

La Farge High School



Course Description Guide *2023-2024*

*Note: The LHS course description guide has minor changes made to it as needed.
Important questions regarding its contents should be directed to the guidance office.*

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Notification of Nondiscrimination Policy

It is the policy of the La Farge School District that no person may be denied admission to any public school in this district or be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil service, recreational, or other program or activity because of the person's sex, race, color, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, learning disability or handicap as required by s. 118.13, WI Stats.

This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race and national origin), and Section 504 of the Rehabilitation Act of 1973.

The district encourages informal resolution of complaints under this policy. A formal complaint resolution procedure is available, however, to address allegations of violation of the policy in the La Farge School District questions concerning this policy should be directed to the Superintendent of Schools.

Equal Education Opportunities

The La Farge School District is committed and dedicated to the task of providing the best education possible for every child in the district for as long as the student can benefit from attendance and the student's conduct is compatible with the welfare of the entire student body.

The right of the student to be admitted to school and to participate fully in curricular, extracurricular, student services, recreational or other programs or activities shall not be abridged or impaired because of a student's sex, race, color, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability, or handicap.

Complaints regarding the interpretation or application of this policy shall be referred to the La Farge School District Superintendent and processed in accordance with established procedures.

Notice of this policy and its accompanying complaint procedures shall be published at the beginning of each school year and posted in each school building in the district. In addition, a student nondiscrimination statement shall be included in student and staff handbooks, course selection handbooks and other published materials distributed to the public describing school activities and opportunities.



La Farge High School

Credit Check Grid

	Grade 9	Grade 10	Grade 11	Grade 12
English 4 credits				
Social Studies (Includes Civics) 3 credits				
Science (Physical & Life) 3 credits				
Mathematics 3 credits				
Physical Education 1.5 credits				
Health .5 credit				
Personal Finance .50 credit				
Electives 10.5 credits				

University/College Entrance Requirements

Students who plan on attending a UW System School at either a four-year campus or two-year center must be aware of the minimum academic entrance requirements. These minimum requirements are as follows:

17 Academic credits (distributed as follows)

Core college preparatory credits (13 credits)

English	4 credits
Mathematics	3 credits (Algebra, Geometry, Advanced Algebra, etc...)
Social Studies	3 credits
Science	3 credits
Electives	4 credits

(Chosen from the core college preparatory areas—Foreign language, Fine Arts, Computer Science. Some system schools may accept vocational courses.)

Remember, these are general requirements for the UW System. Private school requirements will be similar. To obtain more specific requirement information for each institution—contact Mr. Slack.

Technical College Entrance Requirements

Entrance requirements to the Wisconsin Technical College System (WTCS) will vary according to program.

In addition to the required courses for graduation from La Farge, students planning on continuing their education at a Technical College should take as many courses as possible that are related to your intended program.

In addition to these courses, Algebra, Geometry, Advanced Algebra, as well as Language Arts and Science electives will prove to be beneficial especially if you plan to enter a health- related field.

To obtain more specific entrance requirement information to any Technical College system—contact Mr. Slack.

LA FARGE HIGH SCHOOL GRADUATION REQUIREMENTS

Beginning with the Class of 2017, the La Farge School Board requires students to successfully complete twenty-six (26) credits of coursework to receive a diploma from La Farge High School. Below are the revised graduation requirements:

English	4 credits
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Mathematics	3 credits
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Science	3 credits
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Social Studies	3 credits
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1/2 credit of civics is required & included

Physical Education	1 ½ credits
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Health	½ credit
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Personal Finance	½ credit
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Electives	10 ½ credits
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TOTAL	26 Credits
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AGRICULTURE

INTRODUCTION TO AGRICULTURE & FFA LEADERSHIP (1 credit)

This class is ideal for students who are interested in agriculture careers and participating in the FFA program. This class is designed so that students will be studying Agriculture while also learning to be a leader in the FFA organization. On the agriculture side of the course students will learn the basics of animal care, simple farm & home maintenance, natural resource management, agriculture career options, soil science and crop production. As an FFA member students will be expected to learn the history of the FFA organization, learn the FFA Creed, compete in FFA competitions, participate in FFA events and work on student leadership qualities. This class will include many lab activities and is an introductory course for many of the other Agriculture classes offered. Students will be expected to participate in class lectures, lab activities and FFA to be successful in the course.

