

Lac qui Parle Valley High School



2023-2024
Course Description Book

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LAC QUI PARLE VALLEY HIGH SCHOOL

GRADUATION REQUIREMENTS

LqPV Requirements	
1.0 Credit	English 9
1.0 Credit	English 10
0.5 Credit	Fundamentals of Communication, Small Group Communication, Public Speaking, or Theatrical Performance and Lit
0.5 Credit	Academic Writing or Digital Writing
0.5 Credit	Academic Lit, 21st Cent. Lit, or Human Diversity in Lit, or Theatrical Performance and Lit
0.5 Credit	Any additional English class
1.0 Credit	Geometry or Technical Geometry
1.0 Credit	Algebra II or Technical Algebra
1.0 Credit	College Algebra, Trigonometry and Statistics, or Tech Alg II
1.0 Credit	Physical Science
1.0 Credit	General Biology
1.0 Credit	General Chemistry or Physics
1.0 Credit	American History 9/Civics 9
0.5 Credit	World History
1.0 Credit	Global Geography/American History 11
1.0 Credit	Senior Social
1.0 Credit	Any Physical Education Class
0.5 Credit	Health
1.0 Credit	Student Choice in Visual, Performing, Culinary, or Media Arts
8 Credits	Student Choice
24.0 CREDITS	

- A. MINIMUM COURSES:**
1. Students **must** enroll in a minimum of **six credits each year**.
 2. Students may have **NO MORE than one study hall** each semester or they may take more credits if scheduling permits.
 3. Student may **NOT** take an Independent Study Course and a Study Hall in the same semester.
 4. Independent Study Courses will be graded on a Pass/Fail (P/F) grading scale.
 5. Student is limited to only **ONE** Independent Study area/semester (non-concurrent with a study hall).
- B. COURSE CREDITS:**
1. Each semester course earns 0.5 credit (1/2 credit) - one hour per day attendance.
- C. COURSE AND CREDIT REQUIREMENTS:**
1. A total of **24 credits** are required for graduation, Grades 9-12.
- D. MCA-II GRADUATION REQUIREMENTS:**

1. Proficiency in MCA-II Grad exams in Reading, Math and Written Composition.

College in the Classroom

College/University Credit

College Now

College Now courses are offered in conjunction with Southwest Minnesota State University (SMSU). College credit can be obtained in the following classes:

1. Introduction to Psychology
2. Sociology
3. College Algebra
4. Pre-Calculus
5. Physics
6. Advanced Chemistry
7. Fundamentals of Communication
8. Human Diversity in Literature
9. Academic Writing

Students must meet the following prerequisite:

Juniors-Rank in the top third of their class and have a minimum 3.0 GPA

Seniors- Rank in the top half of their class and have a minimum 3.0 GPA

Class rank can be replaced by placing appropriately on any nationally standardized norm-referenced test such as PLAN, ACT, SAT, PSAT or ITED. (70th percentile for upcoming juniors or 50th percentile for upcoming seniors)

Student Appeals

Students are required to appeal the semester before the course they are hoping to take, so if they are close to the border, you might consider going ahead with the appeal in case they drop below based on current semester outcome. The appeal form and information can be found on the SMSU College Now website under “student resources:” [Student Appeal](#).

Student appeals consist of:

- A student appeal form
- Letter from student
- Letter of recommendation from either a H.S. teacher, counselor, principal or other appropriate person
- Copy of high school transcripts

Post-Secondary Enrollment Option (PSEO)

Post-Secondary Enrollment Option (PSEO). Through PSEO high school students receive high school credit through successful completion of college course work. College coursework taken through the PSEO program may include on campus, as well as, online classes.

Additional information is available in the counselor’s office.

NCAA LIST OF APPROVED CORE COURSES FOR LAC QUI PARLE VALLEY HIGH SCHOOL

For purposes of meeting the core-curriculum requirements to establish initial-eligibility at an NCAA Division I or II college or university, a “core course” must meet ALL of the following criteria:

- A course must be a recognized academic course and qualify for high-school graduation credit in one or a combination of the following areas: English, Mathematics, Natural/Physical Science, Social Science, Foreign Language, Computer Science or non-doctrinal religion/philosophy. (IMPORTANT NOTE: For students first entering an NCAA institution on or after August 1, 2005, computer science course cannot be used to meet initial -eligibility requirements.
- A course must be considered college preparatory by the high school. College preparatory is defined for these purposes as any course that prepares a student academically to enter a four-year collegiate institution upon graduation from high school;
- A mathematics course must be at level of Algebra I or a higher level mathematics course;
- A course must be taught by a qualified instructor as defined by the appropriate academic authority (e.g., high school, school district or state agency with authority of such matters); and
- A course must be taught at or above the high school’s regular academic level (i.e., remedial, special education or compensatory courses shall not be considered core courses). However, the prohibition against the use of remedial or compensatory courses is not applicable to courses designed for students with learning disabilities.

Core Courses Approved Include

English

English 9	English 10	Academic Writing
Academic Literature	Fundamentals of Communication	21 st Century Literature
Human Diversity in Literature		

Mathematics

Algebra II	Algebra III	Geometry
Trig & Stats	Pre-Calculus	

Natural/Physical Science

Anatomy Physiology	Advanced Chemistry	General Biology
General Chemistry	Physical Science 9	Physics

Social Science

American History-9	Civics 9	World History-10
Global Geography	American History- 11	Senior Social
Intro to Psychology	Sociology	

AGRICULTURE

Arts, Audio/Visual Technology and Communication

Art in Ag

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 118

This course encourages artists to investigate the visual resources of the science and practice that sustains human life: agriculture. It strives to develop an understanding and appreciation of food and fiber production, especially among people not traditionally acquainted with agriculture. This course will involve leather working, photography, spinning, and jewelry/silver making.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Ag Communication Technology

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 196

This project centered course is designed to provide students the opportunity to explore an array of areas within communication in the agriculture industry. Hands-on experiences will include working in today's media communications; radio and TV production as well as internet based live streaming. The projects assigned and generated by you the student will be utilized for our Eagle Eye News Network and Q92.1 FM radio station and for our streaming of school and community events. This course is all about applying core curriculum into real world situations with a hidden goal of creating awareness for all ages and strengthening our school community spirit.

