



MLS Registration Guide

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Registration Information

Mohall Lansford Sherwood Public Schools, recognizing the need for a strong academic orientation to better prepare students for employment, further education, and active citizenship, recommends that parents, educators, and students accept responsibility for the individual education of students. The school will continue to review curriculum and instructional strategies to provide an articulated and well-organized program of studies. Students learn best when excellence is expected of them and when they are encouraged to achieve it. The educational staff will help to build a climate of encouragement and expectation that will motivate students to persist in a strong program of preparation for life. Early planning for each student's academic program will be a part of this effort to achieve the best possible program for each student.

Graduation / College Entrance Requirements

A minimum of 24 credits earned are needed to graduate from MLS Mohall High School. Certain credits are required; they include:

4 credits in Language Arts

• 1 credit of Grade 9 LA • 1 credit of Grade 10 LA • 1 credit of American Lit • 1 credit of Composition

3 credits in Social Studies

• 1 credit of World History • 1 credit of U.S. History • 1 credit of POD

3 credits in Math

3 credits in Science

• 1 credit Physical Science • 1 credit of Biology • 1 credit electives
All students in grades 9 and 10 must enroll in Physical Science and Biology

1.5 credits in Business

• 1/2 credit Personal Finance • 1 credit electives

1/2 credit in Physical Education

All 9th grade students must be enrolled in HS PE

1/2 credit in Health

All 9th grade students must be enrolled in Health

All students who plan to attend a four-year school in the North Dakota University System must have the following 13 credits: four credits of English; three credits of mathematics, Algebra I and above; three credits of laboratory science; and three credits of social studies.

The principal/superintendent may follow the ND Century Code for graduation if they deem it necessary.

Number of Courses Required each Semester

Each student in Grades 9–12 is expected to enroll in seven (7) subjects each semester. Special arrangements, in extenuating circumstances, will be evaluated by the principal for students who may not be able to meet these requirements.

Dual Credit

Dual Credit classes earn both a high school and a college credit upon successful completion of the course. MLS offers dual credit courses through Minot State University and DCB. Students must pay the required tuition for the credits. Students must apply to the ND University System institution for admission. Applications are available from the counselor. Students taking dual credit courses through Minot State University must meet the university's enrollment criteria which includes a cumulative GPA of 3.0. For some courses there is a minimum GPA or ACT score, students may be able to qualifying by taking the ACCUPLACER exam).

Schedule Changes

Schedule changes requested after the final registration will be denied except in extenuating circumstances since classes are formed, schedules created, and staff hired and assigned based on your registration. Generally, such changes are discouraged. Students are encouraged to make careful selections when completing their registration. Any schedule revisions will require principal approval. A student WILL NOT be permitted to add or drop a class after the start of the 4th day of school for that semester. Select your classes with care.

Scheduling Reminders:

- Before selecting a course, check the description to be sure it fits your needs, interests, and abilities, and that you have completed any necessary prerequisite coursework.
- Plan ahead, not just one semester, but for the entire year, or better yet, for your entire high school career.
- Select courses for their usefulness and value to your future plans. Registering for a course for “easy credit” or because a friend is taking it is not a valid reason for the choice or to change a schedule.

Insufficient Enrollment

Classes with enrollments of insufficient size will be dropped, and students will be asked to make different selections.

Course Offer

The courses in this guide are all offered at MLS, although not all classes are offered every year (they are on a rotational basis).

NDCDE

A list of courses offered by the NDCDE is available online on their website. These courses can be taken according to school board policy GACA. These courses are online only with no face-to-face.

Career Courses

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
20060	Career Management	1/2	X	X	X	X
20066	Leadership	1/2	X	X	X	X
20065	Successful School & Life Skills	1/2	X	X	X	X
20076	School-to- Work	1/2				X

Career Management

Grade 9-12

1/2 credit

Career Management is designed to help students recognize the responsibilities and skills required in jobs, higher education, and young adult transition areas. This course focuses on personality as it applies to careers, jobs, and future schooling areas, the importance of communication throughout multiple areas, technological advancements, and the history of the careers we see today. Throughout this course, students will get the ability to engage in multiple hands-on projects and activities to meet standards around communication, demonstration, and problem-solving within the various skills of job attainment, interpersonal behaviors, and career connectedness.

Leadership

Grade 9-12

1/2 credit

Leadership is designed to strengthen students' personal and group leadership skills. This course will cover public speaking, effective written and verbal communication, human relations, interviewing skills, organization and management, evaluation and feedback, and group dynamics.

Successful School & Life Skills

Grade 9-12

1/2 credit

Life Skills is designed to help students better understand the requirements and realities of living on their own and create the ability for students to recognize what their needs even are. This course focuses on the needed independent skills of financial resources and management, career planning, housing, transportation, and health and wellness through hands-on projects and activities that meet the standards of demonstration, communication, and problem-solving as they relate to these skills.