AGRICULTURE MECHANICS (1 credit)

This class is designed for students who are interested in agriculture related mechanics. The course will be split into categories that include basic shop safety, welding, power plant technologies, hydraulics, electronics and mechanical systems. This course is lab based and students should expect to be working in the Ag lab the majority of the time. If time permits students will have the opportunity to work on individual projects including farm equipment and tractors. To be successful, students must actively participate in class and work independently on lab activities and complete them in a timely manner

AGRICULTURE PROCESSING (1/2 credit)

Ag Processing is a class entirely devoted to exploring and experiencing the value-added process. In this class we will learn how to add value to agricultural commodities. For example, we will add value to venison by turning it into venison brats, roasts, steaks, breakfast sausage, jerky, etc. This class will involve lots of hands on activities. Lab participation is REQUIRED.

FARM, HOME MAINTENANCE & MANAGMENT (1 Credit)

This course is designed to give students hands on experience with building and maintaining a residential, agricultural, farm, industrial, or commercial structure. The course will include but not limited to: print reading, masonry, plumbing, framing, pole building construction, electrical wiring, finishing, and concrete pouring. A significant portion of this class will involve lab work. Students should expect to come to class to work. Lab participation is REQUIRED. Students who do not participate in lab on a daily basis will fail the class.

NATURAL RESOURCES MANAGEMENT (1 credit)

This course is designed for students that like the outdoors and the activities that go with being outdoors and the activities that go with being outdoors in Wisconsin. Subjects like environmental studies, forestry, wildlife, soil and water resources, hunting, fishing and outdoor recreation will be covered. This class will involve many hands-on activities and will emphasize the “learning by doing” philosophy. Activities include but are not limited to planting trees, land judging, timber cruising and water studies.

AGRICULTURE BUSINESS AND MARKETING (1/2 credit)

This class is designed as an upper-level agriculture class and is offered to challenge students that have successfully taken other agriculture courses and have participated in the FFA organization. Subjects of instruction include agribusiness in Wisconsin, management, business organization, credit and finances, leadership, current events, and marketing agricultural products. If a student wants to learn the business of agriculture, this is the class to take.

ANIMAL SCIENCE (1/2 credit)

Animal Science explores animal aspects of agriculture. Topics covered in class will be Dairy, Beef, Swine, Sheep, Poultry, and Specialty Animal Production. Other topics covered include judging classes of animals, digestion, reproduction, milk production, meat production, management, handling, and marketing. This is a fun class that leaves students with a solid understanding of livestock production and marketing.

PLANT & SOIL SCIENCE (1/2 credit)

Plant Science will cover the plant side of agriculture focusing mostly on crop production. Crops such as corn, soybeans, small grains, alfalfa, and specialty crops will all be explored in depth. Students will learn about how plants grow, what plants need to grow, and how people alter normal plant growth. This class will be fun and students will enjoy making connection between the seed, field, and food.

ORGANIC AGRICULTURE (1/2 credit)

Organic Agriculture is an innovative class that focuses on differentiating conventional agriculture from organic agriculture. As a class we will discover what makes organic agriculture special. We will also look into organic product marketing, organic agriculture's impact on the land, and differentiate fact from fiction pertaining to conventional agriculture and organic agriculture. Other topics include sustainable agriculture and permaculture. This class will be heavily tied to CROPP and Organic Valley. We will work closely with the world leaders, and our neighbors, in Organic Agriculture to ensure that we are on the cutting edge of organic agriculture. Class will include a combination of classroom learning and applied learning in lab settings. Participation in lab activities is REQUIRED to receive a passing grade.

ART

ART 1 (1credit)

Basic drawing exercises such as face drawings, drawing from grids, still life drawings, and perspective drawings will be covered. This class also prints from linoleum blocks, works with clay, paints, and works with jewelry. It is strongly recommended that students take Art 1 both first and second semester of the same year.

ART 2 (1credit)

Prerequisite: One semester of Art 1 or completion of basic drawing course.

Students will study two-dimensional design with color. Painting, mono printing, clay, sculpture, and jewelry are all studied.

ART 3 (1 credit)

Prerequisite: Art 1 & Art 2

Students will study three-dimensional design with color. Students will work at blending with acrylic painting. Study will continue in printing, sculpture, painting, clay, and jewelry.

ART 4 (1 credit)

Prerequisite: Art 1, Art 2, & Art 3

Art 4 is an independent study course. Students choose most projects with supervision by the teacher. The study of an artist is required with work portraying the person the student chooses to research.

ADVANCED ART (1 credit)

Prerequisite: Art 1 and currently enrolled in Art 2

This class is designed for students in grades 11-12 who wish to do above and beyond the normal project assignment. This class should be taken in conjunction with their regular Art class. The instructor will develop a written contract with each student. Included in the contract is the area of study as well as the select quality and quantity expected.