●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027 ●2027-2028 ●2028-2029

Business, Marketing, Finance and Administration

Ag Leadership

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 117

This course is designed to give you a competitive advantage in the working world. This course will provide you with valuable leadership and communication skills that a person will use in their everyday lives. Students will become familiar with different ways of exercising leadership, their own strengths and weaknesses, and how they can best work with others in a leadership context. They will learn and apply leadership skills in a hands-on practical way in project based learning. The emphasis is on the application of concepts in actual leadership settings and situations. This course is based on the premise that each student will face a variety of leadership challenges in life. How these challenges are met, whether as a formal leader or a member of a team, can have a significant impact on an organization and on one's career. Learning more about leadership will help every student meet their leadership challenges.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Ag Careers

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 122

This course develops student leadership skills that the student can apply in everyday life. It will focus on personal skills development and team building activities in preparation for employment. Students will explore several agriculturally-related careers in the Lac qui Parle area to directly correlate their personal employability skills with the business community's expectations and needs. To recognize the globalization of agriculture, the students create job campaign materials (job application, resume, cover letter, follow up letter, reference list), participate in mock job interviews with local employers, learn basic etiquette for on the job and everyday situations, on compile a portfolio of artifacts to use when interviewing for scholarships, jobs, or post-secondary programs.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Ag Sales

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 118

This course will help students understand the basics of selling agriculture products. Students will work individually as well as with a team to develop plans to attract new customers, build customer relations, and continue those customer relations. Learning to advertise and promote their products will be a section of this course as well. Sales units will include human relations, personal inventory, careers, sales presentations, customer relations, marketing, purchasing, grading, and transporting.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Farm Management

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number:

This course is designed to provide students with economic concepts that can be applied to management decisions using farm and ranch situations, and to develop skills in planning and budgeting, business financial analysis. It develops decision-making skills in planning, organizing, directing and controlling farm business. Topics such as farm recordkeeping and accounting systems are also explored.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Food Products and Processing Systems

Food Science and Preservation

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 104

This course is designed to study the basic principles of food preparation, food processing and preservation. This course provides learning experiences in food science and safety which allow students to apply to practice in areas used in the development and preservation of food products. Issues of food science and safety are examined. Students will investigate areas of food science including food safety, food processing and packaging, food product development, and preservation.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Ag Culinary Skills

*Art Credit Available

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 102

This class will focus on the basic skills and ingredients of agricultural food products. This course is for the beginner to learn basic food preparation skills. Topics include food safety, proper knife skills, recipe reading, proper equipment use, microwave cooking, cooking with milk, eggs, and cheese, and an introduction to baking techniques.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Food Products and Processing

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 101

This class will focus on the entire process involved in the movement of food from the farm to the grocery store. Many integral topics to food processing will be covered including methods of food preservation, monitoring the production process for safety, and creating effective packaging and labeling.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Meat Science

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 112

Identifying and processing of beef, lamb, pork, poultry, and wild game provide students with the skills needed in an agricultural or food-related career. This course will discuss the process of growing meat animals, through each different processing channel, and finally to consumer consumption. Gain experience making sausage, jerky, bacon and ham while learning how to safely operate the processing equipment and market the product. Practice quality grading and yield grading beef.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Meat Cutting and Processing

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 108

This course will prepare individuals to cut, and package animal meat products in a classroom setting and work with licensed meat cutters/butchers. It includes instruction in product recognition for beef, veal, lamb, pork, poultry, and fancy and smoked meats; retail and wholesale cutting and specialty cuts; packaging and counter display; shop safety; meat sanitation, storage and rotation; quality control; meat handling laws and regulations; and customer service. It will prepare students for careers such as: butcher apprentice, food science technician, food safety specialist, meat carvers, State and Federal meat inspector, meat market manager, retail/wholesale meat processor and cutter and harvest floor employees.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Manufacturing

Basic Ag Welding

*Art Credit Available

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 106

In this class students will study the principles of metal and the processes used to fabricate them into consumer products and industrial uses. Participants will learn welding safety practice and techniques used in manufacturing. This class will explore many hands on activities with some individual projects, exploring the welding techniques of aluminum, gas, wire feed, and stick arc welding. These activities will include the uses of electric welding devices and gases such as acetylene, argon, oxygen and carbon dioxide. Applications to current issues and careers will also be presented.

●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027 ●2027-2028 ●2028-2029

Advanced Metals

*Art Credit Available

Grade Level: 10, 11, 12

Prerequisite: Basic Ag Welding

Course Length: One Quarter (2 blocks)

Course Number: 107

In this class students will be responsible for designing and fabricating structures according to blueprint design. The learner will learn about cost calculations used in manufacturing products. They will demonstrate welding techniques used in manufacturing and learn the necessary marketing skills to deliver the product in a cost effective way. Students will design and create and fund a project for individual use.

●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027 ●2027-2028 ●2028-2029

Mechanics, Transportation, and Logistics

Small Engines

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 103

The primary purpose of this course is to provide students an opportunity to develop knowledge and skills related to maintenance, repair, and operation of equipment, small combustion-type engines. Further emphasis is placed on power service, fuel, electrical, ignition, and emission systems used on small gas engines. 2-stroke and 4-stroke engines will be torn down, as well as vertical, horizontal, and v-twin engines.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Large Power Equipment

Grade Level: 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 109

This course will focus on skills necessary to work on large power equipment and machinery. Focus areas include technician safety and job training, power trains, precision systems, electrical and sensor technology, diesel systems, hydraulics, and maintenance and repair. Career areas of focus include diesel mechanic, precision agriculture, and agricultural mechanics.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Architecture and Construction

DIY

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 122

This course will be a fast-paced class with a focus on residential, farm, and basic automotive care and maintenance with little or no experience. Learn hands-on skills that will be necessary for any future home, farm, or vehicle owner. Instruction may include classroom and laboratory settings.

