

REGISTRATION HANDOUT SPRING 2021

In order to graduate from the LaMoure High School, students will have to complete the following units:

- 4 Language Arts units from classes including English I-IV, Am. and English Lit, Comp I & II, Modern Lit., Speech or Dual Credit College English Classes. Students must take an English course every year as outlined by the Building Principal.
- 3 Social Studies units including:
1 unit of US History;
½ unit of US Govt. and ½ unit of Economics; OR 1 unit of Problems of Democracy (POD); AND
1 unit or 2 half-units of any other social studies
- 3 Math units
- 3 Science units including:
1 unit of Physical Science
1 unit of Biology
1 unit of any other science OR 2 half-units of any other science
- 1 Physical Education unit OR ½ unit of Physical Education and ½ unit of Health
- 3 Units from Foreign Languages; Native American Languages; Fine Arts; OR Career and Technical Education (CTE) courses
- 7 Units of additional electives
- 24 Total Credits

TYPICAL ADMISSION REQUIREMENTS FOR 4 YEAR COLLEGE/UNIVERSITY*this may change by institution

4 units of English, including the development of written and oral communication skills

3 units of mathematics, Algebra I and above

3 units of laboratory science, including at least 1 unit each in 2 or more of the following: Biology, Chemistry, Physics, or Physical Science

3 units of social studies, excluding consumer education, cooperative marketing, orientation to social science, and marriage/family

*Some out of state schools might require a foreign language. ND university system recommends a foreign language, but does not require it at this time.

CLASS ADMISSION REQUIREMENTS FOR ND UNIVERSITY SYSTEM SCHOOLS

In ND at most public ND University System schools there will be requirements for minimum scores on the ACT tests to enter certain classes. To enroll in ENGL 110 students will need to have scored an 18 or above on their ACT math or acceptable scores on other placement tests. To enroll in Math 103 (College Algebra) students will need to have scored a 22/21 or above on their ACT math or acceptable scores on other placement tests. Students without qualifying assessment scores must successfully complete a developmental course before enrolling in ENGL 110 or Math 103. Different colleges and universities have different minimum levels for acceptable ACT or entrance scores. Students will want to know the entrance score that is needed for their choice of college or university.

HONORS

Students who graduate with an average of 96% or higher will be named “graduated with high honors” and those students who graduate with an average of 92% to 95.99% will be named “graduated with honors.”

A Salutatorian and Valedictorian will be named based upon the highest two GPA’s among students who have completed 4 units of High School Math, Algebra I or higher and 4 units of High School Science.

ELIGIBILITY FOR COLLEGE ATHLETICS

Students interested in participating in college athletics at either the NCAA Division I or II levels will need to meet requirements including taking 16 core credits (10 before seventh semester), meeting minimum college entrance scores on ACT or SAT, & meeting core GPA requirements.

CLASS REQUIREMENTS

Students entering grades 9-11 are required to take at a minimum seven classes.
Students entering grade 12 are required to take at a minimum of six classes.

OJT signups need to be approved through the counseling office and a cooperating teacher. This will not count towards the minimum number of classes the student is required to take for their grade level.

North Dakota Academic Scholarship North Dakota Career and Technical Education Scholarship

The amount of each scholarship is \$750 per semester or \$1,500 for the academic year based on full-time enrollment in an accredited higher education institution in North Dakota, both public and private. The scholarships are renewable provided the student maintains a 2.75 grade point average based on a 4.00 scale reviewed each semester. Students may qualify for either the North Dakota Academic Scholarship or the North Dakota Career and Technical Education Scholarship. The students may be eligible for up to \$6,000 within six academic school years (do not have to be consecutive years) of undergraduate study after graduation from high school. **Application deadline will be around June 1 of each year, with high school graduates notified of their eligibility for either scholarship by June 30.**

An accredited institution of higher education is a post-secondary institution offering at least a 2-year degree regardless if all programs are 2 years or more in duration. A student may use either the North Dakota Academic Scholarship or the North Dakota Career and Technical Education Scholarship at any North Dakota accredited institution.