ADVANCED PAINTING (1 credit)

Prerequisite: Art 1 and approval of instructor

This class is for students who show an above average ability in Art and have an interest in pursuing painting technique. Individual projects are planned through the instructor and the student. Projects could include: painting on canvas, airbrushing, watercolor paintings, advertising (signs) and acrylic painting.

ADVANCED DRAWING (1 credit or ½ credit)

Prerequisite: Art 1 and approval of instructor

This course is for students who show an above average ability in Art and has an interest in pursuing drawing technique. Individual projects are planned by the instructor and the student. Projects could include: drawing with prisma color, charcoal, India ink, conte' crayon, pastels, pencil, and scratch board. Students are encouraged to enter their work in contests. This class can be taken for a full year or one semester.

PHOTOGRAPHY (1 credit or ½ credit)

In Photography, students will learn the ins and outs of how to use a camera. We will explore the different modes, and components to a typical DSLR camera. We will also dive into the elements and principles of photography. Students will make art by exploring topics that focus on their interests through two dimensions. We will discuss artwork, current and historic, along with critiquing our own. And lastly, we will be writing about art through notes, artist research and artist statements.

DIGITAL ART (1 credit or ½ credit)

In Digital Art, students will be exploring the world of digital art! We will be using step by step tutorials to understand the basics where we will then branch out on our own. We'll be using multiple apps to edit and adjust photographs to create original photo manipulations, original illustrations and your typical, and not so typical commercial art.

BUSINESS EDUCATION

BUSINESS MATH (1 credit)

This class will help students improve computational skills and apply them to business situations. Students taking this class should have average math skills. Areas of study include: cash records and banking, personal financial records, buying, selling and using credit

PERSONAL FINANCE (1/2 credit)

This course will give students an overview of all elements necessary to understand the ins and outs of money and financial decisions. We will look at the big picture, but students will also be able to develop budgets and plans specific to their own needs. By the end of this semester, students will have a legitimate plan for their life after high school, and an understanding of the steps involved in achieving that plan. They will also understand and be able to use a wide variety of financial skills.

ENGLISH

ENGLISH 9 (1 credit)

A course for all freshman students with a broad scope of skill development in reading, writing, and presentation. Students will explore poetry, short fiction, drama, and novels by reading for understanding and analyzing their literary experiences in writing and presentations. Vocabulary and grammar are a daily practice. Literature is selected to emphasize themes of strength in the face of adversity.

ENGLISH 10 (1 credit)

English 10 is designed to give all sophomore students a strong foundation in the fundamental skills of written communication, literary analysis, speech, digital literacy, and research. Emphasis is placed on narrative literature, short stories, plays, and novels. Vocabulary and grammar are a daily practice. Literature is selected to explore themes of advantages and privileges and will incorporate some longer projects and opportunities to work in small groups.

ENGLISH 11 (1 credit)

This course is designed to prepare students for college level writing. A heavy emphasis is placed on research, writing and mastery of grammar usage, and mechanics to further develop writing and literary analysis skills. Students will write papers and essays which emphasize the importance of clarity, idea development, focus, organization, word choice, logic and sentence construction. The process of planning, writing, revising, and editing essays for a particular audience and basic research-related skills are also emphasized. This is a writing-intensive course. Students can expect to complete a variety of essays, abstracts, journals, research papers, and critical analysis. Students will be given the tools to encounter the composition process with confidence and develop competence. Literature is selected to introduce students to the great American authors and to provide content for literary analysis.

ENGLISH 12 (1 credit)

This course is designed to expand the skills developed in the first three years of high school with added complexity in reading, writing, grammar, and vocabulary. The literature chosen will emphasize survival in difficult situations. Literary analysis with an emphasis on personal interpretation will provide students the opportunity to practice MLA documentation, clarity in expression, providing evidence to support complex ideas, and the mastery of literary vocabulary. Students in English 12 will be supported in their transition from high school to college and adult life with instruction and time for application essays, flexibility for senior activities, and college and career exploration.

PRACTICAL ENGLISH (1 credit)

This course is an option for juniors and seniors with an emphasis on further practice in the skills required for adult life. The course will align with many of the activities and literature offered in English 11 and English 12 with additional support. Students will be challenged to choose content to practice skills in reading, writing, presentation, and comprehension. Vocabulary, literature, and grammar will be a daily practice.

FAMILY AND CONSUMER SCIENCES

FAMILY AND CONSUMER SCIENCES EXPLORATORY (1 credit)

FCS Exploratory provides an introduction to child development, foods, clothing, family issues and housing. This course provides insight and a basic overview of the different content areas offered in FCS through explorative activities and hands on experiences. Activities may include but are not limited to: clothing construction, basic sewing techniques, basic concepts of interior design, color theory, childcare and family issues, as well as basic skills in the kitchen.