School-to-Work Preparation**Grade 12****1/2 Credit**

The School-to-Work class is designed to help students make a smooth transition from the school classroom to a meaningful job. Students will learn about the skills they will need to succeed on the job now and in the future. Other skills students need to succeed in the workplace include the ability to dress appropriately for work and to work safely on the job. Students may enroll in the "School to Work" training program during Grade 12. The coordinator will provide enrollment requirements, including that the enrollment must be different than a current or past employer. Availability based on placement opportunities in the community.

Agriculture Education

Agriculture impacts every aspect of your life; from the food you eat to the clothes you wear, all things are rooted in agriculture. Enrolling in agriculture education courses provides you with the opportunity to find your personal connection to agriculture and connect general education concepts to real-life scenarios through project-based labs and activities. Through hands-on learning opportunities, students in agriculture education courses complete multiple projects in animal science, plant science, natural resources, technology, mechanics, woodworking, and metalworking.

The agriculture industry is the number one industry in North Dakota, and agriculture-related jobs employ over 20% of the United States' workforce. Leadership and career-ready skills needed for these high-demand jobs are developed and enhanced through participation in agriculture education courses and FFA. FFA is a national youth organization that promotes premier leadership, citizenship, and career success. Students who want to be a part of FFA must be enrolled in at least one Ag class per year, officers must be enrolled in one Ag class per semester.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
01074	Agriculture IV	1			X	X
01025	Agronomy	1/2			X	X
01043	Ag Mech Technology I	1			X	X
01044	Ag Mech Technology II	1			X	X
01035	Ag Business	1			X	X
1045	Ag Welding (Pre-Requisite required/limited class size)	1/2			X	X
01012	Foundations of Ag	1		X		
01011	Intro to Ag	1	X			
01990	Independent Ag Studies	1/2	X	X	X	X
01067	Vet Science	1/2			X	X
	SAE (Summer Only)	1/2	X	X	X	X

Ag IV

Grade 11-12

1 Credit

This course develops agricultural skills necessary for employment, entrepreneurship, or further education in agriculture and agricultural occupations. Units may include livestock production, farm business management, horticulture,

small animal production, and environmental and natural resources. Leadership development and supervised agricultural experiences will also be emphasized. Learning activities vary with classroom, laboratory, and field experiences.

***Offered on ODD school years.**

Agronomy

Grade 11–12

1/2 credit

This course provides the study of plant physiology and morphology and their relationship to the 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. The role of technology in production agriculture will also be emphasized. Relevant career opportunities and educational preparation are examined in addition to Supervised Agricultural Experiences. Learning activities are varied with classroom, laboratory, and field experiences.

***Offered on EVEN school years.**

Ag. Mechanics Technology I

Grade 11–12

1 credit

This course provides students with the opportunity to learn more about topics related to agricultural mechanics and technology. Topics can include the following: electrical, structures, concrete, small engines, supervised agricultural education, and other machinery processes. Learning activities vary with classroom, laboratory, and field experiences. ***Offered on EVEN school years.**

Ag. Mechanics Technology II

Grade 11–12

1 credit

This course provides students with the opportunity to learn more about topics related to agricultural mechanics and technology. Topics can include the following: plumbing, surveying, supervised agricultural experiences, welding processes (brazing & TIG), energy, and other machinery processes. Learning activities are varied with classroom, laboratory, and field experiences. ***Offered on ODD school years.**

Ag. Business

Grade 11–12

0.5 credit

This course is designed to introduce the students to agribusiness management in the free enterprise system. It includes a study of economic principles, budgeting, recordkeeping, finance, risk management, business law, marketing, sales and service, and careers in agribusiness. Leadership development and supervised agricultural experience programs are an integral part of this course. ***Offered on EVEN school years.**

Aq. Welding**Grade 11-12****0.5 credit**

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), Gas Tungsten Arc Welding (GTAW), Plasma Arc Cutting, Safety and Metal Fabrication. ***Offered on EVEN school years.**

- **Class Size Limit: 11**
- **Pre-Requisite: Foundations of Agriculture**

Foundations of Ag**Grade 10****1 credit**

This applied course is designed to enhance the student's perception of agriculture, its applications, and leadership development as the core foundation of the Agriculture Education program. Units covered in this course include Public Speaking (Demonstrations & Ag Issues), Animal Science, Woodworking, Welding, Supervised Agricultural Experiences, and Animal Science, and how these applications are part of everyday life. Learning activities are varied in the classroom and laboratory.

Introduction to Ag**Grade 9****1 credit**

An applied class designed to enhance the student's perception of Agriculture, its application, as well as the student's leadership development. Students will develop leadership skills while learning about the 3-circle model of Agricultural Education as they apply principles of public speaking while learning about FFA. Additionally, the class will familiarize the students with basic principles in Woodworking, Oxy-Acetylene welding and cutting processes, Agronomy, Supervised Agricultural Experiences, and how these applications are part of everyday life. Learning activities are varied in the classroom and laboratory.