ND Academic Scholarship Eligibility Requirements

1. North Dakota resident and graduate from a high school in North Dakota or from a high school in a bordering state according to provisions set forth in ND Century Code 15.1-29
2. Complete all of the following course and grade requirements:
 - a. 1 unit Algebra II
 - b. 1 unit of mathematics for which Algebra II is a prerequisite
 - c. 2 units of the same foreign, same Native American language or CTE classes from a coordinated plan of study
 - d. 1 unit of a foreign or Native American language, fine arts, or career and technical education
3. Obtain a grade of at least "C" in each unit or ½ unit required under the Diploma Requirements listed above
4. Earned a cumulative GPA of a 3.0 or higher on a 4.0 scale.
5. Complete 1 unit of an AP course and exam or ½ unit of a dual credit course
6. Earn a 24 or higher on an ACT

ND Career and Technical Education Scholarship Eligibility Requirements

1. North Dakota resident graduating from a ND high school, a public high school in a bordering state according to NDCC 15.1-29, or a nonpublic school in a bordering state while residing with a custodial parent (NDCC 15.1-21-02.6)
2. Complete: 1 unit of Algebra II and 2 other units of math; 1 unit selected from foreign languages, Native American languages, American Sign Language, fine arts, or CTE; 2 units of a coordinated plan of study recommended by CTE; any 5 additional units of which 2 must be in CTE
3. Earn no grade lower than a "C" on any unit required for the diploma and the scholarship
4. Earn a cumulative GPA of a 3.0 or higher based on a 4.0 scale
5. Earn a 24 or higher on an ACT or score of at least "5" on each of the 3 WorkKeys assessments

****** Deadline for taking the ACT or the WorkKeys assessments is whenever you can get scores back/in by deadline***

****** Deadline for scholarship application is around June 1 - Applications submitted at <http://www.dpi.state.nd.us/scholarship>***

For additional information on the requirements on either the ND Academic Scholarship or the ND CTE Scholarship stop in the counselor's office or refer to https://www.nd.gov/dpi/uploads/204/info_scholarship.pdf

**LAMOURE HIGH SCHOOL
COURSE OFFERINGS**

ENGLISH 9--05071

G: 9 Credit: 1

English 9 is a comprehensive grade-level language arts class. By the end of grade 9, students will be able to read and comprehend literature, including stories, dramas, and poems (Pearson myPerspectives English Language Arts, The Outsiders by S.E. Hinton, and Of Mice and Men by John Steinbeck). Also, students will write routinely over extended and shorter time frames for a range of tasks, purposes, and audiences. Lastly, students will demonstrate conventions of standard English, knowledge of language, and vocabulary acquisition and use.

ENGLISH 10--05072

G: 10 Credit: 1

English 10 is a comprehensive grade-level language arts class. By the end of grade 10, students will be able to read and comprehend literature, including stories, dramas, and poems (Pearson myPerspectives English Language Arts, The Great Gatsby by F. Scott Fitzgerald, and To Kill a Mockingbird by Harper Lee). Also, students will write routinely over extended and shorter time frames for a range of tasks, purposes, and audiences. Lastly, students will demonstrate conventions of standard English, knowledge of language, and vocabulary acquisition and use.

ENGLISH 11--05073

G: 11 Credit: 1

English 11 is a comprehensive grade-level language arts class. By the end of grade 11, students will be able to read and comprehend literature, including stories, dramas, and poems (Pearson myPerspectives American Literature, The Scarlet Letter by Nathaniel Hawthorne, and The Adventures of Huckleberry Finn by Mark Twain). In addition, students will write routinely over extended and shorter time frames for a range of tasks, purposes, and audiences. Furthermore, students will demonstrate conventions of standard English, knowledge of language, and vocabulary acquisition and use.

ENGLISH 12--05074

G: 12 Credit: 1

English 12 is a comprehensive grade-level language arts class. By the end of grade 12, students will be able to read and comprehend literature, including stories, dramas, and poems (Pearson myPerspectives British and World Literature, Frankenstein by Mary Shelley, and 1984 by George Orwell). Also, students will write routinely over extended and shorter time frames for a range of tasks, purposes, and audiences. Lastly, students will demonstrate conventions of standard English, knowledge of language, and vocabulary acquisition and use.

At this time, Foreign Languages will be offered through the ITV system at times set by the sending school—There may be additional languages offered, if interested in a language not listed visit with the counselor. Students will need approval of their schedules to enter an ITV course.

