

Lac qui Parle Valley High School



2022-2023
Course Description Book

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LAC QUI PARLE VALLEY HIGH SCHOOL

GRADUATION REQUIREMENTS

Subject Area	LqPV Requirements	
English	1.0 Credit	English 9
4.0 Credits	1.0 Credit	English 10
	0.5 Credit	Fundamentals of Communication
	0.5 Credit	Academic Writing or Digital Writing
	0.5 Credit	Academic Lit, 21st Cent. Lit, or Human Diversity in Lit.
	0.5 Credit	Writ. for Life, Media Liter., Creat. Writing, 21st Cent Lit, Acad. Lit., Human Div. in Lit., Acad. Writing, or Digital Writing
Math	1.0 Credit	Geometry
3.0 Credits	1.0 Credit	Algebra III
	1.0 Credit	College Algebra III/Trigonometry and Statistics
Science	1.0 Credit	Physical Science/Accelerated Science
3.0 Credits	1.0 Credit	General Biology/Accelerated Biology
	1.0 Credit	General Chemistry or Physics
Social Studies	1.0 Credit	American History 9/Civics 9
3.5 Credits	0.5 Credit	World History
	1.0 Credit	Global Geography/American History 11
	1.0 Credit	Senior Social
Physical Education/Health	.33 Credit	Physical Educ. 9
2.0 Credits	1.0 Credit	Physical Educ./Health 10
Arts	1.0 Credit	Student Choice in Visual, Performing, Culinary, or Media Arts
1.0 Credit		
Electives	7.67 Credits	Student Choice
TOTAL	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

Ag Economics

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 117

Ag commodity marketing is the main focus of this course. Economic principles including supply/demand, fix/variable costs, time value of money, futures/options/ market, business management, and price forecasting are discussed in relation to the agricultural economy. Cash sales, futures contracts, and crop insurance is also discussed.

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

Ag Sales

Grade Level: 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.

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

Farm Management

Grade Level: 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.

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

Basic Ag Welding

*Art Credit Available

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Advanced Metals

*Art Credit Available

Grade Level: 10, 11, 12

Prerequisite: Basic Ag Welding

Course Length: One Semester

Course Number: 108

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.

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

Food Science and Preservation

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 101

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.

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

Ag Culinary Skills

***Art Credit Available**

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Food Products and Processing

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 104

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.

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

Meat Cutting and Processing

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 108

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.

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

Floriculture

***Art Credit Available**

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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 boutonnières, corsages, and cut flower arrangements.

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

Small Engines

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Large Power Equipment 1

Grade Level: 11, 12
Prerequisite: None

Course Length: One Semester
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. This course is divided into two sections, you might enroll in the first section to continue into the second section.

Large Power Equipment 2

Grade Level: 11, 12
Prerequisite: Large Power Equipment 1

Course Length: One Semester
Course Number:

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. This course is divided into two sections, you might enroll in the first section to continue into the second section.

Basic Ag Mechanics

Grade Level: 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 122

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include: safety, the basic fundamentals of small engines, basic electricity, basic construction and concrete, basic metal working techniques, and operating agricultural equipment safely.

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

Advanced Ag Mechanics

Grade Level: 10, 11, 12
Prerequisite: Basic Ag Mechanics

Course Length: One Semester
Course Number: 112

This course is a continuation of basic ag mechanics. It allows intermediate agriculture students to expand on skills and knowledge. Areas of study may include general shop safety, welding, electrical applications, water management, agricultural drafting and construction, engines and power, and machinery maintenance and repair.

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

Fish and Wildlife

Grade Level: 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.

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

Natural Resources/Environmental Science/Renewable Energy

Grade Level: 10, 11, 12
Prerequisite: None

Course Length: One Semester
Course Number: 123

Natural Resources is an applied course for students interested in learning more about becoming good stewards of our environment and natural resources. This course covers major types of natural resources and their management, public policy, and the role of public education in managing our resources. The impact of plant and animal production practices on the environment and the adoption of practices leading to improved air, land, and water quality are investigated. Areas of emphasis include: types of ecosystems, management of waste, chemical use, soil conservation, land uses and regulations, and water and air quality. Careers of environmental technicians, soil and water conservationists, monitoring field technicians, land surveyor, and related occupations will be examined.

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

Plant Production

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 119

This course prepares students to produce greenhouse/nursery plants and to maintain plant growth and propagation structures while working in an operational greenhouse. 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, hydroponics, and an introduction to landscaping.