Independent Ag Studies**Grade 9-12****1/2 credit**

This course provides students in agriculture an opportunity to expand and explore the fields of agriculture, leadership, and personal development individually. Throughout the semester, students will complete an Agriscience research project in the agricultural field and gain valuable skills related to research development. Additionally, students are required to exhibit Agriscience projects at the ND FFA State Convention. Students will track Supervised Agricultural Experience hours during the semester. ***Offered every year, can be taken twice for 1 full credit.**

Vet Science**Grade 11-12****1/2 credit**

This course is designed to prepare students for careers in the field of animal science by introducing them to veterinary practices as they relate to both large and small animal species. The student will participate in laboratory and field investigations and demonstrate safety by using critical thinking, scientific reasoning, and problem-solving to make informed decisions. They will research and describe the history of veterinary medicine, current topics, the importance of animals in society, and the professional ethics and laws that relate to veterinary medicine. The student will learn to explain the human-animal bond and describe the legal aspects of animal welfare. The student will identify anatomical structures and systems of animals and correct terminology while exploring animal management as it relates to animal identification, animal characteristics, and behavioral temperament (i.e., normal behavior compared to sick behavior.) The student will evaluate animal diseases and identify internal and external parasites, and evaluate an animal's health during a clinical examination while safely operating and maintaining equipment used in veterinary science. Learning activities are varied with classroom, laboratory, and field experiences. . ***Offered on EVEN school years.**

SAE (Summer)**Grade 9-12****1/2 credit**

During this period, the instructor will make a minimum of one visit to your placement/entrepreneur job site. At this visit, the student, instructor, and employer will evaluate the progress of the student's education, and their increase in responsibilities. The student is required to show the instructor the records he/she is keeping on income, expense, and hours worked. At the end of the course, these all records must be entered into the AET for credit. No credit will be given if the appropriate entries have not been received by the instructor by the specified time. Students will be required to attend a 1-hour AET training with the instructor at the beginning of the course to review AET record keeping skills and expectations for the course. This will be scheduled either in person or via Google Meets the second week of June. Even though the course runs through the month of June and July, records prior to that may be included to meet the 150-hour requirement for receiving 1/2 credit.

Art

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
14098	Yearbook	1/2			X	X

Yearbook (Typically 2nd semester only) Grade 11-12 1/2 credit

Yearbook is a semester-long, 1/2 credit, technology class that produces the school yearbook. Students in this course are expected to have a high level of maturity and the ability to work independently. Students will be responsible for the design and layout of the school yearbook. This is a wonderful opportunity for members of the team to exercise their creativity while developing new skills in computer design, photography, and project management. Creating the yearbook is a fun process, and the result of all the effort is a product that the students can be proud of. (limited to select juniors/seniors)

Business Education

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

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
14010	Accounting I (taken with Accounting II)	1/2		X	X	X
14011	Accounting II (taken with Accounting I)	1/2		X	X	X
14060	Business Communications	1/2		X	X	X
14230	Business Fundamentals	1/2	X	X	X	X
14111	Entrepreneurship	1/2		X	X	X
14095	Personal Finance *	1/2				X
14090	Business Law	1/2		X	X	X
14026	Database/Spreadsheets	1/2	X	X	X	X
14099	Multimedia	1/2	X	X	X	X
14231	Sports & Entertainment Management	1/2		X	X	X
	*Required for graduation					

Accounting I & II

Grade 10-12

1 credit

This course is designed to show the importance of keeping accurate financial records as well as how to accurately keep these records. Accounting areas will include journalizing, posting, and the preparation of financial statements. Computer accounting applications are included in both semesters.

Business Communications

Grade 10-12

1/2 credit

Students will learn to integrate oral and written communication in a clear, complete and correct way on both a personal and professional level. This course will focus on leadership, listening skills, and teamwork in order to communicate in

the business profession. Using emails, meetings, and social media to solve problems, and make decisions to keep things running smoothly.

Business Fundamentals **Grade 9-12** **1/2 credit**

The objective of this course is to provide students with business-related knowledge. The economic welfare of the consumer and consumer groups in everyday life, including money management, purchasing and utilization of goods and services, banking, investments, credit evaluation, consumer research and product testing, and the role of the consumer in the economy.

Entrepreneurship **Grade 10-12** **1/2 credit**

Students in Entrepreneurship will develop skills needed to effectively organize, develop, create, and manage their own business. Topics covered include entrepreneurial concepts, characteristics of business organizations, business opportunities, entrepreneurial career examples, individual career assessment and planning, and entrepreneurial projects and simulations.

