will be expected to be active, safe, and respectful while participating in physical activities.

Electives

Electives	Grades
08044 Aerobics	9,10,11,12
08043 Lifetime Sports	10,11,12
08040 Power Weights	9,10,11,12
08040 Weights & Phys Conditioning	9,10,11,12

Aerobics #08044
Grades: 9,10,11,12 ½ credit

Description: This course is designed for cardiovascular fitness and exercise. Aerobic exercise will be done every day. There may be a fee of approximately \$10.00 to cover the cost of certain activities such as ice skating, bowling, or going to the WRCC. **Note: Aerobics may be taken multiple times at DHS.**

Lifetime Sports #08043
Grades: 10,11,12 ½ credit

Description: This class will emphasize lifetime activities such as ice skating, bowling, or going to the WRCC. Included are activities such as pickle ball, eclipse ball, softball, basketball, volleyball, soccer, badminton, football, yard games, and other activities as appropriate. The class may require approximately \$20.00 in costs to cover activities.

Power Weights #08040
Grades: 9,10,11,12 1 credit

Description: This course is mandatory for all athletes grades 9-12. This course provides the most comprehensive holistic programming that integrates the latest technology and scientific research combined with expert coaching to improve mobility, strength, speed, agility, explosive power, and injury prevention. Power Weights will replace all power lifting for athletes before and after school. Grades 10-12 will take this course all year for a full credit. **Grade 9 will take 1 semester of Power Weights and 1 semester of PE 9 for their credit.**

Weights & Physical Conditioning #08040
Grades: 9,10,11,12 ½ credit

Description: This class requires a high level of vigorous physical participation. Emphasis will be on physical strengthening, cardiovascular fitness, basic muscle anatomy, and the physiological effects on the body. Some form of lifting and conditioning will be done every day. There may be a fee of approximately \$10.00 to cover the cost of certain activities or going to the WRCC. **Note: Weights & Phys Cond may be taken multiple times at DHS.**

SCIENCE

All students in Grade 9 must enroll in Phys Sci A and B or Advanced Phys Sci A and B. Students in Grade 10 must register for Bio A and B or Adv Bio A and B. With a teacher recommendation, Grade 9 students can register for Adv Bio A and B. If they choose this route, they MUST take Chemistry and Physics (grades 10 & 11) OR Advanced Physical Science A and B during summer school. This accelerated pathway is intended for

students who have been successful in previous years of science and are interested in pursuing upper-level sciences.

Pathway	Gr 9	Gr 10	Gr 11	Gr 12
Normal	Phys. Sci OR Ad Phys Sci	Biology OR Adv. Biology	3 rd elective during Gr 11 or 12	(See electives listed below)
Fast Track	Advanced Biology	Chemistry (required) Optional electives: Env Sci Geology Active Chem	Physics (required Gr 11 or 12) Optional Electives: AP Bio AP Chem Human Anatomy	Optional electives: AP Bio AP Chem Human Anatomy

Required Courses	Grades
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Choice 1 OR

13030 Physical Science A 9
13030 Physical Science B 9

Choice 2

13030 Advanced Physical Science A 9
13030 Advanced Physical Science B 9

Choice 1 OR

13020 Biology A 10
13020 Biology B 10

Choice 2

13020 Advanced Biology A 9,10
13020 Advanced Biology B 9,10

Advanced Biology A #13020

Grades: 9,10 ½ credit

Description: This is an accelerated course in biology covering the diversity and adaptation in the biosphere and functioning organisms. Topics include the web of life, matter and energy in the web of life, ordering of life, prokaryotes, eukaryotes, food and energy, maintenance of internal environment, and evolution. Advanced Biology A is recommended, but not required, for students who plan to take AP Biology. **Prerequisite: Teacher recommendation from Science Department.**

Advanced Biology B #13020

Grades: 9,10 ½ credit

Description: This is an accelerated course in biology covering the world of life and continuity of life. Topics include the cell, continuity through reproduction and development, heredity, genetic variation, and biomolecules. Advanced Biology B is

recommended, but not required, for students who plan to take AP Biology. **Prerequisite: Teacher recommendation from Science Department.**