●2021-2022 ●2022-2023 ●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027

Basic Ag Woodworking

*Art Credit Applicable
Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 197

Students will learn the proper and safe use of woodworking equipment and procedures used in wood construction. Learn tips and tricks to polish their woodworking skills by building small projects. Students will be responsible to pay for their project materials. Supervised agricultural experience; The Agricultural Experience Tracker, and FFA will be integrated as appropriate throughout.

●2021-2022 ●2022-2023 ●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027

Advanced Ag Woodworking

*Art Credit Applicable
Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 199

Students will learn about careers in the woodworking field, shop safety and procedures. Students will learn the proper uses of woodworking tools, equipment, and design. Students will apply this knowledge through large project builds. Students will be responsible to pay for their projects materials. Supervised agricultural experience, The Agricultural Experience Tracker, and FFA will be integrated as appropriate throughout.

●2021-2022 ●2022-2023 ●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027

Ag Construction

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 202

Students will learn about careers in the woodworking field, shop safety and procedures. Students will learn the proper uses of woodworking tools, equipment, and design. Students will apply this knowledge through large project builds. Students will be responsible to pay for their projects materials. Supervised agricultural experience, The Agricultural Experience Tracker, and FFA will be integrated as appropriate throughout.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Nursery and Landscape Design

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 124

Landscaping is one of the fastest growing career areas. Students will learn how to design a landscape, properly install and maintain a landscape, and correct lawn maintenance. Much of the class time is spent at actual landscape sites applying the skills learned in class.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Natural Resources and Environmental Systems

Fish and Wildlife

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 111

Students will gain a deeper understanding of the preservation and management of Minnesota's biomes. Characteristics and habitats of Minnesota fish, mammals, insects, and birds and how they are intertwined will be discussed. Current environmental issues and concerns and their impact on wildlife will also be studied. Topics include global warming, ecological succession, biodiversity, deforestation, and urban sprawl.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Outdoor Recreation

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 123

This class introduces students to hobbies commonly used in central MN such as canoeing, archery, hiking, wildlife scouting, and fishing as well as learning about our edibles. You will also get a chance to build wreaths, pine centerpieces, or an ice fishing pole.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Plant Systems

Horticulture

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 119

This course prepares students to grow greenhouse and nursery plants. Students will develop skills in plant propagation, plant nutrition, floral arrangements and greenhouse plant production. Students will examine the importance of plant cell structures, functions of cells, plant processes, roots, stems, leaves, flowers, and reproduction of plants. Additional topics to be covered include soils, plant identification, pest and pest control, biotechnology, and hydroponics.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Floriculture

***Art Credit Available**

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 105

This course is designed for students who have an interest in owning or working in a floral shop and/or making floral designs. Topics to be covered include the basic elements of floral design, history of floral design, traditional and modern day arrangement styles, how to select cut flowers, pricing strategies, floral supplies and equipment, principles of floral design, color and symmetry, construction and mechanics of floral design, selection and judging, and preparation and care of flowers. Students will spend time in the greenhouse designing/developing floral arrangements; learning how to create floral displays including boutonnieres, corsages, and cut flower arrangements.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Greener on the Inside

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 120

Do you want to be a houseplant master? This class will help you learn about growing different types of plants inside the school and your own home. We will look at house plants, and how to keep them alive. We also will learn about hydroponics and aquaponics systems that can be used to grow plants inside. This class will cover fundamentals of growing plants indoors. Learn how to identify your unique indoor environment, how to choose appropriate and healthy plants, and how to create a maintenance schedule for plant success.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Animal Systems

Vet Science

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 121

This class will cover the different breeds of companion animals and fish. It will integrate the following concepts: pet selection, animal nutrition, body conformation, animal welfare/rights, training and management of home pets. Other topics will include nutrition, reproduction, and diseases. This course was designed for the person who thinks a "best friend" can be a pet. Topics on veterinary science to be covered in this course will be the identification of the organs and functions of the pulmonary, circulatory, and immune systems; discussion of environmental factors of disease, descriptions of the epidemiology triangle; explanation of external contacts, internal fractures, and malposition that may cause disease; descriptions and explanations of the disease of the digestive, respiratory, urinary, endocrine, muscular-skeletal system..

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Animal Science

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 110

This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include scientific investigations, genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Equine Science

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 113

This class focuses on information and practical skills related to basic equine production and management. This includes information in the area of basic horse production, handling, and grooming, handling young unbroken horses, horse health and disease prevention, basic first aid, parasites, fundamentals of foot care, practical horse nutrition, fertility and genetics of production, breeding efficiency and mating procedures, care of mare and foal, selection and marketing the horse, transporting the horse, physical facilities and stable management, and the selection and care of tack.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Companion Animals

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 125

Students will explore areas of anatomy, physiology, nutrition, genetics and health of companion animals including cats, dogs, rabbits, rats, mice, reptiles, amphibians and fish. Other topics covered include anatomy, physiology, nutrition, genetics, and health of various companion animal species, and will be able to compare and contrast these topics between species. Animal breeds, and developing a management plan for caring for a chosen species of companion animals are also included.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Livestock Production

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 126

This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include scientific investigations, genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

BUSINESS EDUCATION

Accounting 1

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 167

If you plan on majoring in business or owning your own business, this class is for you! Students will study the fundamental concepts of the accounting cycle and its application for business records through the use of standard financial records common to all types of businesses using journals, ledgers, worksheets and financial statements. Students will apply these skills to projects and practice sets. Students have the opportunity to use accounting software to complete project. Non-traditional (male) students are highly encouraged to enroll.