Personal Finance * **Grade 12** **1/2 credit**

This course is required for all seniors for graduation. Students in Personal Finance 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 out interest and fees, being a responsible consumer, earning power, learning about taxes and paycheck withholding, college costs, mortgages, retirement savings, and investments. This course will provide a foundational understanding of making informed personal financial decisions

Business Law **Grade 10-12** **1/2 credit**

Students in Business Law will be introduced to the fundamental background of the development and enforcement of laws, the difference between criminal and civil law, and our present court system and how it works. Topics to be discussed include laws concerning contracts, sales, consumers, property, computers, family, environment, wills and trusts, and bankruptcy

Database/Spreadsheets **Grade 9-12** **1/2 credit**

Students will create tables, queries, forms, and reports to understand the functionality of a database. This course will include the design and use of worksheets, writing formulas, analyzing data, and charting data

Multimedia **Grade 9-12** **1/2 credit**

Students will learn how to plan, design, and produce digital content using a variety of tools and platforms. Images, logos, backgrounds, and navigation tools for

digital display will be used in multimedia and Internet applications. Along the way, students will explore how multimedia is used in business, entertainment, education, and social media.

Management

Grade 10–12

1/2 credit

This course explores the industries of sports and entertainment through the lens of business and management. Topics include leadership, motivation, planning, teamwork, and goal setting with the ability of adding marketing strategies, event planning, sponsorships, public relations, legal and ethical issues in the industry. Students will learn how events, teams, concerts, and celebrity brands are planned, promoted, and managed. Using real-world case studies and creative projects you will see how sports and entertainment companies operate behind the scenes.

Family and Consumer Sciences

Family and Consumer Science courses are designed to provide experiences and skills that students need to succeed in a changing world and prepare for their adult lives. Transfer of mathematics, technology, science, reading, and writing to real-life situations and employment helps students evaluate choices and plan for success. Students gain skills and experiences in nutritional food selection and preparation, relationships, child development, parenting, clothing and housing choices, money management, and career planning. FCCLA (Family Career Community Leaders of America) provides opportunities for students to develop leadership skills, focuses on the family through chapter service, and encourages students to develop a STAR event project in an area of interest, possibly participating in state and national competitions.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
09026	Child Development	1/2		X	X	X
09027	Clothing & Textile Arts I	1		X	X	X
09029	Clothing & Textile Arts II	1		X	X	X
09136	Culture & Cuisine	1/2			X	X
09129	Individual & Family Health*	1/2	X			
09022	FACS I	1	X	X	X	X
09135	Foods & Nutrition	1/2			X	X
09025	Independent Living	1/2		X	X	X
09133	Housing & Design	1/2		X	X	X
09037	Independent Study Textiles & Apparel	1/2	X	X	X	X
09137	Sports Nutrition	1/2		X	X	X
	*Required for Graduation					

Child Development**Grades 10–12****1/2 credit**

This course will increase knowledge of how children grow and develop and will encourage the development of skills that support the healthy growth of individuals. Content will include individual development from birth to adolescence, how children learn, age-appropriate activities for children, family development and preparation for parenthood, prenatal development and birth, changing relationships in the family, childhood accidents and emergencies, children with special needs, childhood trauma, and options in child care and related careers. Attention is given to current issues that relate to children as well as the responsibilities and economic aspects of parenting and sources of support and assistance. Students may experience parenting by caring for a “Real Care” baby. An optional project is available. Students will also have the opportunity to experience pregnancy simulation, work with drug-affected and fetal alcohol syndrome-affected demonstrators, and use a shaken baby simulator. Hands-on projects reinforce concepts learned.

Clothing & Textile Arts I**Grades 10–12****1 credit**

This course provides students with the knowledge and skills to recognize and create design details in textile projects, garments, and home furnishings; use and personalize commercial patterns, create their own basic designs, and perform basic alterations and repairs. Students will explore areas of interest and learn skills related to creative arts, textiles, apparel, and home furnishings. Individualized lab work (projects) involves constructing a variety of projects, including creative art, pieced and quilted items, accessories, garments, and textile and home furnishings using the concepts taught. Time management, creativity, workmanship, safety, and appropriate skill levels will be monitored.

Clothing & Textile Arts II**Grades 10–12****1 credit**

This course builds on Clothing and Textile Arts I. Students will expand their knowledge and skills from what they learned previously. Individualized lab work (projects) involves designing and constructing a variety of projects, including quilts, garments, and home furnishings at a more advanced level. Time management, creativity, workmanship, safety, and appropriate skill levels will be monitored.

Culture & Cuisine**Grades 11–12****1/2 credit**

During this semester course, students explore the people, customs, culture, cuisine, traditions, and dietary guidelines of countries in various parts of the world. Topics will include history and geographic location, religious customs and practices, unique food preparations, celebrations, and cultural cuisine. Students will also study various regions of the United States, prepare food characteristics of those regions, and determine the relationship to other countries. Possible

countries “visited” include Mexico, Latin America, South America, the United Kingdom and Ireland, Canada, France, Germany, Italy, Spain, Greece, Scandinavian countries, Japan, China, and India. Labs will combine the familiar with the exotic to create foods of the world. Fri-YAY labs are also part of this course.