Advanced Physical Science A #13030

Grades: 9 ½ credit

Description: This is a course of discussion, problems, and experiments in the basic concepts of chemistry. Students will need a calculator. **Prerequisite: Teacher recommendation from middle school Science Department.**

Advanced Physical Science B #13030

Grades: 9 ½ credit

Description: This is a course of discussion, problems, and experiments in the basic concepts of physics. Students will need a calculator. **Prerequisite: Teacher recommendation from middle school Science Department.**

Biology A #13020

Grades: 10 ½ credit

Description: Biology A covers the diversity and adaptation in the biosphere and functioning organisms. Topics include the web of life, matter and energy in the web of life, ordering of life, prokaryotes, eukaryotes, food and energy, maintenance of internal environment, and evolution.

Biology B #13020

Grades: 10 ½ credit

Description: Biology B covers world of life and continuity of life. Topics include the cell, continuity through reproduction and development, heredity, genetic variation, and biomolecules.

Physical Science A #13030

Grades: 9 ½ credit

Description: This is a course of discussion, problems, and experiments in the basic concepts of chemistry. Students will need a calculator.

Physical Science B #13030

Grades: 9 ½ credit

Description: This is a course of discussion, problems, and experiments in the basic concepts of physics. Students will need a calculator.

Electives	Grades
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13034 Active Chemistry	11,12
13580 AP Biology (dual credit)	11,12
13581 AP Chemistry (dual credit)	11,12
13031 Chemistry	10,11,12
13110 Environmental Science	10,11,12
13036 Forensic Science	11,12
<i>Alternate option only for grade 10</i>	
13062 Geology	10,11,12
13021 Human Anatomy (dual credit)	11,12
13042 Physics	11,12
13150 STEM Seminar	9,10,11,12

Active Chemistry #13034

Grades: 11,12 1/2 credit

Description: A conceptual approach to learning chemistry with an emphasis on the understanding of chemistry concepts. One of the main goals is to help students visualize chemistry in a different way without the math background through the use of labs.
Prerequisite: Physical Science A and B.

AP Biology (dual credit) #13580

Grades: 11,12 1 credit

Description: This college-level course aims to provide students with the conceptual framework for modern biology. Advanced topics covered will include heredity, molecular genetics, evolutionary biology, diversity of organisms, ecology, and the structure and function of plants and animals. The 12 required AP Biology labs and all content required by the AP College Board will be covered. **Registration for college credits may be available.**
Prerequisite: Advanced Biology A or B or recommendation from the Science Department.

AP Chemistry (dual credit) #13581

Grades: 11,12 1 credit

Description: This advanced college-level chemistry course is a review of and an expansion of general chemistry. In addition, a study of organic chemistry (hydrocarbon compounds and their characteristics) will be studied. The course will involve laboratory work and a considerable amount of mathematics. Students will need a scientific calculator. **Registration for college credits may be available. Prerequisite: C or better in Chemistry.**

Chemistry #13031

Grades: 10,11,12 1 credit

Description: This course will introduce the modern concepts of atomic structure, the periodic table and the interactions that occur in chemical reactions. There is a considerable emphasis on mathematics in this course, and much time is devoted to problem solving, using chemical equations, and laboratory investigations. Students will need a scientific calculator.

Environmental Science #13110

Grades: 10,11,12 1/2 credit

Description: Through readings and explorations, students learn how science serves to further our understanding of the environment. At the same time, a variety of features provide students with insights into various environmental issues that stem from human activities such as global warming, acid rain, ozone depletion, and basic earth science principles, climate, and geological hazards.

Forensic Science #13036

Grades: 11,12 1/2 credit

Alternate option only for grade 10
Description: This course provides an introduction to the field of forensic science. Study will include the applications of concepts from the areas of biology, chemistry, and other science disciplines. Students will analyze and investigate evidence that may be discovered in a criminal investigation. Various aspects of the biotechnology field will also be explored. Classroom activities will include experiments, case studies, projects, and the incorporation of technology.