●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027 ●2027-2028 ●2028-2029

Accounting 2

Grade Level: 10, 11, 12

Prerequisite: Accounting I

Course Length: One Quarter (2 blocks)

Course Number: 169

Advanced Accounting continues using the concepts taught in Accounting and expands on those concepts. Students will be working with departmentalized accounting. Students will apply these skills to projects and practice sets. Students will have the opportunity to use accounting software to complete projects. Non-traditional (male) students are highly encouraged to enroll.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Do You Want to Be a Millionaire?

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 165

This course is designed to provide students with an understanding of money management, investments, consumer credit, consumer purchasing, insurance, taxes, and creating a household budget. Students will demonstrate their knowledge through classroom activities, including a stock market simulation, purchasing a car, a checkbook simulation, tax forms, and a budgeting project. Non-traditional (male) students are highly encouraged to enroll.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Marketing

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 163

It is important to know how marketing concepts work in business and global economies. Looking at different marketing case studies will show you how real companies address challenges and how the economies in different countries and cultures can affect people. More specifically, how it affects you. The world of marketing is a gateway to many different careers. Looking at some of the different careers will allow you to learn about many different marketing-related careers and the skills and education you will need to obtain them.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Career Readiness & Entrepreneurship

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number:

It is important to have certain soft skills in whatever career field you enter. In this class you will work on developing these skills and career planning. The student will look at various skills needed for careers. In the entrepreneurship section of this course the student will help develop a couple of school businesses.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

COMPUTER SCIENCE

Computer Science- Programing and Webpage Design

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 160

Students in computer science exploration and expression will learn the problem-solving process, the input-output-store-process model of a computer, and how computers help humans solve problems. Students will learn to create websites using HTML and CSS inside Code.org's Web Lab environment. Students will learn fundamental programming constructs and practices in the JavaScript programming language while developing animations and games in Code.org's Game Lab environment.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Computing for Small Business

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 177

Students will learn how to create and customize documents using Microsoft Office. Students will apply learned skills on a business simulations, emulating a small business environment.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

LANGUAGE ARTS

English 9

Grade Level: 9

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 211

Students practice writing paragraphs and short essays in preparation for the state writing test. Grammar and mechanics are incorporated into this study. In literature, emphasis is on reading and interpreting short stories, drama, poetry and mythology.

English 10

Grade Level: 10

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 213

This course consists of a study of literature, writing, speech, grammar, and content specific vocabulary. Special emphasis is placed on the literary forms of the short story, drama and the novel.

Human Diversity in Literature

****Graduation Requirement or Academic Literature or 21st Century Literature***

**** College Credit Available***

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

Course Number: 216

Human Diversity: This course introduces students to multicultural literature in the U.S. Students read works that explore a range of soci-cultural identities or experiences, such as "race"/ethnicity, class, gender, sexuality, and disability.

Academic Literature

****Graduation Requirement or 21st Century Literature or Human Diversity in Literature or Theatrical Speech and Literary Performance***

**** College Credit Available***

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semesters

Course Number: 217

This course will deepen students' understanding and appreciation of literature as an art form as well as strengthen students' ability to read short stories, poems, novels, and drama for meaning. Students will analyze and write reflectively about literature, and think critically about what they read.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

21st Century Literature

****Graduation Requirement or Academic Literature or Human Diversity in Literature or Theatrical Speech and Literary Performance***

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

Course Number: 222

This class will survey modern literature, including novels, plays, and poetry.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Academic Writing

****Graduation Requirement or Digital Writing***

**** College Credit Available***

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

Course Number: 220

Review of basic writing skills will continue. Students will develop and demonstrate writing skills through multi-page compositions. Strategies for topic and thesis development, methods of research, and organization methods will be presented and practiced. Emphasis will be placed on prewriting and proofreading activities. This class is strongly recommended for students who will be attending college for it practices college-type writing assignments.

Digital Writing

****Graduation Requirement or Academic Writing***

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

Course Number: 221

During Digital Writing, we will explore what it means to be a digital writer, honing our research and writing skills while also working to develop skills that you can carry with you into your lives beyond this class, including collaboration, adaptability and initiative, effective oral and written communication as evidence of critical thinking, accessing and analyzing information, and curiosity and imagination. Your digital creations demonstrating your work will be published on the school's online newspaper, *The Valley Press*, to share with the school and community.

Fundamentals of Communication

****Graduation Requirement or Small Group Communication or Public Speaking and Performance or Theatrical Speech and Literary Performance***

**** College Credit Available***

Grade Level: 11 or 12

Course Length: One Quarter (2 blocks)

Prerequisite: None

Course Number: 215

This course teaches the use of verbal and nonverbal communication to organize and deliver effective oral presentations. Additional emphasis is placed on identifying and overcoming listening barriers.