SPANISH I-06211 - This class will be an ITV class

G: 9-12 Credit: 1

Spanish I will introduce the students to the basic grammar and vocabulary. This course provides opportunities for real and meaningful communication through everyday situations. Students practice listening, speaking, reading, and writing Spanish with the goal to understand and be understood by native speakers.

SPANISH II-06212 - This class will be an ITV class—Passed Span. I

G: 9-12 Credit: 1

This course provides continued opportunities for meaningful and real use of the Spanish language. After a brief review, students continue to add to the grammar, vocabulary and cultural knowledge learned in the first level.

FRENCH I-06281 - This class will be an ITV class

G: 9-12 Credit: 1

French I will introduce the students to the basic grammar and vocabulary. This course provides opportunities for real and meaningful communication through everyday situations. Students practice listening, speaking, reading, and writing French with the goal to understand and be understood by native speakers.

PHYSICAL SCIENCE-13030

G: 9-12 Credit: 1

Physical Science is a general education course intended to provide an understanding of basic concepts in chemistry and physics. Molecular structure, chemical reactions and chemical and physical properties of matter are studied as well as the universal laws of physics concerning force, motion, power, and heat energy. Properties of sound, light, electricity and magnetism are also studied.

BIOLOGY-13020 – Passing grade in Phys. Sci. or instructor approval.

G: 10-12 Credit: 1

Biology is the study of the features and functions of living things. This course focuses on the chemical nature of life, cells, genetics, evolution, classification, and an overview of all kingdoms of living things. Activities such as dissecting, collecting insects and leaves are used to increase a student's knowledge.

CHEMISTRY-13031 – Passing grade in Biology

G: 11-12 Credit: 1

Chemistry is the study of matter, its structure, and properties as well as the changes that matter undergoes. Studying and experimenting with chemistry will help students develop their ability to think logically and solve complex problems. This course is strongly suggested for any college-bound science student. Chemistry is an enjoyable, stimulating challenge.

ECOLOGY-13110 – Passing Grade in Biology or instructor approval

G: 11-12* Credit: 1

This course will focus on the interaction between humans the natural environment. The course will include the study of ecosystems, population growth, natural resources, energy, pollution, climate change, and waste disposal. This course provides an excellent background for understanding issues facing the public at large and would be beneficial to any student. This class is available every other year and alternates with human anatomy and physiology.

HUMAN ANATOMY-13021 – Passing Grade in Biology

G: 11-12 Credit: ½

The study of the human body is as fascinating as it is intricate. In this course we discover the organ systems of the body and how they work together to maintain homeostasis. Animal dissections are included and help the student to understand the anatomy of other animals in relationship to humans. Any student interested in a health career should take this course. This class is available every other year and alternates with ecology.

PHYSIOLOGY-13022 – Passing Grade in Biology

G: 11-12 Credit: ½

The course will examine all major systems, tissues, and muscle groups in the human body to help students understand how these systems interact and their role in maintaining homeostasis. This class will be paired with Human Anatomy and is available every other year and alternates with ecology.

FORENSIC SCIENCE-13036 - (Full Year) Passing Grade in Phys. Sci and Biology (Chemistry and/or taking Chemistry unless teacher approved)

G: 11-12 Credit: 1

Forensic science is the application of scientific knowledge to questions of civil and criminal law. This course is a lab-based, hands-on course that will explore what forensic scientists do. Students will learn modern forensic methods and use scientific methods to solve legal problems. This course will focus on collection and analysis of crime scene evidence (such as serology, toxicology, entomology, odontology and trace evidence), and explore lab analysis techniques, (such as chromatography, DNA analysis, fingerprinting, and hair and footprint analysis). Finally, mock crime scenes will be investigated, and real case studies analyzed.

PHYSICS-13042 — Passing grade in Alg I, Bio, Phys. Sci., or instructor approval G: 11-12 Credit: 1

Physics is based on the inter relationships between matter and energy and the natural laws which govern the universe. The mechanics of motion and forces are developed in the first semester followed by energy, light, electricity, and magnetism. A good background in algebra is necessary. This course is ideal for students considering engineering or who would like to sharpen their math and science skills for college.

WORLD HISTORY-15089 G: 9-12 Credit: 1

This course will offer a developmental account of historical change and continuity from early civilization to the present day. Historic themes, their origins and consequences will be addressed.