Geology #13062

Grades: 10,11,12 1/2 credit

Description: Geology will be broken into four areas: the physical aspects of geology, the study of rocks, the historical ages of earth, and the basic study of maps.

Human Anatomy (dual credit) #13021

Grades: 11,12 1 credit

Description: This course prepares students for a college anatomy class. It will consist of the study of the structure and functions of various parts and systems of the human body. It is an excellent subject

for those students interested in nursing, coaching, and various medical fields. It is a lab-oriented course.

Prerequisite: C or better in Biology.

Physics

#13042

Grades: 11,12

1 credit

Description:

This is a one-credit course in physics focusing on the study of motion and its causes, impulse-momentum theory, and wave phenomena (i.e. light and sound). The course regularly uses mathematics and the principles of engineering. Students will think critically in a lab setting and regularly apply math concepts. Students will need a scientific calculator.

Prerequisite: C or better in most recent math class.

STEM Seminar

#13150

Grades: 9,10,11,12

½ credit

Description:

STEM Seminar provides students with a project-based, hands-on experience with Science, Technology, Engineering, and Math. The course demonstrates the blurring of content areas when solving authentic problems. It focuses on engaging students in hands-on interdisciplinary application of the Engineering Design Process. In this course, students uncover and acquire a cohesive set of concepts, competencies, and dispositions of science, technology, engineering, and mathematics that they transfer and apply in both academic and real-world contexts in order to be globally competitive in the 21st Century. It utilizes state standards and technical skills, and develops 21st Century Skills such as communication, networking, collaboration, decision-making, creativity, and critical thinking.

SOCIAL STUDIES

Any student graduating from Dickinson High School must have a minimum of three social studies credits.

Required Courses

Grade

15111 Advanced American Government	12
15111 American Government	12
15111 American Gov (Careers in Government)	12
15581 AP Economics	12

15585 AP US History (dual credit)	11
15060 Economics	12
15089 Honors World History (dual credit)	10
15085 US History	11
15089 World History	10
15089 World History (advanced project-based)	10

All graduating seniors must pass the civics test with at least a 70% to be eligible for graduation. This is per 15.1-21 of the North Dakota Century Code.

Advanced American Government

#15111

Grades: 12

½ credit

Description:

Advanced American Government is an introductory course focusing on the fundamentals of American government and its political systems. Students will study the history, functions, structure, and powers of the federal, state, and local governments within the U.S. system of democracy.

American Government

#15111

Grades: 12

½ credit

Description:

The basic roots of democracy will be introduced in this course. Colonial governments and the formation of the Declaration of Independence, the Constitution, and the Bill of Rights will be a primary focus. In addition, the three branches of both the federal and state governments will be stressed. A unit on local government will also be part of the class.

American Gov (Careers in Government)

#15111

Grades: 12

½ credit

Description:

This is an introductory course focusing on the fundamentals of the American Government. Along with classroom work (much of which will need to be done outside class hours) this course will include exposure to city, state, and county government. Students will study the history, functions, structure, and powers of the federal, state, and local governments within the U.S. system of democracy through traditional learning methods as well as spending time working in the community. They will be placed with community professionals such as city government officials, police, fire, etc., and learn firsthand what it takes to run a community. Through this

experience, students will gain insight into how government and community work. Students may be required to spend time outside of instructional hours to work with their professionals or attend meetings and other community events. This course will provide students with a unique opportunity to explore career opportunities related to government and other public service careers and build networks outside of Dickinson High school. ***This class fulfills the American Government requirement.***

AP Economics

#15581

Grades: 12

1 credit

Description:

This course involves the study of microeconomics. The units of study include economic scarcity, the law of supply and demand, the business firm, business firm resource allocation, taxation and government spending, personal finance, as well as other microeconomic topics. ***This course satisfies the requirement for the Economics #15060 Course. Students who take AP Economics will still be required to take American Government.***

AP US History (dual credit)

#15585

Grades: 11

1 credit

Description:

This is a rigorous study of the entire history of the United States and is offered for college credit in either the dual credit system or through the AP exam. It will start with the history of the natives living in America before the voyage of Columbus and will end with the recent history of our country. In order to succeed, you will need to prepare yourself to manage a challenging and demanding workload that is far and above what you would receive in a more traditional history course, and much of the learning and work will take place on your own outside of class. However, after taking this course, you will not only have a deeper understanding and appreciation of America, you will also learn to think, read, analyze, and write at the highest levels. The academic skills, habits, and organization you gain and develop during this course will give you an edge in college and throughout life. ***Registration for college credits may be available.***

Economics

#15060

Grades: 12

½ credit

Description:

This course is a study of the American Economy as well as other economic systems used around the world. The course has a primary microeconomic focus. However, some macroeconomic issues will be covered. Included in the course are topics related to comparative economies, taxation, the stock market, economic performance measurement, and banking. A special effort to cover personal finance will be made.

Honors World History (dual credit)

#15089

Grades: 10

½ credit

Description:

This honors level class will take an in-depth view of the history of our world since the enlightenment. Emphasis will be placed on interactions between cultures that have led to cultural diffusion and conflict. Units of study will include Enlightenment and its effects on world revolutions through the 18th and 19th Century, the Industrial Revolution and its impact on our world today, and the rise and fall of communism and its residual effects today. The conflicts in the Middle East and Africa will be studied so students understand how cultural differences can lead to conflict and genocide. Finally, each student will evaluate our world today and their future roles in our world as a global neighborhood. ***Registration for college credits may be available. Prerequisite: Recommendation from teacher.***

US History

#15085

Grades: 11

1 credit

Description:

An in-depth study of the relevant events and people from the Post Civil War period to the present. The course brings to the student America's rich past and emphasizes the impact of events in America on the present world.

World History

#15089

Grades: 10

½ credit

Description:

A comprehensive study of history from the dawn of modern history to today. Topics to include the Renaissance, the Reformation, the Enlightenment, exploration, revolutions, World War I, and current topics. Emphasis will be on

the interaction between cultures, interaction with artifacts, and how the world is a continually changing place.

World History (advanced project-based) #15089

Grades: 10 ½ credit

Description: A comprehensive study of history from the dawn of modern history to today. This class includes all the topics of World History, but knowledge will be acquired through the study of lessons that incorporate concepts of project-based learning. **Not offered for dual credit.**

Electives	Grades
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15120 Advanced Psychology (dual credit)	11,12
15120 Basic Psychology	10,11,12
15201 Current Issues	9,10,11,12
15050 Everyday Millionaire (self-paced)	9,10
15118 Law & Justice	11,12
15085 A Nation Born: Early US History	9,10,11,12
15401 North Dakota History (self-paced)	9,10
15089 The Rise and Fall of Empires	9,10
15130 Sociology	10,11,12
15089 World At War	10,11,12
15070 World Geography	9,10,11,12

Advanced Psychology (dual credit) #15120

Grades: 11,12 ½ credit

Description: This is a course in psychology that deals with the development, personalities, and health issues of psychology. The course examines infancy, childhood, adolescence, adulthood, motivation, emotion, personalities, tests, gender, stress, health, psychological disorders, and therapy. **Registration for college credits may be available. Prerequisite: Basic Psychology.**

Basic Psychology #15120

Grades: 10,11,12 ½ credit

Description: This is a course in psychology that introduces the student to the basic principles of psychology. The course examines the beginning of psychology, methods, biology, behavior, sensation, perception, consciousness, learning, memory, thinking, language, and intelligence.

Current Issues

#15201

Grades: 9,10,11,12

½ credit

Description: This course is designed to help students become aware of and understand the events that shape our world, nation, state, and local area. This will be done through reading, video, lecture, discussion, research, and personal experience. This class will incorporate the Close-Up curriculum and resources like CNN10 to understand what is going on in the world around us.