Small Group Communications

****Graduation Requirement or Fundamentals of Communication or Public Speaking and Performance or Theatrical Speech and Literary Performance***

Grade Level: 11 or 12

Course Length: One Quarter (2 blocks)

Prerequisite: None

Course Number: 218

This course is designed to facilitate students' learning of the basics and practice of small-group communication. Through discussions, readings, and exercises, we will investigate several concepts related to group and team communication. Topics related to groups and teams include roles, cohesiveness and group-think, group development and team evolution, diversity, verbal and nonverbal communication, listening and feedback, decision-making and problem-solving, creativity, conflict management, leadership, and computer-mediated group communication.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Theatrical Speech and Literary Performance

****Graduation Requirement or Fundamentals of Communication or Public Speaking and Performance or Small Group Communications***

****Graduation Requirement or Academic Literature or 21st Century Literature or Human Diversity in Lit.***

Grade Level: 11 or 12

Course Length: One Quarter (2 blocks)

Prerequisite: None

Course Number: 21

This course will approach the literature of dramatic works through the lens of academic understanding, as well as, polished performance. Students will gain an overview of dramatic genres and a brief history of theater, as well as, examining effective interpretation and delivery of theatrical speech.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Public Speaking and Performance

****Graduation Requirement or Fundamentals of Communication or Small Group Communication or Theatrical Speech and Literary Performance***

**** College Credit Available***

Grade Level: 11 or 12

Course Length: One Quarter (2 blocks)

Prerequisite: None

Course Number: 223

This course is designed to facilitate students' learning of the basics and practice of small-group communication. Through discussions, readings, and exercises, we will investigate several concepts related to group and team communication. Topics related to groups and teams include roles, cohesiveness and group-think, group development and team evolution, diversity, verbal and nonverbal communication, listening and feedback, decision-making and problem-solving, creativity, conflict management, leadership, and computer-mediated group communication.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Creative Writing

Grade Level: 11 or 12

Course Length: One Quarter (2 blocks)

Prerequisite: None

Course Number: 224

Creative writing will introduce students to the process and techniques of writing. Students will experiment with various types of writing, including the writing of fiction, creative nonfiction, plays, and poetry. Class readings will expose students to various writing styles and provide examples of the successes and strategies of other writers. Time will be spent discussing the writer's craft, the assigned readings, and student writing.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Media Literacy

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 225

Media literacy is a way of thinking about the media: a way of deconstructing media messages to gain more control over them. In this class, we'll be deconstructing media content- photographs, newspaper articles, advertisements, tv shows, movies, documentaries, public relations materials, websites- and develop an understanding of how this media content influences us. This class aims to help you become media literate, but also to think more strongly about the media as they relate to citizenship and democracy.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Writing for Life

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 226

This class will focus on cover letters and resumes. Technical writing and reading will be addressed. Other styles of writing such as scholarship essays, informative and narrative will also be included.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

MATHEMATICS

Geometry

Grade Level: 9, 10, 11, 12

Prerequisite: Algebra II

Course Length: Two Semesters (Year)

Course Number: 259

This course introduces the properties of triangles, quadrilaterals, and circles to develop problem-solving skills. Students will apply the geometric concepts to problem solving skills. It is recommended that students have a TI-30x IIs calculator

Algebra III

Grade Level: 10, 11, 12

Prerequisite: Algebra II

Course Length: Two Semesters (Year)

Course Number: 257

This course is an extension of Algebra II emphasizing advanced concepts of variables and solving equations. This course should be considered by any student planning to attend college or to pursue vocational training which requires advanced math skills. The student will be able to apply algebraic concepts to advanced problem solving situations. To be successful, students should have received a grade of "C" or better in Algebra II.

College Algebra

** College Credit Available*

Grade Level: 11, 12

Prerequisite: Algebra III

Course Length: Two Semesters (Year)

Course Number: 258

A study of the fundamental concepts of algebra. Topics include: equations and inequalities; polynomials, rational, exponential, and logarithmic functions and their graphs; and system of linear equations.

Functions, Statistics and Trigonometry

Grade Level: 11, 12

Prerequisite: Geometry and Algebra III

Course Length: Two Semesters (Year)

Course Number: 273

Topics covered in this course include exploring data, functions and models, transformations of graphs and data, circular functions, trigonometric functions, and probability and simulation. Students will apply learned skills to real-world situations. This course is intended for the college-bound student.

Pre-Calculus/Advanced Mathematical Topics

** College Credit Available*

Grade Level: 12

Prerequisite: Functions, Statistics and Trigonometry

Course Length: Two Semesters (Year)

Course Number: 275

This course emphasizes advanced mathematical concepts. It is recommended for any student considering a post-secondary mathematical based field of study. During the first semester students will apply the concepts of lines, planes and polar coordinates, and complex planes to applicable problems. Topics to be covered during the second semester include: Transcendental Functions, Conic Sections, Limits of Functions, Rates of Change, and Integrals. If time allows, other topics may be included. Students will demonstrate knowledge of subject matter by applying it to problem-solving situations.

Technical Algebra

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 265

In this course, students will be introduced to basic algebraic concepts such as: algebraic rules, solving equations, scale drawings, probability, functions, graphs, linear equations, powers, roots, and polynomials. This course does not meet college preparatory requirements for four year colleges and universities.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Technical Geometry

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 267

In this course, students will be introduced to basic geometric concepts such as: reasoning, segments, midpoints, special angles, parallel lines, congruence, and polygons. This course does not meet college preparatory requirements for four year colleges and universities.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Technical Algebra II

Grade Level: 11, 12

Prerequisite: Technical Geometry and Tech Algebra

Course Length: Two Semesters (Year)

Course Number: 269

Topics covered include: trigonometric functions, factoring, patterns, functions, quadratics, systems of equations, inequalities, and geometry. The topics covered in this course are subject to change. These changes will help align the course with the Minnesota mathematics graduation standards. This course does not meet college preparatory requirements for four year colleges and universities.

MUSIC

Concert Band

Grade Level: 9, 10, 11, 12

Prerequisite: Prior Band Experience

Meets Daily*

Course Length: Two Semesters (Year)

Course Number: 326

Students will study instrumental music through a variety of styles from different eras as well as music theory and history. Students must perform at a more advanced level than junior high band. Lessons will be available upon request. Students will demonstrate this knowledge through classroom activities, along with, individual and group performances, such as concerts, contests, and pep-band.