Individual & Family Health * **Grade 9** **1/2 credit**

This course is designed to help students identify what constitutes "good health" and learn ways to maintain optimum levels of wellness. The course includes identifying characteristics of a healthy person and healthy relationships, maintenance of health (including nutrition, mental and physical fitness, and personal hygiene), selecting and using health care products and services, protection against disease, and the effects of tobacco, alcohol, and drugs. It will also address accident prevention and preparing for emergencies, including instruction in CPR and first aid; community health services and programs; current issues related to personal, family, and world health; and related careers and leadership development.

FACS I **Grades 10–12** **1 credit**

The first nine weeks of this course will include clothing-related information, introducing the student to basic consumer skills in fabric, design, construction, and maintenance. Instruction will include cost analysis, wardrobe planning, basic sewing and fiber terminology, equipment for hand and/or machine sewing, reading and using a pattern, and care and maintenance of fabrics and garments. Students will learn the proper use of an iron, sewing machine, and serger and construct pajama pants from the fabric of their choice. The second nine weeks will prepare students to make critical decisions about food that will contribute to the health and well-being of themselves, their families, and their communities. Students will learn how nutrients work, guidelines for healthy eating, and how to read and use information on food labels. The course will also address measuring, basic cooking terms and techniques, working safely in the kitchen, and food selection and storage. Lab experiences will focus on reading recipes, measuring correctly, and safely preparing a variety of simple foods in a lab setting. In the 3rd nine weeks, students will learn how to relate to family and children, build strong families, address family challenges, explore child development and care, and understand the role of a parent. In the fourth nine weeks, the course will address the role of a consumer, housing, and the environment, and apply the use of the elements and principles of design to interior design projects. Students will utilize communication, time management, and consumer skills to complete hands-on projects.

Foods and Nutrition **Grades 11–12** **1/2 credit**

This course will examine the nutritional needs of the individual, emphasizing the relationship of diet to health. Advanced cooking terms and techniques, kitchen and meal management, time and resource management, and food preparation techniques are explored. This course will address food trends and options such as organic foods, vegetarian diets, convenience foods, eating out, lactose and gluten intolerance, diabetes, food allergies, and nutrition supplements. Enhanced food preparation techniques, food and kitchen safety, kitchen and meal management, and time and resource management will be implemented in food labs. Students will complete the Teens Serving Food Safely course as a requirement of this class. Students will also choose and prepare their lunch once a week in Fri-YAY labs.

Independent Living

Grades 10-12

1/2 credit

This course is designed to prepare students for the responsibilities involved in becoming self-sufficient young adults, preparing for life away from the parental home during or immediately following high school. Course content will help prepare students for success beyond high school. Topics covered include living independently; making choices about housing, nutrition and food, clothing, transportation, health and wellness; developing and sustaining relationships, supporting oneself, making financial decisions, using time to achieve personal goals, finding a balance in life, and choosing a career path. Current issues that affect personal decisions, societal and environmental impacts of personal decisions, sources of support and assistance in the community, and leadership development will also be addressed. Hands-on activities will provide students with the skills needed in dealing with the important areas of consumer skills, identity theft, and fraud, finance and money management, understanding a paycheck and tax forms, managing money, building financial security, living independently, making spending decisions, and wellness and nutrition choices. There will be guest speakers on pertinent topics. Students will have the opportunity to create a list of "NEEDS" topics to be addressed in class.

Housing & Design

Grades 10-12

1/2 credit

This course is designed to encourage a broad understanding and appreciation of Housing and Interior Design. Topics and projects will lead students through the many issues of selecting and personalizing a home. This course will include the various housing and design options available that address the diverse needs and life situations of today's society. Students will be participating in many hands-on activities in project-based lessons, including building a STEM house of non-perishable food and revamping a lamp.

Independent Study Textiles & Apparel

Grades 9-12

1/2 or 1 credit

Students will explore areas of interest related to apparel, textiles, and home furnishings. Students may expand their interest and/or expertise in a clothing or

textiles area, to explore a topic in greater detail, or to develop more advanced skills. Students will design and create a full-sized quilt or advanced-level garment/garments.

Sports Nutrition

Grades 10–12

1/2 credit

This course explores the vital role of nutrition in enhancing energy, physical performance, and overall wellness. Designed for students with interests in sports, fitness, or general health, the curriculum covers a broad range of topics including sports nutrition, personal goal setting, stress management, and informed food decision-making. Students will examine current issues such as meal planning, eating out, fast food culture, family dietary habits, weight management, food labeling, hydration and genetically modified organisms (GMOs). Through both classroom instruction and hands-on lab experiences, students will develop practical skills and personalized strategies for building and maintaining a healthy lifestyle.