FOODS & NUTRITIONAL SCIENCE (1 credit)

***Meets requirement for Science**

This is a science course which uses a hands-on approach to explore the realm of science through food. Basic science concepts such as food safety, chemistry, processing, microbiology, preservation and physics will be applied throughout the term. Learning is structured to explore scientific principles through food experimentation. You will become acquainted with equipment used in food science laboratories, as well as proper techniques for carrying out food science experiments. We will study the following units: The Science of Food, Basic Chemistry, Organic Chemistry, Food Chemistry, Food Microbiology, Food Preservation and Packaging and Working with Complex Food Systems. Lab learning activities build skills in teamwork, critical thinking, and problem solving. You will also learn about career opportunities in the Food Science Industry.

INFANT, TODDLER, & CHILD DEVELOPMENT (1 credit)

***Awarded Transcribed credit through Western Technical College**

This course is for the student who is seriously interested in working with children in some capacity, either personally or as a career choice. Intensive study will include the developmental changes in children from infants to school age children and the educational preparation of activities to encourage healthy development. The necessary requirements for working in a childcare setting will be studied along with different childcare facilities and Wisconsin laws. Weekly participation in a childcare setting will be required.

HEALTH & WELLNESS (1/2 credit)

Health and Wellness is a class focused on covering information a vast range of information impacting each student's personal health and giving them a greater understanding of each topic. Students will learn the basic facts about each topic discussed. As a class we will look deeper at what influences our health and wellness choices, how to respond when we are placed in tough situations, and how to avoid negative pressures from others. This class requires student discussion and participation as it is largely a hands-on and interactive learning experience. Topics covered in this class include human growth and development, drugs and alcohol, mental and emotional health, family and social health, nutrition, physical activity, communicable and chronic diseases, injury prevention and personal safety, as well as a few others. **Health & Wellness is required for graduation from La Farge High School**

COOKING TECHNIQUES (1 credit)

Cooking is a comprehensive study of foods and their relationship to people. Students will learn to select recipes, prepare market orders, shop, and store food products. A variety of food topics include meats and poultry, dairy products, fruits and vegetables, bread and cereals, and sugars. Students leaving this course will have a basic understanding of different cooking techniques from within each of these units and feel confident in the kitchen. Students will be expected to follow ServSafe principles throughout each lab experience. Special food units explored – i.e., gingerbread houses, factory, etiquette, choice labs, job shadowing people in the industry, and cultural foods.

CULINARY ARTS (1 credit)

This course is designed to explore the fundamentals of working with food both at home and in a professional kitchen. We will cover food service equipment, kitchen basics, knife skills, stocks, sauces, soups, salads, various cooking methods, sandwiches and pizza. At the end of the course we will introduce baking and international cuisine. This course will have many labs that will allow you to practice the skills you have learned and work on your teamwork and communication skills. Students will be expected to follow ServSafe principles and will be encouraged to take their new skills and use them at home or in a professional setting.

ADVANCED CULINARY ARTS (1 credit)

Prerequisite: Culinary Arts or Baking and Pastry Arts

Advanced Culinary Arts builds on skills learned in Intro to Culinary Arts. This class is designed to prepare you for a career in the food industry. We will focus on the ProStart guidelines so that you can begin the process of becoming ProStart certified. We will tour local restaurants and food manufacturing and distribution centers. We will work on advanced cooking skills with the students interests leading the direction of the cooking labs.

BAKING AND PASTRY ARTS (1 credit)

Baking and Pastry Arts prepares students for successful careers as baking and pastry professionals and skills. Students will be able to prepare a wide variety of baked goods, pastries and confections. Students will explore cake decorating and design principles. Gluten-free baking, recipe planning and preparation, altering and preparing recipes to address other allergies and restrictions will also be explored.

INTERIOR DESIGN/HOUSING (1 credit)

***Awarded Transcribed Credit through Western Technical College**

Are you interested in designing, decorating and furnishing homes? Housing and Interior Design is for those students who enjoy design and want to learn more about housing, interior decorating, and design. The course explores careers related to the housing, construction and interior design market through many individual projects. Elements and principles of design are applied to furnishing, designing and decorating a home. Topics will include figure and color analysis, examining housing options, budgeting, room planning, color dynamics, floor planning, creating a fashion look, textiles, and interior design for the home. Renovating, decorating and designing with field trips to examine housing types, model homes, and furniture dealers are valuable pieces of this class. A renovation project of a furniture or decorative piece will be included. This introduction will create an understanding of design, style and color elements that will help one transition into a post-secondary path in the field.