Concert Choir

Grade Level: 9, 10, 11, 12

Prerequisite: None

Meets Daily*

Course Length: Two Semesters (Year)

Course Number: 328

Students will study choral music through a variety of styles from different eras, as well as, music theory, and music history. Lessons will be available upon request. Students will demonstrate this knowledge through classroom activities, along with, individual and group performances, such as, concerts and contests.

Music Production and Recording

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 330

With the use of modern technology students will develop skills in digital music production. Students will also study the history of recorded music and practice skills in recording musicians and producing music. Students in the course will not have to perform themselves, but will have the opportunity to if they so choose.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Stage Production

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 332

Students will the basics of backstage work that allow performances to take place. Students will be introduced to lighting, sound, set, and other topics for the stage. There will be ample opportunities for practical application of the skills by assisting with theater productions and concerts.

●2023-2024 ●2024-2025 ●2025-2026 ●2026-2027 ●2027-2028 ●2028-2029

Garage Band

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 333

A garage band in the classroom setting. Students will study the ins and outs of playing popular music in multiple styles. Other topics covered will be songwriting, the recording industry and copyright law. Students will need to perform on instruments or sing in this class. See the instructor if you have any questions.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Music from Stage and Screen

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 331

Students will study the intricate role that music plays in our movies and performances on stage. During the course students will study the makeup of the groups that perform on movie scores and how the process of recording a film score is completed. Students will view multiple films during the semester applying new listening and watching techniques

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Jazz Combo

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 330

Students will learn about playing jazz in the small group setting. Students will study different styles within the jazz idiom and develop skills in improvisation. Students will need to play an instrument or sing to be in this ensemble. Standard instrumentation includes, drums, bass, piano, trumpet, saxophone, and trombone. See the instructor if you have questions.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Music Theory

Grade Level: 9, 10, 11, 12
Prerequisite: Instructor approval

Course Length: One Quarter (2 blocks)
Course Number: 330

Students will study the mechanics of music. Written music will be studied in depth including, but not limited to note reading, scales, chords, and part writing.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

PHYSICAL EDUCATION/HEALTH & DRIVER'S EDUCATION

Driver's Education

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 351

Students will become familiar with the rules and regulations of traffic safety and have an understanding and appreciation of what it takes to become a defensive driver. Those who successfully complete the course and qualify by age are eligible to take the written permit test administered by Minnesota Department of Transportation. This course requires the student to be present in class for a minimum of 30 hours of instruction time. Enrollment in Behind-the-Wheel training takes place following successful completion of the classroom portion of the class. A signed enrollment contract and a \$25 deposit are required for students wishing to take Behind-the-Wheel training. Total cost of Behind-the-Wheel training is \$180, which includes a \$30 deposit due before completion of the classroom portion of the training.

Health 10

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 358

The tenth grade health class will introduce new topics and reinforce those that were discussed in 7th grade Health. Topics include: self-esteem, mental health, stress, mental disorders, suicide, reproduction and heredity, aging, death, drug use and abuse, alcohol, tobacco, nutrition, physical fitness, STD's including AIDS, harassment and current health issues.

Strength Training/Conditioning

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 367

The Strength Training/Conditioning program will consist of a weight lifting program for both the beginner and the advanced weight lifter. In addition to weight lifting (strength training), the program will include activities to increase speed, agility, flexibility, power and cardiovascular endurance. This program will be of benefit to both male and female, athlete and non-athlete. The Strength Training/Conditioning class will provide the individual with a plan of where to start, how to do the various lifts/exercises and how to coordinate other athletic activities into a total program for themselves or their sport.

Competitive Team Sports

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 361

Participate in a variety of team sports. This course is the study of team sports in a competitive setting. The primary units of study include softball, basketball, lacrosse, volleyball, floor hockey, flag football, and personal fitness assessment. The students will demonstrate learning through tests at the completion of each unit.

Non-Traditional Physical Education

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 359

Participate in non-traditional PE activities - ladder ball, corn-hole (beanbags), shuffleboard, table tennis, gaga ball, croquet, bocce ball, and others. This course is recommended for students who are interested in non-traditional physical education activities where they can play and teach others as they get older. The students will demonstrate learning through participation.

Racquet Sports

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 360

The primary units of study in racquet sports are- tennis, badminton, table tennis, and pickle-ball. The students will demonstrate learning through participation and tests.

Sports Psychology and Leadership

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 362

Know the psychology behind optimal performance individually and as a team, as well as leadership skills to better perform that role within a team. This class will address psychological knowledge and skills to address optimal performance and well-being of athletes, developmental and social aspects of sports participation, and systemic issues associated with sports settings and organizations.

Sports Medicine and Nutrition

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 363

Understand the causes of common sports injuries, as well as steps to prevent or limit injuries, and treatment of the injuries. Also included is the role nutrition has in performance. This course is the study of anatomy and kinesiology and key injuries as they relate to sports. The primary units of study include medical terminology, lower leg, ankle and foot, knee, thigh and hip, low back, shoulder, elbow, wrist, hand, fingers and thumb. The students will demonstrate learning through tests at the completion of each unit.

Coaching

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 364

Learn principles of coaching in relation to all sports, as well as sport specific information. Learning about all aspects of being a coach, from mission statements, philosophy, interviewing, budgeting, creating practice plans, inventory, working with other coaches, scheduling and many more aspects of coaching.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Officiating

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 365

Learn rules and techniques, regulations, mechanics, professionalism and conflict resolution to officiate a variety of sports common to our area - football, basketball, volleyball, and baseball/softball. Beneficial for officiating youth/junior high events, and hopefully develop interest in certification for high school events.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

SCIENCE

Physical Science

Grade Level: 9-12
Prerequisite: None

Course Length: Two Semesters (Year)
Course Number: 376

Students will study the concepts of chemistry (atoms, molecules, symbols and formulas) and of physics (sound, light, heat and motion). Also included will be current issues in science. Students will demonstrate their knowledge through written activities and apply this knowledge in laboratory exercises.