U.S. HISTORY-15085 G: 11-12 Credit: 1

The course will provide a well-rounded historical overview of American history from the development of the "federalist Beginning" to the present day.

PROBLEMS OF DEMOCRACY (POD)-15201 Passed either U.S. Hist. or W. History G: 11-12 Credit: 1

This course is a journey into the mechanics of American government and politics. Students are charged with the mission of analyzing Congress, the Presidency, and the Judiciary. They also will investigate the processes (Elections, Media, Public Opinions) that make up the US Government. During the course of study students will explore the documents that made our government, and also the current debates within our government, that serve as examples to the role in which our government plays in our world today.

AREA STUDIES-15020 - This class replaced Geography G: 9-12 Credit: 1

In this course students will study or examine the history, politics, economics, society, and/or culture of one or more regions of the world.

GENERAL PE-08030—HIGH SCHOOL PE G: 9-12 Credit: 1

It is vital that the high school physical education program provide the following in order to help the student gain maximum benefits possible.

1. A setting in which experiences will help each student enjoy physical activity, to feel good about himself /herself, and to accept himself/herself and others.
2. Opportunities for vigorous activities through which there may be alleviation of frustrations and tensions.
3. Special attention to differences in physical development and maturity of individual students.
4. An environment that supports the rules necessary for the concept of fair play and for the safety of the participants.
5. Coeducational physical education experiences.
6. Knowledge and experience in activities that will encourage and assist the individual to maintain fitness throughout life.

GENERAL PE-08030—WEIGHT TRAINING G: 9-12 Credit: 1

The goal of weight training is to help increase strength and endurance in both males and females. It promotes general fitness for life through the use of free weights and machine weights while emphasizing safety and proper body positioning. Preference in class enrollment is given to seniors then juniors then sophomores on down if class is not full.

ALGEBRA-11031

G: 9-12 Credit: 1

Algebra forms the foundation of high school science and mathematics programs. This course studies the structure of the real number system with specific attention to algebraic properties and operations. Topics covered include properties of numbers, operations of polynomials, graphs, linear, exponential, and quadratic equations, ratios and proportions, and properties of exponents.

ALGEBRA II-11032 - Passed Algebra – (This is Advanced Algebra)

G: 10-12 Credit: 1

Algebra II first briefly reviews then continually adds to the problem solving techniques introduced in Algebra. The course also develops skills in working with rational, irrational, and complex numbers as well as with polynomial, exponential, and logarithmic expressions. The graphic and algebraic analysis of systems of linear, quadratic, exponential, and logarithmic equations are presented along with an introduction to sequences, conic sections, and trigonometry. A graphing calculator is recommended for this class.

GEOMETRY-11120 - Passed Algebra

G: 10-12 Credit: 1

Geometry is the formal study of geometric skills and concepts, emphasizing Geometry as a logically deductive mathematical system. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. Trigonometric relations are introduced through the study of the right triangle. Skills learned through Geometry are necessary for careers in engineering, architecture, law, and will benefit those who wish to acquire independent thinking and leadership skills.

CONSUMER MATHEMATICS-11145~~G: 9-12 Credit: 1~~**PRECALCULUS-11181 – (Advanced Math)**

G: 11-12 Credit: 1

Passed Algebra, Algebra II and Geometry

Precalculus is intended to provide the mathematical background needed for Calculus. The course extends development of topics covered in Algebra II, including polynomials, functions and their inverses, complex numbers, and Trigonometry. Other topics include conic sections and polar graphs, matrices, vectors, and statistics. An introduction to Calculus is explored through sequences, limits, and derivatives. This course is recommended for students who are planning on attending a 4-year university. A graphing calculator is recommended for this class.

APPLIED MATH-11190 Offered in 2021-2022

G: 9-12 Credit: 1

Applied Math is designed to help students develop and refine job related math skills. Emphasis is on the ability to apply functional mathematics to solve problems in the world of work. This course provides a hands-on approach in the areas of arithmetic, Algebra, Geometry, and written communications. Some of the topics covered include measurement, percentages, dimensional analysis, problem solving, mental math, algebraic equations, and graphs. Applied Math is intended for the student that is not ready for Algebra.

APPLYING TECHNOLOGIES 1 & 2-10093 (This is a CTE Class)

G: 9-12 Credit: 1

This is an activity-based course addressing all 20 of the Standards for Technological Literacy using primarily a modular classroom environment. Successful completion of this course requires 5 modules completed per semester.

