

MCCLUSKY HIGH SCHOOL COURSES & DESCRIPTIONS

Registration for next year's courses is a very important task. It's important for your future to have an idea of what your goals are, and how your choice of high school courses will help you meet those goals. It is important for students to have the opportunity to experience as many sound alternatives in life as possible while emphasizing the basic required classes. The curriculum at MHS is designed to reflect this idea.

Some guidelines to follow:

- Choose classes based on what's best for your future.
- Take into consideration what your career choice may be, as well as what college requirements are for any program you may be interested in.
- Visit with the guidance counselor if you have questions.
- Go over the registration sheet and the course descriptions with your parents.

It is important that parents take a serious look at the courses that have been selected by their child. It is the responsibility of the child, parents, and school to see that the student has made a proper selection. With the help of parents, the schools can provide all children with a better schedule.

REQUIRED COURSES:

It shall be the policy of the McClusky School Board that students in grades seven through twelve shall be enrolled in courses offered and taught by McClusky School staff. Sophomore, Junior and Senior students may enroll in dual credit courses offered through the North Dakota University System provided the student meets the college course registration and grade point average requirements.

Dual credit English courses including English Composition 110 and 120 may be taken in lieu of English IV taught at McClusky High School.

The McClusky School District will not accept Public Speaking/Speech in lieu of a required English credit at McClusky High School. Public Speaking/Speech will be considered an elective course at McClusky High School.

Dual credit courses are available after meeting the graduation requirements set forth by the McClusky School Board in areas such as mathematics, computer science, history, etc.

SEVENTH: English, Math, Science, Physical Education/Health, Music, Ag Ed, Social Studies, Keyboarding, STEM, and Life Skills

EIGHTH: English, Math, Science, Physical Education/Health, Music, Ag Ed, Social Studies, STEM, Art, and Spanish

FRESHMEN: English I, Physical Science, Math, Physical Education/Health, Ag Ed, and Computer Fundamentals

SOPHOMORES: English II, World History, Biology, Math, and Ag Ed

JUNIORS: English III, US History, Math, Personal Finance, and Science

SENIORS: English IV and POD

ELECTIVE COURSES:

FRESHMEN: Band, Choir, Social Studies, and Business Education

SOPHOMORES: Band, Choir, Geometry, and Business Education

JUNIORS: Consumer Math, Choir, Band, Advanced Ag Mechanics, Psychology, Sociology, Anatomy, Algebra II, Ag Ed Leadership, Horticulture, Business Education, and Chemistry

SENIORS: Choir, Band, Consumer Math, Ag Ed Leadership, Algebra II, Anatomy, Horticulture, Chemistry, Advanced Math, Psychology, Sociology, Physics, Business Education, and Advanced Ag Mechanics

Online Courses: <http://www.ndcde.org/Home.aspx>

ITV Courses: www.cddlc.k12.nd.us

[Online and ITV courses may be available to enhance a student's education.](#)

ND UNIVERSITY SYSTEM REQUIREMENTS

The Four-Year University Requirements for ND are:

English: 4 units

Math: 3 units (Algebra 1 and above)

Laboratory Sciences: 3 units (including at least two in biology, chemistry, physics or physical science)

Social Studies: 3 units (not including consumer education, cooperative marketing, orientation to social science or marriage/family)

Although not required, the ND University System recommends that you also take advanced algebra and at least two foreign language courses.

ND University System requires a minimum ACT score of 18 to enroll in College English and a minimum ACT score of 21 for two-year schools and 22 for four-year schools to enroll in College Algebra.

Information obtained from ND University System (<http://www.ndus.edu/>)

DUAL CREDIT COURSES

In grades 10, 11 and 12, students have the opportunity to take dual credit classes to earn both high school and college credit. There is a cost per credit and students must have an overall GPA of 3.0 or higher, as well as a GPA of 3.0 or higher in the area of the class to be taken. For example, if a student takes College English, they must have a GPA of 3.0 or higher in their high school English classes.