General Biology

Grade Level: 10, 11, 12
Prerequisite: None

Course Length: Two Semesters (Year)
Course Number: 380

Students will study biological concepts, theories and principles including: the cell theory, mechanisms of heredity, biological change over time, the interdependence of organisms, material cycles and energy flow in living systems, the behavior of organisms, and the historical significance of major scientific advances through the investigation and analysis of cells, organisms, and ecosystems. Hands-on activities include: frog dissection, microscope work and other scientific equipment and computer simulation programs. Students will work with statistical data and complete independent investigations. Lab experiments along with individual and group projects will be an important part of each unit. Labs will teach and reinforce students how to use the tools and techniques important to biology as well as provide practical application of biological concepts.

Anatomy & Physiology

Grade Level: 11, 12
Prerequisite: General Biology

Course Length: Two Semesters (Year)
Course Number: 382

If your major interest is in biology, or you are college-bound, this class is for you! This course is designed for students planning careers in such areas as laboratory or health fields, environmental studies, veterinary medicine. This course is designed to help prepare a student for college, especially in the area of medicine, medical technology, nursing, health, physical education, dietary professions, veterinary or science education. The course will include units on anatomy/physiology and microbiology. Primary emphasis is on the anatomy and physiology of the human body. The lab portion of the course is designed to do some comparative anatomy of other organisms, such as the rat, fetal pig, and others to be determined.

Dissections will be used to help support and reinforce the body systems covered during the semester.

Global Engineering

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 395

Develop a deeper understanding of alternative energy sources. Hands-on projects will be used to investigate the effectiveness of alternative energies; these will be supplemented with research and scientific principles to gain a clear understanding of environmental projects. We will also explore techniques in managing the waste produced by a growing population. The class will focus on potential future careers in the environmental engineering field.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Principles of Engineering (STEM)

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Quarter (2 blocks)
Course Number: 388

This STEM (Science, Technology, Engineering, and Math) course is a basic introduction to engineering. Students who complete this course will learn the concepts necessary to develop their ideas into solutions that will improve our lives. Exciting hands-on learning includes units on engineering design, simple machines, electricity and magnetism, and a culminating design project.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Forensics 1

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 386

Have you ever wondered how the forensic scientists on TV shows figure out which suspect did the crime? In this class we will gain an understanding of forensic science and the techniques used to relate suspects to a crime scene. Topics covered include soil analysis, hair and fiber analysis, fingerprints, detecting blood, and testing for drugs. Lab techniques that forensic scientists use in each of these areas will be a main focus of the class.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Forensics 2

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 386

This course will be a continuation of Forensics 1.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Astronomy

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 389

This course introduces you to the composition and structure of the universe. This course will provide the student with a study of the universe and the conditions, properties, and motions of bodies in space.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Meteorology

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 391

Meteorology not only includes the study of basic weather elements and surface weather systems, but also the study of atmospheric physics and its application to different scale phenomena

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Robotics and Coding

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 393

Students will design and build Lego projects designed to demonstrate key principles of engineering, code with an intuitive drag-and-drop program to bring their creations to life.

●2023-2024 ○2024-2025 ●2025-2026 ○2026-2027 ●2027-2028 ○2028-2029

Outdoor Ecology

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Quarter (2 blocks)

Course Number: 396

In this course, students will design and conduct experiments focusing on interactions between living things and their environment in the local area.

○2023-2024 ●2024-2025 ○2025-2026 ●2026-2027 ○2027-2028 ●2028-2029

Physics

*** College Credit Available**

Grade Level: 11, 12

Prerequisite: Trigonometry OR

Concurrent enrollment in Trigonometry

Course Length: Two Semesters (Year)

Course Number: 390

Student will study the concepts of motion, heat, light, wave motion, sound, electricity and magnetism, and nuclear physics. Students will demonstrate their knowledge through written activities and apply their knowledge in laboratory exercises.

General Chemistry

Grade Level: 11, 12

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 392

Students will study atomic theory, periodic law, molecular structure, chemical nomenclature, chemical reactions, stoichiometry, gas laws and systematic problem solving. Students will demonstrate their knowledge through written activities and formal tests, as well as, apply the knowledge in laboratory exercises.

Advanced Chemistry

*** College Credit Available**

Grade Level: 12

Prerequisite: General Chemistry

Course Length: Two Semesters (Year)

Course Number: 394

Students will continue their studies of concepts from general chemistry while gaining a deeper understanding of those chemical principles. Students will also be introduced to enthalpy, organic chemistry, colligative properties, equilibrium kinetics and electrochemistry. Students will demonstrate their knowledge through written activities and formal tests, as well as, apply their knowledge in the lab.

SOCIAL STUDIES

American History-9

Grade Level: 9

Prerequisite: None

Course Length: One Semester

Course Number: 400

Students will study America's early history. Topics may include exploration and settlement; political history; expansion and growth; economic development; immigration; civil war and slavery; revolutionary war; the industrial revolution; etc. Students will demonstrate knowledge through classroom exercises; projects, research and analysis, and written activities.

World History-9

Grade Level: 9

Prerequisite: None

Course Length: One Semester

Course Number: 401

Students will study the development of modern nations and events that influence today's societies. Students will demonstrate their knowledge through classroom activities and projects.

World History-10

Grade Level: 10

Prerequisite: None

Course Length: One Semester

Course Number: 404

Students will study the development of modern nations and events that influence today's societies. Students will demonstrate their knowledge through classroom activities and projects.

Global Geography

Grade Level: 11

Prerequisite: None

Course Length: One Semester

Course Number: 411

Students will study physical and human geography and interaction of land, climate, vegetation, people and culture, resources and land use around the world. Land, climate, vegetation and human geography of Eastern Europe, Northern Eurasia, the Middle East, Africa, South, East, and Southeast Asia, and The Pacific will be studied. Students will demonstrate knowledge of these topics through classroom work and assessment. A heavy influence on current events will also play a large role of the core curriculum.