APPLYING TECHNOLOGIES 3 & 4- 10093 (This is a CTE Class)

G: 9-12 Credit: 1

Continuing from Applying Tech 1 & 2, Students choose from a variety of learning launchers to describe in detail how each module meets at least 2 of the 20 technology standards. Successful completion of this course requires the use of at least 10 of the technology standards.

FAMILY AND CONSUMER SCIENCE I-09022—FACS I

G: 9-12 Credit: 1

This class provides comprehensive coverage of the following topics. Each unit covered investigates careers and builds life skills needed for the future.

The units covered are:

- Consumer education : which includes consumer rights and responsibilities, consumer fraud, judging quality and price, comparison shopping, impulse buying, analyzing advertising.
- Managing money: which includes, spending styles, managing finances, budgeting and achieving financial goals.
- Family and human development: which include stages of human development, building strong relationships, improving communication, resolving conflict, handling problems, managing work and family.
- Housing and design: which include elements and principles of design, using design effectively, designing living spaces.
- Clothing: which include fibers and fabric construction, fabric finishes, clothing
- Foods which include these topics: health habits for staying healthy, kitchen equipment, preparation terms and techniques.
- SECTC high tech kits such as vinyl cutter and embroidery machine.

NUTRITION AND FOODS PREP I-09131--BASIC FOODS

G: 11-12 Credit: 1

This class provides comprehensive coverage of: Sports nutrition; Nutrients and their functions; Buying and storing food; Planning meals and snacks; Kitchen safety and sanitation; Safe food handling practices; Preparation terms and techniques; and Kitchen management.

INDEPENDENT LIVING-09025

G: 10-12 Credit: .5

Focuses on concerns and decisions encountered by young people as they begin to establish themselves as independent adult. Content: Career investigation; Post secondary education plans; Resumes, cover letters and job interview; Managing personal finances, budgeting, taxes, savings, investing, credit, money management tools; Preparing for your career; Establishing a first home; Employability skills; Identity fraud; Time management; Insurances; Planning for the future; Consumerism - Leasing vs. purchasing vehicles.

CHILD DEVELOPMENT-09026

G: 10-12 Credit: .5

Prenatal development and understanding of birth process; physical, intellectual, social and emotional development of infant, toddler, and child; learning about behaviors and discipline; food and clothing for children; learning to plan a child's program for play school and carry it out in a class play school. (Good for those planning careers in teaching or any medical field.)

CLOTHING & TEXTILES I-09027

G: 10-12 Credit: 1

This is a lab course using the sewing machine and embroidery machines to learn the basic skills in textile creation. Students will create projects such as quilts, garments, home accessories. Student will be financially responsible for class materials.

CLOTHING & TEXTILES II-09029

G: 11-12 Credit: 1

This class expands on the skills learned in Clothing and Textiles I. Lab experiences may include design and/or construction of one or more projects related to the concepts taught. Students will be financially responsible for class materials.

WORD PROCESSING-14096

G: 9-12 Credit: ½

Purpose: Continues the development of skills and knowledge developed in Business Computer Application 8 through study and application of programs used in business. Content: Using the operating system of a microcomputer to organize and automate file handling, use database software to solve business problems; analyze business trends and solve problems using spreadsheet software; to integrate information stored in all software formats; and develop critical communication skills necessary for successful career development.

FINANCIAL LITERACY-14095

G: 9-12 Credit: ½

Students in this class will study the impact of financial choices on personal and occupational goals and future earnings potential. Real world financial document preparation including budgeting, checking accounts, credit cards, and savings accounts are included. This course will provide a foundational understanding for making informed personal financial decisions.

ACCOUNTING I-14010 / ACCOUNTING II-14011

G: 9-12 Credit: 1

Purpose: To introduce students to basic accounting principles. Content: Skills will include a knowledge of the accounting cycle, entering transactions in journals, posting to ledgers, compiling end-of-period worksheets, adjusting and closing entries, statements and reports, completing banking activities, payroll systems and preparation of taxes

DESKTOP PUBLISHING-14098

G: 9-12 Credit: ½ OR 1

The process of creating a document that looks like a professionally designed and printed document. The work includes sizing and inserting photos, graphics, and line drawings to the text copy. Instruction will be provided to create an original layout for a newsletter, catalog, brochure, and other materials that utilize different types of print. Software applications to be used include Microsoft Word, Microsoft Publisher, Adobe Photoshop, and Adobe Illustrator.