Student will need to meet minimum required ACT/PLAN cut scores for College Algebra and College English.

When students graduate from high school, they will need to send a copy of their dual credit transcripts to the college they plan on attending. The college credit is issued through Dakota College in Bottineau, ND and will transfer to other ND public colleges and universities. If planning to attend a private or out-of-state college, be sure to find out if they will accept credits from Lake Region. If you have questions about dual credit courses, please talk to the high school counselor.

Dual Credit is an opportunity for high school students to earn high school and college credits at the same time. Students taking dual credit classes follow the application process set forth by the North Dakota University System and the Department of Public Instruction.

ND ACADEMIC AND CAREER + TECHNICAL SCHOLARSHIP REQUIREMENTS

Qualifying for these scholarships gives students an opportunity to receive \$750 a semester for four years of college. Similarities and differences in the requirements for these scholarships are outlined below. If you have any questions about these scholarships, please talk to the high school counselor.

Required for BOTH the Academic AND Career and Technical Scholarships

- Minimum GPA of 3.0
- No grade below a C in any required course
- Graduate from a ND high school
- Attend a ND college

Required for Academic Scholarship ONLY

- Complete 2 units of the same foreign language
- Complete 1 unit of a dual credit course
- Complete one unit for which Algebra II is a pre-requisite (College Algebra/Pre-Calculus or Advanced Math)
- Score a 24 on ACT exam

Required for Career and Technical Scholarship ONLY

- Complete 2 units of a coordinated plan of study approved by the department of career and technical education (FACS, Ag, Business)
- Complete Algebra II

- Score a 24 on ACT exam OR score a 5 or higher on three sections of the Work Keys exam, including applied math, reading for information, and locating information.

For more information about course descriptions, see McClusky Public Schools website under parent and student quick links.

ENGLISH

English I

This course reviews and expands grammar and usage skills. It also includes study of a variety of literature genres including short stories, drama, and poetry. Writing skills are practiced with an emphasis on organization and support of expository, descriptive, and narrative compositions. An oral communications unit focuses on organization and presentation of speeches. A separate vocabulary study is incorporated into the curriculum on a regular basis to enhance individual student word recognition and comprehension skills.

English II

This course reviews and expands grammar and usage skills. It also includes a study of a variety of literature genres including novels, short stories, poetry, and drama. Students focus on a variety of writing styles, using correct grammar, sentence, paragraph, and essay structure. A separate vocabulary study is incorporated into the curriculum on a regular basis to enhance individual student word recognition and comprehension skills. In addition, students complete units in research and library skills and work on developing oral and written communication skills.

English III

This course consists of reading a variety of American literature genres from the pre-colonial period through the 21st century, including fiction, non-fiction, poetry, drama, short stories, and novels. Writing about literature will be stressed using different approaches. Students will also complete units in the research process, grammar review and usage, and work on developing oral communication skills. A separate vocabulary study is incorporated into the curriculum on a regular basis to enhance individual student word recognition and comprehension skills.

English IV

This course consists of reading a variety of British literature genres from the Anglo-Saxon period through the 21st century. Writing about literature will be stressed using different approaches. Students will also complete units in the research process, grammar review and usage, and work on developing oral communication skills. A separate vocabulary study is incorporated into the curriculum on a regular basis to enhance individual student work recognition and comprehension skills.

ENGLISH ELECTIVES

English Composition 110

This first semester develops writing skills, offers students guided practice in a variety of descriptive-narrative and expository forms, related reviews of grammar and standard usage, and reading and discussion related to these activities. Library research is incorporated into this course.

English Composition 120

This second semester continues and reinforces the writing skills practiced in College Composition I, emphasizing library research and the writing of analytical and argumentative papers making use of the thesis-support format and MLA style used in a variety of academic disciplines. Students focus on language through literature and/or film by writing, reading, responding, viewing, and discussing.

SPEECH

Fundamentals of Public Speaking - Speech I (Elective High School Credit)

The course is designed to lay a foundation in skills for informal and formal speaking situations. There is an emphasis on content, organization, audience adaptation, critical evaluation of messages, language, and delivery.