Language Arts

Any student planning to graduate from MLS must have a minimum of four language arts credits.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
05034	Advanced British Literature	1		X	X	X
05031	American Lit I & II * ^	1			X	
05111	Applied Communications	1	X	X	X	X
05040	Composition I & II * ^	1				X
05042	Creative Writing	1/2		X	X	X
05071	Language Arts 9 *	1	X			
05072	Language Arts 10 *	1		X		
05033	Modern Literature	1/2		X	X	X
05099	Mass Media	1	X	X	X	X
05043	Mythology I	1/2		X	X	X
05039	Mythology II	1		X	X	X
	*Required for Graduation					
	^In-House Dual Credit Option					

Advanced British Literature

Grades 10-12

1 credit

This course is a survey of British Literature from the Anglo-Saxon period to the present. Students will study literature from previous historical periods and examine this literature's influence on J.R.R. Tolkien's modern fantasy literature. Students will appreciate how specific historical periods shaped the literary conventions of their respective times. Students will take part in group discussions and occasional oral readings. Assignments will consist of writing arguments and analyses about literary content, as well as the composition of essays.

American Literature I & II*^ **Grade 11** **1 credit**
American Literature focuses on studying short and long fiction from major American authors. Students will continue to develop skills in the literacy domains of speaking, writing, reading, and listening by working with fiction and nonfiction texts. Students will compose essays after completing the assigned novels. Grammar and punctuation skills are reviewed and strengthened.
^In-house Dual Credit option

Applied Communication **Grade 9–12** **1 credit**
Applied Communications is a practical English class focused on developing strong speaking and writing skills for real-world situations. At the beginning of the course, students will build their confidence through traditional speeches, such as informational and argumentative presentations. As the course progresses, they will apply these speaking skills to everyday communication tasks like mock job interviews, group discussions, and impromptu speaking. In addition to public speaking, students will strengthen their written communication by creating professional documents such as letters of intent, memos, and workplace emails. This course prepares students to communicate effectively in both academic and professional settings.

Composition I & II*^ **Grade 12** **1 credit**
Composition I and II focus on developing college-level reading, writing, and research skills. Students will compose essays in a variety of genres, including argumentative, informational/expository, persuasive, and narrative essays.
^In-house Dual Credit option

Creative Writing **Grades 10–12** **1/2 credit**
Creative Writing introduces students to fiction writing skills and topics by analyzing various works of art and having students create original fiction pieces.

Language Arts 9 * **Grade 9** **1 credit**
The focus of Language Arts 9 is to begin developing reading and writing skills that each student will need to be successful in higher-level Language Arts Classes. An emphasis on reading will be put on summarizing, paraphrasing, and discussion. An emphasis on writing will include the steps of the writing process as well as the research process.

Language Arts 10 * **Grade 11** **1 credit**
Language Arts 10 includes a wide range of topics that are used to develop skills in the literacy domains of reading, writing, speaking, and listening. Previous conventions of grammar and punctuation are reviewed, and upper-level conventions are introduced. Students read short and longer fiction, focusing on

analyzing elements of literature. While reading fiction texts, students develop an understanding of both the structure and the meaning of a literary work. When studying nonfiction texts, students focus on comprehension skills and introductory rhetorical analysis skills.

Mass Media

Grades 9–12

1 credit

Mass Media is an engaging, project-based English class where students explore the power of communication through various forms of media. Students will examine how language, visuals, and storytelling shape public opinion and reflect cultural values in formats such as newspapers, film, printed advertisements, social media, and more. Throughout the course, they will analyze existing media for purpose, bias, and effectiveness, while also creating their own original content. From writing articles and designing print ads to scripting and editing short films, students will strengthen their reading, writing, and critical thinking skills in a real-world context.

Modern Literature

Grade 10–12

1/2 credit

Modern Literature focuses on developing more advanced literary interpretation and analysis skills by studying a range of short and longer fiction in a variety of genres. Students will compose several original works of their own in these respective genres.

Mythology I

Grades 10–12

1 credit

This course examines several different mythological groups from a literary perspective. In the first part of each Unit, there is a major focus on the characters of mythology, explaining what they did and how they impacted each story they were in. The second part of each Unit looks further into the stories of the unit's mythology. This course is fast-paced and encompasses the following: character analysis, writing, large group discussions, and presentations.

Mythology II

Grade 10–12

1 credit

This course is a year-long English elective that dives deeper into the myths, legends, and folklore that have shaped cultures around the world. During the first few months, students will revisit more familiar mythologies such as Greek, Roman, and Norse through reading, discussion, and creative projects. As the year progresses, the focus will shift to lesser-known or uncommon mythologies from regions such as Mayan, Aztec, Celtic, and Japanese. Students will explore the themes, characters, and cultural significance of these stories and complete a variety of projects that encourage critical thinking, creativity, and connections to modern storytelling.

Mathematics

Mathematics is an experience that requires student involvement, effort, and serious study. Three (3) credits of mathematics are required.