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

Agronomy

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 120

This course is designed to provide students with the knowledge and skills necessary for future employment in the agronomy or related industries. Major units of instruction include genetics, biotechnology, soil classifications, soil erosion and management, soil fertility, plant classification, plant anatomy and physiology, plant propagation, plant growth, integrated pest management, grain, oil, forage, sugar, and fiber crop production methods, grain quality, grain storage, and grain transportation.

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

Vet Science

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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..

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

Companion Animals

Grade Level: 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.

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

Animal Science

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Livestock Production

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number:

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.

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

Ag Work Study

Grade Level: 12

Prerequisite: Taken 2 ag courses & 3.0 gpa

Course Length: Two Semesters [1 or 2 hour block]

Course Number: 113/114- periods 6-7 115/116-period 7

Students will study job procurement skills including: application procedures, resume writing and interviewing. Also included will be interpersonal skills such as: employee/employer relationships, employee-customer relationships and employee-employee relationships. Students will demonstrate these skills in a work experience program in cooperation with a farm or Ag business. Because wages for the job assignment may be partially funded by another agency, the agency may require attendance at school every day you work at your job assignment. If a student is unemployed for any reason he/she may need to enroll in another course if employment cannot be arranged. Non-traditional (female) students are highly encouraged to enroll. Students enrolled for a two hour block may not have a study hall.

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

BUSINESS EDUCATION

Accounting I

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

●2017-2018 ●2018-2019 ●2019-2020 ●2020-2021 ●2021-2022 ●2022-2023

Accounting II (Independent Study)

Grade Level: 11, 12

Prerequisite: Accounting I

Course Length: One Semester

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.

Personal Finance

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Marketing

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

COMPUTER SCIENCE

Computer 9

Grade Level: 9
Prerequisite: None

Course Length: One Trimester
Course Number: 347

Students will learn how to create and customize a presentation using Microsoft PowerPoint. As time permits, internet skills will be looked at including Browser basics, and searching the Web.

Computer Science- Programing and Webpage Design

Grade Level: 9-12
Prerequisite: None

Course Length: One Semester
Course Number: 193

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.

●2017-2018 ●2018-2019 ●2019-2020 ●2020-2021 ●2021-2022 ●2022-2023

Computer Science- Computing and Design

Grade Level: 9-12
Prerequisite: None

Course Length: One Semester
Course Number: 193

Students will apply the problem solving process to the problems to create solutions through the development of their own app. Students will explore different systems used to represent information in a computer and the challenges and tradeoffs posed by using them. Students will design and prototype their own computing platform. Students will learn how machine learning can be used to solve problems by preparing data, training a machine learning model, then testing and evaluating the model for accuracy and bias.

●2017-2018 ●2018-2019 ●2019-2020 ●2020-2021 ●2021-2022 ●2022-2023

INDUSTRIAL ARTS/TECHNOLOGIES

CADD- Computer Aided Drafting and Design

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

Course Length: One Semester
Course Number: 194

The purpose of this course is for students to explore and develop technical skills and knowledge of computer aided drafting and design. This knowledge and skill will be applied with the use of AutoCAD, Google Sketchup, Corel Draw and Inventory software. An introduction to Computer Aided Machining (CAM) and Computer Numerical Control (CNC) will also take place. Students will integrate technical math skills, problem solving and the computer software to complete individual design projects while taking care of tools and equipment.

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

Architectural Principles and Design/Civil Engineering

Grade Level: 10, 11, 12
Prerequisite: CADD

Course Length: One Semester
Course Number: 195

The purpose of this course is for students to develop skills and knowledge relating to the field of Architecture. This knowledge and skill will be applied to principle and design problems with the use of AutoCAD, Google Sketch-up, Coral Draw and Inventory software. Students will be developing a technical architectural set of plans (plot, section, foundation, framing, electrical, plumbing and HVAC). Students will have an opportunity to design their, "Dream House" and an apartment complex, school building as well as a commercial business. Students will apply technical math and science skills when completing individual projects while taking care of tools and equipment.

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

Intro to Woodworking Technology

***Art Credit Applicable**

Grade Level: 9, 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 197

The purpose of this course is to give the students a broad exposure to specific applications of machines, power hand tools, and hand tools so that a project of their design is completed. Instructor approval is required. The first weeks will consist of an intense safety demonstrations and lectures of machines, power hand tools and hand tools as well as students designing, drawing and estimating their project cost. 50% of the total estimate must be received before any wood is cut into. The majority of class time will be spent with the students building their projects by selecting the proper equipment and by using it correctly and safely. Emphasis on a clean, orderly and safe shop is stressed daily. Time sheets will be required for all students handed in at the end of the week.