MATH

General Math

General Math is designed to assist students in learning principles of algebra, number operations, functions, exponents and roots, proportions, percent's, graphing, and basic geometry.

Consumer Mathematics

Consumer math is designed to assist students in learning to use mathematics effectively as a tool in their personal and business lives.

Pre-Algebra

Pre-Algebra reviews and reinforces the understanding of math concepts learned in grades 1-8 while building a strong foundation for algebra.

Algebra I

Algebra I is the study of structures and properties of real numbers. An understanding of mathematical concepts learned in previous math classes is reinforced through the use of variables. Real life problems are solved with the use of algebraic techniques.

Algebra II

Algebra II extends the concepts that students have encountered in Algebra I and Geometry. A problem-solving focus allows students to connect their prior mathematical knowledge to more advanced topics. Emphasis is placed on the foundation of real numbers and procedures used to solve a variety of open sentences. Function concepts are extended to include polynomial, exponential and logarithmic functions. Students are introduced to the study of triangle and circular trigonometry. Instructional activities which require students to use graphing calculators enhance student learning.

Geometry

Geometry is the study of size, shape, position and other properties of the objects around us. It is a mathematical system in which a few basic statements or ideas are agreed to and then used to discover results by logical reasoning.

MATH ELECTIVES

Trigonometry

Trigonometry/Statistics/Functions is the study of relationships between the sides and angles of triangles. A functional approach is used to find the calculations concerning triangles. This course does integrate the traditional topics of trigonometry with matrix representations and explorations of real-world problems. Algebraic techniques are also studied in an advanced standpoint integrating the use of functions. The course includes the study of statistics through collecting, analyzing, processing and displaying data.

Applied Math

This class utilizes problem-solving exercises to help the student understand the mathematics needed to work and live in a technical world. It includes hands-on activities, which implement the use of arithmetic operations, problem-solving techniques, estimation of answers, measurement skills, geometry, data handling, simple statistics, and algebraic formulas.

Pre-Calculus

Pre-calc and Discrete Math is the study of logical reasoning, enhancement of algebra, trigonometry, and limits theory. It incorporates real-world problems in various fields such as sciences, computers, engineering, architecture, etc. This course will give students a good base for college calculus.

College Algebra

This course is designed to achieve college credit in algebra while attending high school. You will study solutions of linear and quadratic equations and inequalities, graphing functions and relations, polynomial and rational functions, systems of equations and inequalities, exponential and logarithmic functions. This dual credit course is only one semester, meeting every day.

SCIENCE

Physical Science

Physical Science is a combination of the elementary fundamentals of chemistry and physics. Included in this course are basic concepts of measurement, sound, electricity, light, mechanics, atomic structure and chemical reactions. The course focuses on the development of these concepts through experimentation.

Biology

Biology is the scientific study of living things. The course begins with the least complex organisms and progresses to the most complex, the human.

SCIENCE ELECTIVE

Chemistry

Atomic structure, the periodic table, chemical reactions and chemical families will be studied. The laboratory will be used to reinforce basic concepts and develop good lab technique.

Physics

Physics provides a clear and logical presentation of the basic relationship between matter and energy. It strengthens understanding of these concepts through real world applications while

developing creative and logical problem-solving skills. Topics covered include mechanics, thermodynamics, vibrations, wave motion, electricity, magnetism, light and optics.

Anatomy and Physiology

This class provides an introduction to the advanced study of the structure of the human body. It includes detailed instruction of the following body parts and systems: cells, tissues, skeletal system, muscular system, integumentary system, nervous system, endocrine system, cardiovascular system, lymphatic system, respiratory system, digestive system, urinary system, and reproductive system. Anatomy deals with the function of the human body. Emphasis is on genetics, tissue function, cell function and continuation of the functions of the structures of the systems covered in the first semester. It includes a comparative dissection of a fetal pig or cat. The comparative lab is a comparison to the human body and involves a computer program with the lab.