BUSINESS FUNDAMENTALS-14230

G: 9-12 Credit: ½ OR 1

Students are 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, marketing and managing a business.

ENTREPRENEURSHIP-14111(Students need Business Fundamentals or Instructor approval.)

G: 10-12 Credit: ½ OR 1

This class will help students develop skills needed to effectively organize, develop, create, and manage their own business. Topics covered include entrepreneurial concepts, characteristics of business organizations, business opportunities, and entrepreneurial projects and simulations.

This class will provide an opportunity for the students to work in an actual employment setting. At this setting the students would improve or expand upon the skills learned in the classroom. This would include obtaining a position, development of training plan and agreement and supervision of employment.

INSTRUMENTAL MUSIC--BAND-12051

G: 9-12 Credit: ½

An elective course with the art of music making in mind! We work with scale studies as warm-up, also with tone and balance. Jazz Band members, who are chosen by Mrs. Lebahn, begin working on music for “LHS LIVE.” We work on Pep Band some all year to perform at 4 VB games, 4 Boys BB Games, and 4 Girls BB Games. We work on concert music for three concerts (Christmas, ELOE Band Festival, and Spring,) plus Region VI music contest, large and small. Students are required to participate in Large Groups and the ELOE Band Festival. Small group (solo or groups up to 12 members) music contest is optional.

**You must have a pair of black pants/skirt/dress, black shoes/boots, black blouse/black button down shirt, and any color neck-tie (for boys,) as a uniform for Region I Large Group Contest.

VOCAL MUSIC--CHORUS-12040

G: 9-12 Credit: ½

An elective course with the love for singing and music making in mind! We work on Choral warm-ups/exercises to develop vocal skills in the areas of breath connection, ear training, voice registration, vowel formation/modification, and ensemble balance and blend. There is an audition for Swing Choir the first full week of school. Swing Choir rehearsals are Monday nights to prepare for “LHS LIVE.” We work on concert music of various genres and time periods. We perform at three yearly concerts (ELOE Choir Festival, Christmas, and Spring.) We also compete at the Region VI Music contest, large and small. Students are required to participate in Large Groups and the ELOE Choir Festival. Small group (solo or groups up to 12 members) music contest is optional.

**You must have a pair of black pants/skirt/dress, black shoes/boots, black blouse/black button down shirt, and any color neck-tie (for boys,) as a uniform for Region I Large Group Contest.

AGRI SCIENCE TECHNOLOGY I-01021—AG I**G: 9-12 Credit: 1**

Agriscience Technology courses integrate biological and technological concepts with principles of agriculture. Courses are designed in sequences to provide experiences in the subject matter. Units are selected to develop knowledge and skills pertaining to nutrition, reproduction, diseases, breeding, genetics, anatomy, and physiology in animals and plants. Genetic engineering, biotechnology, plant propagation techniques, agricultural production technologies, marketing technologies, aquaculture, animal health, and small animal care are examples of units that may be taught.

AGRONOMY SCIENCE**G: 9-12 Credit: 1**

This course provides the study of plant physiology and morphology and its relationship to growth, development and reproduction of crop and forage plants in the global environment. Topics include: seed identification, testing and grain grading, identification of agronomic crops and major weeds in crop production. Harvesting and handling will be emphasized. Supervised agricultural experience programs and leadership are integrated in the course. Career opportunities and educational preparation are examined. Learning activities are varied with classroom, laboratories and field experiences.

AGRI. MECH. TECHNOLOGY I-01043**G: 9-12 Credit: 1**

Students will be exposed to mechanical, fluid, electrical, and thermal power that are associated with the field of agriculture. Course sequence is designed to provide students with applied activities which may include: metal fusion (welding), structures, surveying, electrical wiring principles, agricultural power and equipment, plumbing, electric motors and controls, CNC, robotics, CADD, Lasers, GIS and GPS systems.