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

Machine Woodworking Technology

***Art Credit Applicable**

Grade Level: 9, 10, 11, 12

Prerequisite: Intro to Woodworking Technology

Course Length: One Semester

Course Number: 199

The purpose of this course is to further give the students a broad exposure to specific applications of machines, power hand tools, and hand tools so that a project of their design is completed. Instructor approval is required which must incorporate the CNC woodcarver machine and/of laser engraving machine to the individual project. The first weeks could be different based on students who were enrolled in Intro to Woodworking Technology the current school year. Student will either start with the design process or go through the intense safety demonstrations and lectures of machines, power hand tools and hand tools as well as students designing, drawing and estimating their project cost. 50% of the total estimate must be received before any wood is cut into. The majority of class time will be spent with the students building their projects by selecting the proper equipment and by using it correctly and safely. Emphasis on a clean, orderly and safe shop is stressed daily. Time sheets will be required for all students handed in at the end of the week.

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

Cabinet Design and Making

***Art Credit Applicable**

Grade Level: 10, 11, 12

Prerequisite: Machine Woodworking Technology

Course Length: One Semester

Course Number: 200

The purpose of this course is to further give the students a broad exposure to specific applications of machines, power hand tools, and hand tools so that a project of their design is completed. Instructor approval is required which must incorporate a door and drawer and may also have the use of the CNC woodcarver machine and/or laser engraving machine to the individual project. The first weeks could be different based on students who were enrolled in Machine Woodworking Technology the current school year. Student will either start with the design process or go through the intense safety demonstrations and lectures of machines, power hand tools and hand tools as well as students designing, drawing and estimating their project cost. 50% of the total estimate must be received before any wood is cut into. The majority of class time will be spent with the students building their projects by selecting the proper equipment and by using it correctly and safely. Emphasis on a clean, orderly and safe shop is stressed daily. Time sheets will be required for all students handed in at the end of the week.

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

Furniture Design and Making

***Art Credit Applicable**

Grade Level: 11-12

Prerequisite: Cabinet Design and Making

Course Length: One Semester

Course Number: 201

The purpose of this course is to further give the students a broad exposure to specific applications of machines, power hand tools, and hand tools so that a project of their design is completed. Instructor approval is required which may incorporate a door and drawer and may also have the use of the CNC woodcarver machine and/or laser engraving machine to the individual project. Students will be required to turn a project on the wood lathe. The first weeks could be different based on students who were enrolled in Cabinet Making the current school year. Student will either start with the design process or go through the intense safety demonstrations and lectures of machines, power hand tools and hand tools as well as students designing, drawing and estimating their project cost. 50% of the total estimate must be received before any wood is cut into. The majority of class time will be spent with the students building their projects by selecting the proper equipment and by using it correctly and safely. Emphasis on a clean, orderly and safe shop is stressed daily. Time sheets will be required for all students handed in at the end of the week.

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

Building Construction

Grade Level: 11-12

Course Length: One Semester OR Two Semesters

**Prerequisite: Intro to Woods & Architectural Drafting Course Number: 202
OR Instructor's Approval**

This course will be a "hands on" approach to understanding basic construction methods used for residential dwelling, as well as a variety of garage or storage-type buildings. The students may participate in, but not limited to, concrete work, brick and/or block laying, general framing, sheathing, shingling, window and door installation, installation of needed electrical and plumbing components and sheet-rocking. Students will practice safe and proper use of machines, power hand tools, and hand tools, while maintaining them correctly. They will gain an appreciation for working with the unstable weather of Minnesota, as well as relying on co-workers to get the job done. Non-traditional (female) students are highly encouraged to enroll.

Graphic Arts

***Art Credit Applicable**

Grade Level: 9-12

Course Length: One Semester

Prerequisite: None

Course Number: 198

This project centered course is designed to enable students the opportunity to explore an array of areas within Graphic Arts. Students will through hands on real world experiences in the graphic world learn from website design, laser engraving and vinyl cutting. In addition, students will work with desktop publishing software to create fliers, advertisements, brochures etc. The Graphic Arts course will be intertwined in our Eagle Eye Company. This course is all about applying core curriculum, freedom of design and problem solving skills into real world situations.