Everyday Millionaire (self-paced) #15050

Grades: 9,10 ½ credit

Description: Students will learn and understand how to manage money and build wealth in order to set themselves up for successful financial futures. We will do this by examining all of the major topics in personal finance including saving, borrowing, investing, giving, taxes, insurance, and budgeting. Diving into careers, potential earnings, and becoming choice-ready will be focused on as well.

Law & Justice #15118

Grades: 11,12 ½ credit

Description: This course is an attempt to provide the student with an understanding and appreciation of law as it relates to the criminal justice system. Emphasis is also placed on family, consumer, and housing law in our legal system. Much of the material is of a general nature, but an effort is made to relate, when possible, to North Dakota law.

A Nation Born: Early US History #15085

Grades: 9,10,11,12 ½ credit

Description: A comprehensive study of the relevant events and people pre-United States to the Progressive Era. Topics will include colonization, Manifest Destiny, the Civil War, the Gilded Age, and the Progressive Era. Emphasis will be the rise of the US, the evolution of technology and navigation, and the impact on various groups of people.

North Dakota History (self-paced) #15401

Grades: 9,10 ½ credit

Description: Students will dive deep into the unique history of our state as well as connect it to their lives today. Topics that will be

focused on include famous North Dakotans, American Indian history and its use in sports mascots, Dakota Territory, the North Dakota economy, and why people have decided to live in North Dakota.

The Rise and Fall of Empires #15089

Grades: 9,10 ½ credit

Description: A comprehensive study of history from the dawn of mankind to the Middle Ages. Topics will include ancient Egypt, Greece, the Roman Empire, and the Dark Ages. Emphasis will be on the rise of civilizations, the evolution of technology and navigation, the development of means of communication, the importance of agriculture, the rise and fall of empires, and the emergence of intellectual thought and local and world religions.

Sociology #15130

Grades: 10,11,12 ½ credit

Description: This is a course in sociology that deals with groups rather than the individual in society. The course examines sociological perspectives, research methods, culture and social structures, socialization, and organizations throughout society.

World At War #15089

Grades: 10,11,12 ½ credit

Description: An in-depth study of both World Wars, the greatest armed conflicts in human history. Topics will include imperialism, the rise of dictatorships, geographical changes, and globalization. Emphasis will be on the development of new technology, cause and effect, ethics, empire, and social history.

World Geography #15070

Grades: 9,10,11,12 ½ credit

Description: World Geography is an overview of physical and cultural geography explaining the relationship of people and their environments. The course will make students aware of the world around them.

TRADES

Electives	Grades
17130 Architecture & Engineering I	9,10,11,12
17131 Architecture & Engineering II	10,11,12
17038 Automotive General Service Tech I	10,11,12
17039 Automotive General Service Tech II	11,12
01043 Basic Mechanics	9,10
17100 Construction Tech I	10,11,12
17117 Construction Tech II	11,12
17105 Design and Build	9,10
17040 Diesel Technology I	10,11,12
17041 Diesel Technology II	10,11,12
17200 Heavy Equipment Operation I	11,12
17201 Heavy Equipment Operation II	11,12
17130 Interior Design	9,10,11,12
17045 Intro to Commercial Driving License (CDL)	12
17236 Welding I	10,11,12
17237 Welding II	11,12
Work Based Learning	11,12

Architecture & Engineering I #17130

Grades: 9,10,11,12 1 credit

Description: **FORMERLY DRAFTING** The student will use CAD (Computer Aided Drafting) to complete drawings used in different fields of drafting. The student will develop a proficiency in CAD commands and their applications. The student will utilize various software programs and work in 2D and 3D formats. SkillsUSA membership is encouraged.

Architecture & Engineering II #17131

Grades: 10,11,12 2 credits

Description: **FORMERLY ADVANCED DRAFTING** The student will use advanced CAD (Computer Aided Drafting) skills while working independently on a variety of projects. Project Management will be explored and job shadows will be encouraged. Presentation skills will also be emphasized. The student will use their knowledge to research and produce drawing packages in different fields of drafting. SkillsUSA membership is expected. **Prerequisite: Architecture & Engineering I (formerly Drafting).**

Automotive General Service Tech I 17038

Grades: 10,11,12 1 credit

Description: The General Service Technology program begins with an orientation to the eight areas of NATEF standardized

programming – engine repair, automatic transmissions, manual drive, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, and engine performance. **Prerequisite: Basic Mechanics. This is a sequential course and is a prerequisite to Automotive General Service Tech II.**

practical application is included.
Prerequisite: Construction Tech I.