Ecology

Zoology and Ecology is an introductory applied science textbook intended for use in high school programs focused on agriculture, and natural resource. The course provides a broad-spectrum overview of the wild animals of North America and the environments they live in, including basic principles of science as they apply to wild animals and the habitats they occupy. Zoology and Ecology contents include chapters that detail zoology and ecology basics; zoology and ecology of mammals, birds, fishes, reptiles, and amphibians; and conservation and management of wildlife resources. Each chapter includes visual aids such as color photos, sketches, diagrams, and tables. Zoology and Ecology also identifies chapter objectives, evaluation materials, suggested class activities, key terms, and internet key words to guide student's in-depth study.

SOCIAL STUDIES

World History

The main objective of this course is to familiarize students with the many cultures of the world, starting with the very first civilizations. The emphasis of this course will be to study the social, political, economical and physical changes that have occurred throughout history, and the impact of these changes. A special emphasis will be placed on Modern Western Civilization.

US History

Ours is a rich heritage. The freedoms we cherish, the institutions that serve us, and the material comforts we enjoy have been handed down to us from past generations of Americans. In order to understand the value of this heritage and pass it along to future generations, we must learn about the past.

North Dakota Studies

This class covers the concepts and generalizations relative to anthropology, economics, geography, history, political science, psychology, and sociology of North Dakota, with concentrations on the political science and sociology of North Dakota.

Principles of Democracy-POD

The main objective of this course is to provide students with an understanding of the principles of our democracy. Other goals are to provide students with an opportunity to take a more active role in government, to have an understanding of the Constitution and what its powers are, and to

examine and explore the three branches of government. Students with a better understanding of our government are more likely to participate in the functions of a democracy. This course will also expose students to the concepts of personal finance.

SOCIAL STUDIES ELECTIVE

Psychology

This class explores human development, personality development, and principles of learning, dealing with frustration and conflict, psychological disturbances, and behavior in small groups.

Area Studies

Area Studies is an in-depth look at various sections of the world that are having a major impact on the world today. Students will take a detailed look at the people, events, and economic/cultural impact of specific areas of the world. They will explore current events in detail. The class will include discussion, outside reading, writing, debate, and research. Students will take an in depth look at changing events around the world.

Geography

This course identifies and explains the importance of the five themes of geography: location, place, human environmental interactions, movement, and regions to social studies issues.

Sociology

This class explores cultural diversity, conformity and adaptation. It also looks at structures and types of groups and societies, and socializing people within a society. In addition, the class takes a special look at adolescents in society, the adult and problems in later years. Deviance in society, class systems, race and ethnic relations and minority groups in the U.S., with an emphasis on prejudice, discrimination and racism are explored.

PHYSICAL EDUCATION & HEALTH

Physical Education-PE

The major goal for physical education is personal fitness through sport and individual activities. The class includes instruction and testing in badminton, floor hockey, flicker ball, and softball. The fine points of play, the lead up drills to the skills for the activities are taught and tested as well as the rules of fair play. Grades are arrived at by testing rules of games, physical game skills, and fitness assessment by the President's Council on Fitness norms, participation, as well as conduct and attitude. Although showering after a PE class is recommended, it is not required.

Health

The topics covered are: physical/mental/social health, kinesiology, nutrition, personal fitness, human sexuality, class action trials, drug and alcohol prevention, first aid and safety, and community/environmental health. This class may include guest speakers, demonstrations, and projects dealing with health-related issues.

FOREIGN LANGUAGE ELECTIVES

German I

German I is the introduction to the German language and culture of the people. Each chapter of the *Auf Deutsch* series will provide students with a chapter opener, video presentation, vocabulary, and study of grammar structure. Cultural aspects will be introduced throughout the chapter.

German II

This course expands the foundation of the first-year study. Students continue to learn more vocabulary, expand their knowledge of the structure of the language, and increase their ability to use it in spoken and written form. There is also continued study of the culture.