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

Communication Technology

***Art Credit Applicable**

Grade Level: 9-12

Course Length: One Semester

Prerequisite: None

Course Number: 196

This project centered course is designed to enable students the opportunity to explore an array of areas within Communication Technology. 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 F.M. 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.

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

Computer Programming

Grade Level: 9-12

Course Length: One Semester

Prerequisite: None

Course Number: 193

The purpose of this course is to expose students to Computer Programming. Students will have the opportunity to integrate technology, science and math curriculum all while becoming a computer programmer. Students will learn how to program using an entry level teaching program called Scratch. Once the basic principles and concepts are mastered they will start and work as far as they can get through in the "codecademy!" "Codecademy" will be student driven curriculum going into it as deep as your mind will let you. Areas of student study that will develop skills and knowledge relating to the field of Computer Programming which runs the world we live in will be HTML, CSS, Javascript, PHP, Python and Ruby. Students will apply technical math and science skills when completing individual projects while taking care of tools and equipment.

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

CNC Programming and Machining

Grade Level: 9-12

Course Length: One Semester

Prerequisite: CADD

Course Number: 192

The purpose of this course is to expose students to Computer Numerical Control Programming. Students will have the opportunity to integrate technology, science and math curriculum all while using a computer to control a woodcarver, laser engraver and 3D printer. Projects are limited to your imagination only, while developing skills and knowledge relating to the field of CNC Programming which is the driving force in today's manufacture world. Students will apply technical math and science skills when completing individual projects while taking care of tools and equipment.

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

Engineering Principles, Materials and Design

Grade Level: 9-12

Course Length: One Semester

Prerequisite: CADD

Course Number: 191

The purpose of this course is for an in depth exploration of multiple engineering fields. Of the 15 branches of engineering we will study, civil, mechanical, electrical and structural engineering. Throughout the course there will be many hands on activities for students to identify materials, design for problem solving, build for accuracy and test for results. Students will be given a certain question or problem. They will need to use the design process to figure out what is the best possible solution to the problem. An example of one problem project will be for students to build a bridge and see which bridge withstands the most weight. Students when completing the STEM (Science, Technology, Engineering & Math) projects will use a wide variety of materials, machines and computers including different CAD software.

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

LANGUAGE ARTS

English 9

Grade Level: 9

Course Length: Two Semesters (Year)

Prerequisite: None

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

Course Length: Two Semesters (Year)

Prerequisite: None

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.

Fundamentals of Communication

**Graduation Requirement*

** College Credit Available*

Grade Level: 11 or 12

Course Length: One Semesters

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.

Human Diversity Literature

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

** College Credit Available*

Grade Level: 11 or 12

Course Length: One Semester

Prerequisite: None

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*

** College Credit Available*

Grade Level: 11 or 12

Course Length: One Semesters

Prerequisite: None

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.

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

21st Century Literature

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.

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

Academic Writing

**Graduation Requirement or Journalism*

** 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.

Creative Writing (MRVED online class)

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

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.

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

Media Literacy

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

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.

Writing for Life

Grade Level: 11 or 12

Prerequisite: None

Course Length: One Semester

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.

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

English as a Second Language

Grade Level: 7-12
Prerequisite:

Course Length: As Needed
Course Number: Varies

ESL is offered to all students for whom English is not their first language. Classes are tailored to the individual student's need, and include skills for listening, speaking, reading and writing. A placement test is given to determine the proficiency level of the student. Assistance is also given to the student for mainstream classroom work.

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.

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 Semester
Course Number:

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.

Stage Production

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

Course Length: One Semester
Course Number:

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.

Advanced Music - Musicians, Computers and Performance

Grade Level: 12
Prerequisite: Permission by Director required

Course Length: One Semester
Course Number: 331

This is an Independent Study Course. Students will explore music theory, music composition and music technology (keyboards, computers, etc.). Students will take lessons and perform in one or all of their musical areas (voice, instrumental, keyboards, etc.) Students will apply what they learn to classroom activities, projects, and public performances.

PHYSICAL EDUCATION/HEALTH & DRIVER'S EDUCATION

Physical Education 9

Grade Level: 9

Prerequisite: None

Course Length: One Trimester

Course Number: 349

This course, required of all students, has a wide variety of activities that may include: speed ball, archery, tennis, cross-country, flag football, basketball, volleyball, weight training swimming, track, softball, table tennis, badminton and other activities -- time and weather permitting. A national physical fitness test will be administered. The student will demonstrate knowledge and skill through active participation and written activities.