Automotive General Service Tech II #17039
Grades: 11,12 2 credits

Description: The second year General Service Technology program consists of continuing orientation to engine repair, automatic transmissions, manual drive, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, and engine performance. Students must complete the Electrical/Electronic Systems standard to pass the course. Automotive General Service Technology is a preparatory program to enter college Automotive Technology.
Prerequisite: Automotive Technology I.

Basic Mechanics #01043
Grades: 9,10 ½ credit

Description: This course will provide you with the foundational knowledge and skills in welding and small engines. Students will learn to identify commonly used hand tools, proper safety and operation of mig and arc welding and torch-cutting equipment, and about motors, fluids, and general maintenance. **For freshmen and sophomores, this will be the prerequisite to enter the welding, automotive, and/or diesel technology programs.**

Construction Tech I #17100
Grades: 10,11,12 1 credit

Description: Students will learn about materials of the construction industry including lumber and manufactured products. Students will build a project or projects that will allow them to improve their tool and woodworking skills.

Construction Tech II 17117
Grades: 11,12 2 credits

Description: This course is designed to teach the use of woodworking machines and hand tools necessary for the construction of a residential dwelling. Classroom instruction as well as

Design and Build #17105
Grades: 9,10 ½ credit

Description: In this class, students will learn how to design and build various wood projects and be exposed to the opportunities available in the architecture and construction industry. They will gain an understating of the processes involved in construction projects including safety, tool operation and selection. **For freshmen and sophomores, this will be the prerequisite to enter the Construction Tech class series.**

Diesel Technology I #17040
Grades: 10,11,12 1 credit

Description: This course allows students to experience a variety of heavy diesel and heavy equipment practices. Students will explore the field of diesel repair and will learn the basics of safety, equipment identification, and the use of hand and power tools in the lab setting. Students will learn about careers within the diesel industry.
Prerequisite: Basic Mechanics.

Diesel Technology II #17041
Grades: 11,12 2 credits

Description: This course is a continuation of Diesel Technology I. Students will learn advanced diesel concepts in fuel systems, steering and suspension, service and repair of electrical and electronic controls and systems, engines, drive trains, hydraulics, and brake systems. **Prerequisite: Diesel Technology I.**

Heavy Equipment Operation I #17200
Grades: 11,12 1 credit

Description: This course provides students with an introduction to the basic equipment used in the construction industry. Students will learn concepts of safety, maintenance, mathematics, and communication that Operating Engineers may experience. In addition, they will learn about basic equipment operations and job responsibilities.
Offered fall semester.

introduced. SkillsUSA membership is expected. **Prerequisite: Welding I.**

Heavy Equipment Operation II #17201

Grades: 11,12

1 credit

Description: Students will be introduced to and operate core equipment used by operators in the construction industry, as well as their maintenance needs. Communication processes used by operators, rigging and signaling practices, safety awareness, and mathematical concepts related to the construction industry are also covered. **Offered spring semester. Prerequisite: Heavy Equipment I.**

Interior Design #17130

Grades: 9,10,11,12

½ credit

Description: The student will use manual drafting techniques as well as CAD (Computer Aided Drafting) to create 2D, 3D, and perspective presentation drawings. The student will utilize online vendors as well as local industry to create project design boards. Presentation skills will also be emphasized. SkillsUSA membership is encouraged.