Spanish I

Students in Spanish I will be expected to develop consistency in Spanish pronunciation, understand questions, commands, directions, and short conversations. In addition, students will learn to recognize words and phrases dealing with topics such as daily activities, travel, meals, weather, time, family and sports. Students will develop an appreciation of a different culture through readings and discussions.

Spanish II

Students will continue to build on the foundation of Spanish I.

Spanish III

Students will expand their vocabulary and use of Spanish. Emphasis is on communication and reading in Spanish.

French I

French I introduces the basics of the French language through listening speaking, reading and writing skills. Culture and geography of France and other French speaking areas are discussed within each unit so students begin to develop a feel for everyday life in a foreign culture. The main emphasis is on the language itself--oral comprehension, proper pronunciation, vocabulary and grammatical structures, and reading comprehension strategies. Foods, holidays, and cultural traditions are also covered.

French II

French II is a continuation of the study of basic structures of the French language. Listening, speaking, reading, and writing skills will continue to be stressed with an emphasis on building vocabulary and improving written and oral accuracy. In addition, cultural, historical, geographic, cinematic and culinary topics are studied to promote a better-rounded view of the French-speaking world.

BUSINESS EDUCATION

Computer Fundamentals – (freshman required course)

This class will introduce the student to the use of spreadsheet and database software applications. Students will create business letters, spreadsheets, presentations, and eye-catching graphics using Microsoft Word, Excel, PowerPoint, Access, Publisher and Adobe Photoshop.

Personal Finance – (junior required course)

This class provides an introduction to economic concepts and the practical aspects of applying them to everyday living. Basic instruction in goal setting and decision making will help students with their personal economic and career goals, i.e. loans, insurance, taxes, federal forms, college forms, investments, credit cards, checking and savings accounts, jobs and earning power, post-secondary costs, budgets, rental vs. mortgage, investments, and retirement.

BUSINESS EDUCATION ELECTIVES

Accounting I

Accounting I is designed to introduce students to basic accounting principles. Students will learn the basic accounting cycle and the forms that go with it. Students will have the opportunity to complete accounting simulations and some automated accounting.

Accounting II

This course is designed as a continuation of the first year of accounting.

Web Design

Students will learn to develop and manage web pages using Adobe Dreamweaver. Students will work with the web's hyperlinks and appearance, manipulate pictures, create tables, work with frames, and create forms. Students will also learn to use Image Composer to create animated clip art.

Desktop Publishing

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, scrolling marquees, forms, contacts, and other additional components).

MUSIC

HS Choir

HS Choir is a group made up of students in 7th – 12th grade. The choir is not auditioned and anyone with a love of music and singing is welcome to join. The group performs in four concerts throughout the year and also participates in a large group contest and a small group contest. Students involved have numerous opportunities to audition for honor choirs throughout the year.

HS Band

The high school band is open to students in grades 7-12. The band performs at several home concerts throughout the year. Band students are encouraged to audition for various honor bands and to take part in the annual solo and ensemble festival. The band also performs at various athletic events. Band students may audition for membership in the jazz ensemble, which meets outside of the school day.

AGRICULTURAL EDUCATION

Ag Ed I

This course will introduce students to agriculture, its many applications, and leadership development. Topics of this course include basic drafting, mechanical theory and skills, basic woodworking construction techniques and bill of materials, safety in the lab setting, plant sciences and introductory horticulture skills. Leadership skills will be incorporated through instruction using the FFA student handbook. Emphasis will be placed on shielded metal arc welding and oxy acetylene welding for the second semester. Students are strongly encouraged to participate in the inter-curricular activities that FFA can provide through membership of our local FFA chapter.

Ag Ed II

This course will introduce students to agriculture, its many applications, and leadership development. Topics of this course include drafting, mechanical theory and skills through high-tech labs, construction techniques and bill of materials of a more challenging woodworking project, safety in the lab setting, animal sciences, and introductory horticulture, range management, and landscaping skills. Leadership skills will be incorporated through demonstrations, public speaking, and parliamentary procedure. Emphasis will be placed on animal science and Gas Metal Arc Welding for the spring semester. Students are strongly encouraged to participate in the inter-curricular activities that FFA can provide through membership of our local FFA chapter.