American History 1945-Present

Grade Level: 11

Prerequisite: None

Course Length: One Semester

Course Number: 412

Students will study our nation's history post WWII to present. They will begin with US policy during the Cold War and involvement in South East Asia. Students will also study the roots of the Civil Rights movement during the 1950's and 1960's. They will learn about the Vietnam conflict and how it shaped the United States. New technology culture and 21st century foreign policy will cap of a semester of in-depth American History.

Senior Social Studies

Grade Level: 12

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 413

Students will study government and economics. Government will focus on the study of American government. Economics will cover both microeconomics and macroeconomics. Students will be assessed through classroom assignments, projects, simulations, and tests.

Introduction to Psychology

*** College Credit Available**

Grade Level: 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 407

Students will study the causes of behavior and basic psychological theories. Topics will include theories, interactive behavior, learned behavior/heredity, etc. Students will demonstrate knowledge through classroom exercises, projects, research, and analysis.

Introduction to Sociology

***College Credit Available**

Grade Level: 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 409

Students will study different groups in society, with an emphasis on American culture and the development of the family. They will demonstrate an understanding of basic sociological concepts through classroom exercises and projects.

WORLD LANGUAGES

Spanish I

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: Two Semesters (Year)

Course Number: 426

Students will be introduced to the skills of reading, writing, speaking and listening to Spanish by means of textbooks, workbooks, videos, tapes, songs, games and other media as available. Emphasis on verbs will be regular present tense and the immediate future. Students will be speaking and having oral evaluations from the beginning of class. There will also be regular tests, quizzes and small projects. Vocabulary emphasis will be on that which allows for basic communication tasks, such as saying your name asking and answering questions, expressing preferences, discussing dates, time, foods, etc. Students will be introduced to the cultures of various Spanish-speaking countries.

Spanish II

Grade Level: 10, 11, 12

Prerequisite: Spanish I

Course Length: Two Semesters (Year)

Course Number: 428

This is a continuation of Spanish I. Students will continue to work on grammatical concepts, reading, writing and listening skills. They will continue to be tested on regular present-tense verbs and the immediate future, but will add irregular present-tense verbs and learn the imperfect, the preterite, the present perfect tense, and the present progressive tense. There will be a continued emphasis on oral evaluations. There will be written assignments, such as short paragraphs and dialogues. Vocabulary will continue to expand so that students can express opinions and discuss a wide range of subjects. Exploration of the cultures of Spanish-speaking countries will continue.

Other Language Options

Other World Language options exist via ITV. Languages offered may include: French, German and Chinese. Check with the counseling office for information on availability and scheduling.

REACH/MN West Consortium/ITV/Online/Experiential Learning

REACH

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: Two Semesters (Year)
Course Number: 99

The REACH program is designed to assist students in achieving their academic and personal best. REACH stands for Responsibility, Education, Accountability, Character, and Hard Work. REACH class is a positive structured learning environment to create a safe place for students to belong, connect, and support each other. Students will set weekly and semester goals for themselves in the areas of personal, academic, and family. The curriculum is guided by the needs of the students and may cover topics such as communication skills, social skills, problem-solving, self-image, drug/chemical awareness, healthy relationships, and other topics that are brought up over the course of the semester. Grading is done on a pass/fail basis.

ITV

Grade Level: 9 – 12
Prerequisite: None

Course Length: One Semester

A list of available courses is available in the Counselor's Office. For more information, stop in the Counselor's Office.

MN West Consortium Courses

CNA

Grade Level: 9, 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 145

This course emphasizes the role of the nursing assistant and the home health aide as a valuable member of any health care team. This course will introduce and prepare students for entry-level jobs in nursing homes, home care, hospitals, and other health care facilities. Upon successful completion of classroom/lab studies, the student will participate in a nursing home clinical experience. Successful students will be eligible to take the Nurse Aide/Home Health Aide competency examination.

Experiential Learning Courses

Internship- Work Based Learning

Grade Level: 12
Prerequisite: Counseling Office Prior Approval

Course Length: 1 Semester (3 blocks)
Course Number: 140

The purpose of the Lac qui Parle Valley High School Internship Program is to promote student career development and career readiness. The promotion of student career development and career readiness will be accomplished by:

- Exposing students to potential career fields; allowing for an in-depth exploration of career interests through experiential learning.
- Fostering the development of industry specific skills in students.
- Fostering the development of transferable employability skills in students.
- Increasing students' understanding of the connection between education and vocational goals.
- Bridging the gap between high school graduation and student employment.
- Fostering a connection between the school and local businesses and industry.

LqPV Graduation Requirements Worksheet

COURSE SECTION	COURSE COMPLETED	COURSE OPTIONS
SOCIAL STUDIES (4 credits)		
• American History/Civics(Grade 9).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• World History (Grade 10).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Global Geog/Am His (Grade 11).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Senior Social (Grade 12).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
ENGLISH (4 credits)		
• English 9 (1.0 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• English 10 (1.0 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Writing (.5 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Literature (.5 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Public Speak (.5 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• English Elec. (.5 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
MATHEMATICS (3.0 Credits)		
• Grade 9 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Grade 10 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Grade 11 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Grade 12 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
SCIENCE (3.0 Credits)		
• Grade 9 <u>Physical Science</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Grade 10 <u>Gen Biology</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Grade 11 or 12 <u>Physics or Chemistry</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
FINE ARTS (1.0 Credits)		
• Music _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Visual Arts _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Media Arts _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
PHY. EDUC./HEALTH (1.5 Credits)		
• 1 credit PE _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Health 10 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
TOTAL CREDITS REQUIRED = 24.0		