AGRI. MECH. TECHNOLOGY II-01044—Pass AgMech I/Dept. Approv. G: 10-12 Credit: 1

Topics in Ag. Mechanics Technology I will be expanded on in this class. Students will be exposed to mechanical, fluid, electrical, and thermal power that are associated with the field of agriculture. Course sequence is designed to provide students with applied activities which may include: metal fusion (welding), structures, surveying, electrical wiring principles, agricultural power and equipment, plumbing, electric motors and controls, CNC, robotics, CADD, Lasers, GIS and GPS systems. **Must have taken AG Mech Tech 1**

AGRI. WELDING AND FABRICATION-01046 Must have taken Ag Mechanics 1 G: 10-12 Credit: 1

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 may include: Oxyfuel Cutting/Heating/Welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), Air-carbon Arc Cutting, Plasma Arc Cutting, Safety and Metal Fabrication. In addition, record keeping, communication skills, employability and human relation skills will be covered. Leadership development and Supervised Agricultural Experiences (SAE's) are also integral to this course.

ADVANCED AG WELDING & FABRICATION-01047-Welding I Prerequisite G: 10-12 Credit: 1

This course provides students in agriculture an additional opportunity to reinforce and extend understanding of applied mechanical applications. Advance 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 may include: Oxyfuel Cutting/Heating/Welding, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), Air-carbon Arc Cutting, Plasma Arc Cutting, Safety and Metal Fabrication projects. In addition, record keeping, communication skills, employability and human relation skills will be covered. Leadership development and Supervised Agricultural Experiences (SAE's) are also integral to this course.

SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM-01995 G: 9-12 Credit: ½ or 1

This course provides credit for student agricultural experiences. This class could be done during the summer. Students are required to fill out forms and meet hour requirements for the amount of credit earned. Students may earn either ½ or 1 credit depending upon the hours and experiences.

SMALL ANIMAL CARE-01066 G: 9-12 Credit: ½ or 1

This course is designed to teach students about the management of small animals, which may include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats. The student will understand the importance of responsible small animal ownership by explaining the domestication and use of small animals, the influence small animals and the small animal industry on society, and the hazards associated with working in the small animal industry (including transmittance of disease and handling of dangerous chemicals). The student will evaluate current topics in animal rights and animal welfare, thus understanding the care and management requirements for a variety of small animals and be able to discuss the physical characteristics for each species studied; list the breeds or types of each species; discuss the habitat, housing, and equipment needs for each; compare and contrast nutritional requirements; describe and practice common methods of handling; and use available laboratory equipment to perform procedures.

This class provides an opportunity for students to work in an actual employment setting. At this setting the students would improve or expand upon the skills learned in the classroom. This would include orientation, development of training plan and agreement and supervision of employment. The student will be required to provide documentation of work activities.

DRIVER AND TRAFFIC SAFETY INSTRUCTION—21014—Must pass 8th grade first. Credit: ¼

The students will need to have their ND permit before taking the class room and driving portions. The students will be introduced to the procedures and methods of driving safely. The class will cover the What, Why and How behind responsible driving. Also covered will be topics dealing with handling the pressures put on us as we drive, responsibilities of driving and car ownership, and North Dakota's Rules for the Road. Upon successful completion, the students will have completed their classroom portion for receiving their driver's education certificate. They are then required to drive and observe for 6 hours each.

OJT (On The Job Training)/JETS (Junior Educators Training Seminar) Semester Credit: ¼
OJT (On the Job Training) is designed for students interested in helping educators. They will assist the LaMoure School Staff in various duties in job related tasks. Students are responsible for seeking out a staff member at LaMoure School to observe, work with, instruct with supervision, and carry out errands. The accepting teacher will record the hours and tasks performed. The course outcome is designed so that a teacher gets assistance and the student gets to help and also receives credit. This does not count as a class for total classes taken.

ITV AND DUAL CREDIT CLASSES—

LaMoure Schools offers numerous ITV classes which students may participate in. Typically, one ITV class will be replacing two classes in your schedule because of the time requirements. Students who are interested in taking an ITV class will need to go over their schedule with the school counselor. Students are typically juniors and seniors when they take ITV classes. One exception is those students desiring to take foreign languages through the ITV system.

LaMoure Schools offers numerous dual credit classes which students may participate in. Students who are interested in taking a dual credit class will need to go over their schedule with the school counselor. Students are typically juniors and seniors when they take dual credit classes. Some of these classes require a certain ACT score to enter. Some classes such as College Composition and College Algebra do require a certain score on the ACT to enroll in those classes.