AgriScience Tech IV

Agricultural Mechanics is designed to reinforce and extend students' understanding of applied mechanical applications by associating scientific principles and concepts with relevant applications in fields associated with mechanics. Students will learn drafting skills, blueprint reading and interpretation. Students may also follow a construction plan and build small sheds or models of homes based on drafted plans. The ideal student will be one who has strong hands-on skills with hand tools and power woodworking equipment, strong mathematical skills and can follow explicit instructions when constructing wooden structures. A portion of time with this class will be dedicated to the construction of a large scale individual project which will be designed and funded by the individual student. Leadership will be presented to the student through teamwork operations and problem solving while building structures. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

Ag Mechanics Tech I

Students will be exposed to mechanical, fluid, electrical, and thermal power that are associated with the field of agriculture. The focus of this class will be agriculture power, including diesel and gasoline engines, service and preventative maintenance, electric circuits regarding vehicle power, and gears. High-tech labs will be utilized where applicable. Students interested should be very mechanically minded and above average in hands-on activities. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

Agricultural Mechanics Tech III (Motors/Power Units)

Agricultural Mechanics is designed to reinforce and extend students' understanding of applied mechanical applications by associating scientific principles and concepts with relevant

applications in fields associated with mechanics. Students will be exposed to mechanical, fluid, electrical, and thermal power that are associated with the field of agriculture. The focus of this class will be agriculture power, including diesel and gasoline engines, service and preventative maintenance, electric circuits regarding vehicle power and gears. High-tech labs will be utilized where applicable. Students interested should be very mechanically minded and above average in hands-on activities. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

Ag Processing

This course is designed to introduce students to the processing of agricultural products. This course will include the processing of food, fiber and material products. Students will identify wholesale cuts or carcasses and process various species into retail cuts. Experiential learning will be the focus for this class, with an emphasis on food safety and government regulations. Students will have the ability to further personal communication skills, human relation skills, and leadership skills. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

Botany Science/Horticulture

This course prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation. Topics to be covered include: soils, plants, plant identification and plant entomology. Students will examine the importance of plant cell structures, functions of cells, plant processes, types of plants, plant structures and reproduction of plants. This course will reinforce and extend students' understanding of science by associating basic scientific principles and concepts with relevant applications to agriculture. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

Agricultural Welding and Fabrication

This course provides students in agriculture an opportunity to reinforce and extend understanding of applied mechanical applications. Students will be exposed to mechanical, electrical and thermal power that are associated with the field of agricultural welding. Applied activities develop an understanding and skill development in metal joining and fabrication processes. Instruction will prepare students to select, operate, repair, fabricate and maintain a variety of agricultural machinery and equipment. Processes covered include: Oxyfuel Heating/Welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Safety and Metal Fabrication. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

Advanced Agricultural Welding and Fabrication

This course provides students in agriculture an additional opportunity to reinforce and extend understanding of applied mechanical applications. Advanced applications will further develop knowledge and skill development in metal joining and fabrication processes. Instruction will prepare students to select, operate, repair, fabricate and maintain a variety of agricultural machinery and equipment. Processes covered include: Oxyfuel Cutting/Heating/Welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), Plasma Arc Cutting, Safety and Metal Fabrication projects. In addition, record

keeping, communication skills, employability and human relation skills will be covered. Students are strongly encouraged to participate in the inter-curricular activities that the FFA can provide through membership of our local FFA chapter.

CORRESPONDENCE (NDCDE) WORK

McClusky Public School will permit a qualified student to enroll in an approved correspondence course from a school approved by the North Dakota Division of independent study. This will be allowed in order that such a student may include a greater variety of learning experience within his/her educational program or to correct graduation deficiencies within his/her transcript. McClusky School District will not pay for classes that have been failed by a student and he/she wishes to retake that class.