TYPICAL SEQUENTIAL MATH PROGRAM

Year 1 (typically 9th)	Year 2 (typically 10th)	Year 3 (typically 11th)	Year 4 and/or 5 (typically 12th)
Alg I	Geometry	Alg II	Advanced Math
		IntermediateAlg	DC College Alg (online)
Year 1 (typically 9th)	Year 2 (typically 10th)	Year 3 (typically 11th)	Year 4 (typically 12th)
Basic Alg A	Basic Alg B	Geometry	IntermediateAlg
			Cons/Applied Math

ALG I PATHWAY VS BASIC ALG A/BASIC ALG B (SPLIT ALGEBRA) PATHWAY

	Split Algebra	One Year Algebra
9th	Basic Algebra A (Pre-Algebra)	Algebra 1
10th	Basic Algebra B (Algebra 1)	Geometry
11th	Geometry	Intermediate Algebra/Algebra 2
	Enough credits to graduate	Enough credits for a 4-year school
12th	Intermediate Algebra/Algebra 2	Colege Algebra/Advanced Math
	Required to go to a 4-year school.	Not required but it is not
		recommended to not take a math
		Senior year.
	Basic Algebra A and B cover the exact same material as Algebra 1 in 2 years instead of 1.	

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
11181	Advanced Math #	1			X	X
11031	Algebra I #	1	X			
11032	Algebra II #	1			X	
11190	Applied Math	1/2			X	X
11030	Basic Alg A	1	X			
11031	Basic Alg B #	1		X		
11145	Consumer Math	1/2			X	X
11120	Geometry #	1		X		
11032	Intermediate Algebra #	1			X	X
	#Count toward ND University 4 credits					

Credits from the following courses count toward graduation at MLS, but DO NOT meet the requirements for the 4-year ND University math requirement.

Applied Math **Grades 11-12** **1/2 credit**

This course focuses on real-life math applications and applying previous knowledge to real-world situations. It also involves different tricks to apply to previous skills. **This course is typically taken the same year as Consumer Math.**

Consumer Math **Grades 11-12** **1/2 credit**

The student will focus on real-world problems such as balancing a checkbook, buying a car, buying a home, purchasing insurance, securing loans, and other consumer applications. **This course is typically taken the same year as Applied Math.**

Basic Algebra A **Grade 9** **1 credit**

This course is designed to be slower-paced and covers the first half (semester 1) of what is covered in Algebra I throughout the year.

Three credits from the following courses are required to meet the 4-year ND university math requirement.

Algebra I**Grade 9****1 credit**

This course emphasizes the basic necessary simplification and solution methods involving variables. It incorporates word problems into the solution techniques. Graphing, factoring Polynomials, and radicals will also be covered extensively. [Prerequisite: Math 8]

Algebra II**Grade 10****1 credit**

The objective of this course is to expand on the knowledge acquired in Algebra I and move into sequences, series, exponentials, logarithms, and trigonometry. Basic uses of TI-82 and/or TI-83 Plus will be covered. [Prerequisite: Algebra I and prefer to have had Geometry.]

Basic Algebra B**Grade 10****1 credit**

This course is designed to be slower-paced and covers the second half (semester 2) of what is covered in Algebra I.
**Same Course Code as Alg. I (Can not take if took Alg. I)

Geometry**Grade 10****1 credit**

This course will concentrate on learning about parallel lines, perpendicular lines, triangles, and circles. Students will utilize that knowledge in a solution and proof. Areas, volumes, and construction will also be highlighted. [Prefer to have had Algebra I]

Intermediate Algebra**Grades 11-12****1 credit**

This course is designed to reinforce those concepts covered in Algebra I, but does not reach the level of difficulty covered in Algebra II. This course meets the requirements for university entrance. [Prerequisites: Algebra I]
**Same Course Code as Alg. II (Can not take if took Alg. II)

Advanced Math**Grades 11-12****1 credit**

This course provides an in-depth study of algebraic concepts, preparing students for higher-level mathematics. Topics include polynomial, rational, exponential, and logarithmic functions; systems of equations and inequalities; matrices; sequences and series; and an introduction to analytic geometry. Emphasis is placed on problem-solving, critical thinking, and real-world applications. Students will develop skills necessary for success in college-level mathematics courses. A strong foundation in algebra is recommended.

Music

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
12051	Concert Choir	1	X	X	X	X
12040	Concert Band	1	X	X	X	X

Concert Choir

Grades 9–12

1 credit

Students will learn proper vocal techniques by experiencing a balance of sacred and secular music from various periods of time. Students enhance and improve their personal singing ability by providing an opportunity to participate in a group of experienced and inexperienced singers, composed of large and small group ensembles, and solos.

Concert Band

Grades 9–12

1 credit

Concert Band is a continuation of instrumental studies, techniques, and styles through the use of various music literature, incorporated into large-group ensembles, small-group ensembles, and solos.

Physical Education

All 9th–grade students must be enrolled in Individual & Family Health and Physical Education.