Intro to Commercial Driving License #17045

Grades: 12

1 credit

Description: The focus of this class is to give the students an understanding and skills to obtain a CDL certification. Students will start with the basics and move up to the finer points of the trade. Driving will start in a simulated environment and progress to real-world experience. **Students must possess a valid driver's license to take this course.**

Welding I #17236

Grades: 10,11,12

1 credit

Description: This welding class will cover safety, arc, wire, and oxy-acetylene welding and cutting. Students interested in the fields of automotive, machine, welding, refrigeration, and engineering will find the class helpful in college and the work force. **Prerequisite: Basic Mechanics.**

Welding II #17237

Grades: 11,12

2 credits

Description: This course will cover all types of welding, such as stick welding, oxy-acetylene welding, TIG welding, and MIG welding in all positions. Students will complete some projects. Blueprint reading and weld symbols are

Work Based Learning

Grades: 11,12

1-4 credits

Description: This course gives students the unique opportunity to jump into the “world of work” with companies and organizations within the community. This is an extension of the classroom into a workplace setting, giving students on-the-job work experience. Students must apply using the work based learning application to be admitted to the course. **Deadline to apply: March 15, 2024 for Fall Semester placement; October 1, 2024 for Spring Semester placement.**

WORLD LANGUAGES

Electives	Grades
06281 French I	9,10,11,12
06282 French II	10,11,12
06283 French III	11,12
06211 Spanish I	9,10,11,12
06212 Spanish II	9,10,11,12
06213 Spanish III	11,12
06214 Spanish IV	12

*French will be offered depending upon the availability of an instructor.

French I * #06281

Grades: 9,10,11,12

1 credit

Description: The course is an introduction to the French culture and language as it is spoken and written today. Emphasis is on learning vocabulary basic to communication. Students also will learn about French history from the middle ages through the French Revolution.

French II* #06282

Grades: 10,11,12

1 credit

Description: This class builds upon the vocabulary and grammar in French I. By the end of the course, students should be able to communicate basic needs in a French speaking country. Students also will learn the history of France from the 1800s to the present. **Prerequisite: French I.**

French III* #06283
Grades: 11,12 1 credit
Description: This class continues to build on the foundation built in French II. Students also will read French literature including *Le Petit Prince* and *L' Etranger*. There will be an in-depth research project of the French Regions where students will explore the culture of each particular region. **Prerequisites: French II.**

Spanish I #06211
Grades: 9,10,11,12 1 credit
Description: This course explores basic spoken and written expression in the Spanish language while becoming familiar with frequently used structures and vocabulary. In this course, students acquire Spanish by listening to understand, reading, writing, and speaking in Spanish. Students explore and compare customs, celebrations, and other elements of Spanish culture. The course will be taught with input as the primary focus. Students will acquire the language by listening and reading to support their eventual output of writing and speaking. Focus on **basic** conversation, vocabulary, grammar, and verb acquisition.

Spanish II #06212
Grades: 10,11,12 1 credit
Description: The emphasis in this class is on developing better skills of communication and review previously learned concepts. They will become more proficient in the areas of listening, speaking, reading, and writing. By the end of the year, students should be able to communicate more comfortably in the present and past tense in Spanish. The course will be taught with input as the primary focus. Students will acquire the language by listening and reading to support their eventual output of writing and speaking.
Prerequisite: C or better in Spanish I.

Spanish III #06213
Grades: 11,12 1 credit
Description: Spanish III will be a continuation in the development of communicative proficiency in listening, reading, speaking, and writing. The course will be taught with input as the primary focus. Students will acquire the

language by listening and reading to support their eventual output of writing and speaking. Students will expand on Spanish vocabulary and grammar structures. ****Course may be taught in combination with Spanish IV.**
Prerequisite: C or better in Spanish II.

Spanish IV #06214
Grades: 12 1 credit
Description:

Spanish IV will broaden the student's experience with the language. Class will be conducted mainly in Spanish, with English used for clarification of difficult concepts and grammar. The course will be taught with input as the primary focus. Students will acquire the language by listening and reading to support their eventual output of writing and speaking. Students will be expected to write compositions for each unit, to complete speaking tests, and to communicate daily through dialogues and activities in Spanish. Students may also have the opportunity to develop their speaking skills by talking with native speakers during the course.
****Course may be taught in combination with Spanish III.**
Prerequisite: C or better in Spanish II.

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