Driver's Education

Grade Level: 9

Prerequisite: None

Course Length: One Trimester

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.

Physical Education/Health 10

Grade Level: 10

Prerequisite: None

Course Length: One Semester

Course Number: 358

Physical Education-10

The tenth grade physical education class may include a wide variety of activities: tennis, archery, volleyball, flag football, speed ball, basketball, swimming, badminton, table tennis, shuffleboard, floor hockey, cross country, self-defense, aerobics, softball, dance, track and field and various gym games and other activities – time and weather permitting. A special emphasis is placed on the individual / dual activities at this grade level, as well as health related physical fitness and wellness. Physical fitness tests are administered. The student is evaluated through active participation, knowledge of skills on written tests, and application of learned skills during actual play.

Health-10

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 Semester

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.

***NOTE: Prior approval is needed from the instructor if student plans to take the class for a second semester. Seniors require instructor approval to take class 2nd Semester.**

Lifetime Activities

Grade Level: 11, 12

Prerequisite: Successful completion of required
Physical Education classes

Course Length: One Semester

Course Number: 361

This co-educational course emphasizes the lifelong recreational and fitness benefits of activities appropriate for both male and female participants. The student will participate in a variety of sport and recreational activities suitable to the seasons, including tennis, volleyball, speedball, basketball, floor hockey, badminton, bowling, etc. The student will demonstrate knowledge and skill through active participation and written activities.

Lifetime Activities is available only to Juniors & Seniors, one semester each year.

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.

Environmental Engineering

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Principles of Engineering (STEM)

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Forensics 1

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

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.

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

Forensics 2

Grade Level: 10, 11, 12

Prerequisite: None

Course Length: One Semester

Course Number: 386

This course will be a continuation of Forensics 1.

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

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.

Civics-9

Grade Level: 9

Prerequisite: None

Course Length: One Semester

Course Number: 401

The course will focus on the role of citizen in American government. Topics studied will include the origins of the United States' Government, learning the constitution, understanding basic mechanics of Congress, Presidency, Role of Supreme and Local Courts. Elections, Role of Political Parties, Foreign Policy, will be addressed. Also projects will be used to develop a sense of participation as a citizen. Current Events and topical issues will also be focused on to provide understanding of basic issues addressed in government.

World History

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.

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.

Medical Careers

Grade Level: 10, 11, 12
Prerequisite: None

Course Length: 1/2 Credit Offering
Course Number: 146

Medical Careers provides students the opportunity to explore a wide variety of careers in an assortment of medical/healthcare settings. The course is designed to provide students the chance to see if a career in medical/health science is right for them; and if they determine they have an interest, it can help them narrow down the possible careers they might consider. Students will participate in in-depth study and exposure to medical/health science careers, career planning, employability skills, basic terminology, ethics, wellness, disease and safety.

Introduction to Teaching

Grade Level: 10, 11, 12
Prerequisite: None

Course Length: 1/2 Credit Offering
Course Number: 147

Have you ever thought about becoming a teacher? Do you like working with children? Are you wondering if you might like teaching as a career? This course offers an introduction to early childhood, elementary, and secondary education. Students will have the opportunity to examine their potential for the teaching profession. You will explore career opportunities, requirements, regulations, and professional ethics. Introduction to Education students will be paired with licensed mentor teachers for opportunities to work with students in classroom settings.

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.

MRVED Online Courses

Online Courses

Grade Level: 9 – 12

Course Length: Varies

Prerequisite: Varies

Students in grades 9 through 12 will have the opportunity to take online courses through the Minnesota River Valley Education District. Students must meet all prerequisites for enrollment prior to enrollment. In the case of like offered course work, coursework offered at LqPV HS will take first priority.

- Fashion and Home Design
- Child Development
- Biomechanics
- Digital Art
- Food and Nutrition
- Introduction to Mass Media
- Intro to Business
- Intro to Entrepreneurship
- Family and Teen Issues
- Digital Photography
- Accounting
- Marketing I

Experiential Learning Courses

Internship- Work Based Learning

Grade Level: 12

Course Length: 1 credit/two to three blocks

Prerequisite: Counseling Office Prior Approval

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	
• Ac/Digital Writing (.5 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Literature (.5 Cr).....	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Fund. Com. (.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/Acc. Phy. Sci</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• Grade 10 <u>Gen Biology/Acc. 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 (1.33 Credits)		
• PE 9/Computer 9/Driver Educ. _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
• PE/Health 10 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No	
TOTAL CREDITS REQUIRED = 24.0		