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
08030	Physical Education*	1/2	X			
08040	Weights (limited class size)	1/2		X	X	X
	*Required for Graduation					

Physical Education

Grade 9

1/2 credit

Students will participate in team, individual, and recreational activities. They will have an understanding of the rules of each activity. Furthermore, students will develop and foster enjoyment in the activities, leading to a healthy and active lifestyle. All students will attend and participate effectively, and develop socially and mentally.

Weights

Grades 10–12

1/2 credit

The High School Weights class is designed to help students develop strength, endurance, and overall fitness through structured weight training. Students will learn how to create personalized workout plans based on their individual goals, whether it's building strength, improving athletic performance, or enhancing general fitness. They will have the opportunity to implement their plans in a supervised setting, ensuring proper technique and safety.

This class is an excellent opportunity for students to challenge themselves, track their progress, and develop lifelong fitness habits. Whether you're a beginner or an experienced lifter, this course provides the tools and guidance needed to become stronger and healthier.

- **Class Size Limit: 16**

Science

A minimum of three credits of science are required for graduation to include:

- 1 credit Biology (9th Grade)
- 1 credit Physical Science (10th Grade)
- Plus 1 more elective credit

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
13021	Anatomy	1/2			X	X
13022	Physiology	1/2			X	X
13020	Biology *	1	X			
13031	Chemistry	1			X	X
13030	Physical Science*	1		X		
13042	Physics	1			X	X
13150	STEM	1	X	X	X	X
13034	Applied Biology & Chemistry	1			X	X
	*Required for Graduation					

Anatomy & Physiology

Grades 11-12

1/2 credit each

An in-depth study of the human body and biological system. Students study such topics as anatomical terminology and explore functional systems, such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. (offered on a rotating basis) {pre-requisite: Biology}

Biology *

Grade 9

1 credit

Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, photosynthesis, cellular respiration, genetics, and ecology. Laboratory experiences will be part of the curriculum.

Chemistry**Grade 11–12****1 credit**

Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations, and nuclear reactions are also studied. Laboratory experiences will be part of the curriculum. (offered on a rotating basis)

Physical Science***Grade 10****1 credit**

Physical Science involves the study of the structures and states of matter. It will include such topics as forms of energy, wave phenomena, electromagnetism, and physical and chemical interactions. Laboratory experiences will be a large part of the curriculum.

Physics**Grade 11 – 12****1 credit**

Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes the examination of sound, light, and magnetic and electric phenomena. It is a lab-oriented course. (offered on a rotating basis) {pre/co-requisite: Algebra II}

STEM**Grade 11 – 12****1 credit**

STEM is a project-based experience with Science Technology Engineering and Math. It focuses on engaging students in hands-on interdisciplinary application of the Engineering Design Process. Students engage in authentic projects to design and refine products and presentations. This course curriculum infuses academic content from Math, Science, Language Arts, and Social Studies. It utilizes technical skills and develops 21st Century Skills such as communication, networking, collaboration, decision-making, creativity, and critical thinking. (offered on a rotating basis)

Applied Biology/Chemistry**Grade 11 – 12****1 credit**

Applied Biology/Chemistry integrates biology and chemistry into a unified domain of study and presents the resulting body of knowledge in the context of work, home, society, and the environment, emphasizing field and laboratory activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, plant growth and reproduction, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life. [This course is designed for students in grades 11–12 who are not pursuing careers in a science-related field.]

Social Studies

Students are required to have three credits of social studies to graduate from MHS/MNHS. These requirements are as follows:

- 1 Credit of World History
- 1 Credit of Problems of Democracy
- 1 Credit of U.S. History

Course Code	Title of Course	Credit	Freshman	Sophomore	Junior	Senior
15201	Problems of Democracy *	1				X
15085	US History *	1			X	
15089	World History *	1		X		
	*Required for Graduation					

Problems of Democracy

Grade 12

1 credit

This course will look at the origins of our Constitution. We will discuss the three branches of government and their connection with the responsibilities of our president.

U. S. History

Grade 10

1 credit

This course studies people, places, and events in the 20th and 21st Centuries. Students study the presidents during these time periods who helped shape our past. Current events will also be a part of the curriculum.

World History

Grade 10

1 credit

The content of this course covers the study of ancient and modern cultures, how these cultures interact with each other, and the lessons that can be learned from those interactions. It includes a study of selected events, individuals, groups, institutions, artifacts, ideas, migrations, and other phenomena associated with world civilizations.

Required Courses by Grade

9th Grade (Freshman)

Math (Alg. I or Basic Alg A)

Language Arts 9

Biology

Physical Education (1 semester)

Health (1 semester)

10th Grade (Sophomore)

Math (Geometry or Basic Alg B)

Language Arts 10

Physical Science

World History

11th Grade (Junior)

Math (Alg II or Intermediate Alg)

American Lit I & II

US History

12th Grade (Senior)

Composition I & II

POD

Personal Finance (1 semester)

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