INDEPENDENT LIVING (1 credit)

This course provides students with the “survival skills” needed, as eventually they will be living on their own. This class focuses on the student’s role as a knowledgeable citizen in our society. This class includes post-secondary outcomes, career planning, independent living skills, budgeting, consumerism, self-advocacy skills and relationship/communication skills necessary to play a vital role in your community and their homes. Course content will focus on a variety of subject matter, issues, and enable the student to gain confidence and feel empowered in these subject areas.

CHILD DEVELOPMENT/ASSISTANT CHILD CARE TEACHER (1 credit)

Are you interested in a career working with children or their families? This course will get students on track for a pathway in childcare, daycare provider and/or education fields. By taking this course and meeting the grade requirements, you will be able to attain credit at Western Technical College and several universities in elementary education. You will also attain licensure through the State of Wisconsin as a registered Assistant Child Care Teacher. This course will help students develop an understanding of prenatal care, fetal development, pregnancy and birth, bonding and infant development, health/safety needs, and the care of young children from birth through age six. Other topics included in this course are childcare classroom activities, safety, health and first aid, proper care of young children, creating meals and snacks, communicating with families, creating lessons for children, professional development, and classroom environment. A class-run daycare center is also part of the course. Through class discussion and individual and group projects, students will study the development and care of young children focusing on issues that relate to their development. Occupations in early childhood fields will be explored.

SEWING (1 credit)

Note: Students will need to buy basic sewing supplies and materials.

This course introduces students to the skills and techniques needed to sew things, everything from clothing items to accessories and bags. Students will begin with a few pre-selected projects to make sure they have the skills needed to sew successfully, then they will choose sewing projects for themselves. Students will work with a variety of fabrics to create accessories, home décor, quilts, or fashions of their choice. Color theory, fabric research and the use of non-traditional materials will be explored. This will be a hands-on lab class with individual projects to be determined.

WORLD LANGUAGES

SPANISH I (1 credit)

This course is designed to give students an introduction to the Spanish language. It focuses on students' ability to speak, listen, read, and write in Spanish, as well as giving students an introduction to cultural aspects of the Spanish speaking world. This course is mainly taught using a method of teaching called Total Physical Response Storytelling (TPRS). TPRS combines sign language and gestures with many repetitions of Spanish vocabulary. Newly learned vocabulary is then incorporated into stories which students are involved in helping to create and act out. By the end of the first year, students will read a "novella breve-" a short novel written completely in Spanish. Spanish I is open to all students in grades 9-12.

SPANISH II (1 credit)

Prerequisite: C or better in Spanish I or Teacher Approval

Students will build on all of the skills acquired in Spanish I. Spanish II students will continue to increase vocabulary and will work toward developing a greater fluency in the language. New material includes preterite and imperfect tense verb forms. Students continue to expand knowledge of cultural aspects of the Spanish speaking world.

SPANISH III (1 credit)

Prerequisite: Spanish II

Spanish 3 is a continuation of Spanish 1 and 2 with the incorporation of new vocabulary and grammatical structures. Emphasis is placed on using the Spanish language to communicate in real-life situations. Students will learn how to use a variety of new verb tenses through short stories and novels, skits, video series, and projects. Students will also occasionally teach simple Spanish lessons to elementary students.

SPANISH IV (1 credit)

In Spanish 4, students will finish learning the remaining verb tenses. New vocabulary is presented with the review of previously learned grammar. Emphasis will be placed on discussion of culture and current events in Spanish-speaking countries. Short stories, plays or novels written in Spanish will be read and discussed, and students will also view culturally significant movies and TV series in Spanish. Students may also occasionally teach simple Spanish lessons to elementary students.

MATHEMATICS

ALGEBRA I (1 credit)

In this course, students will build on basic Algebra skills learned in 7th grade and do a more in-depth study of the main topics. Knowledge of basic math skills is required. Topics covered in this course range from probability, usage of variables in equations, creating equations, and studying graphs and charts. This is a very important class. It builds the foundation for every high school math course.

GEOMETRY (1 credit)

Prerequisite: C or better in Algebra I or Teacher Approval

Geometry students will use Algebra skills learned in 7th and 8th grade to solve problems based around different figures. We will study many shapes including triangles, circles, and trapezoids and how their angles are related to each shape. Also, we will look at different types of angles and lines and use theorems and postulates to help us along the way.

ADVANCED ALGEBRA (1 credit)

Prerequisite: C or better in Geometry or Teacher Approval

In this course we will be covering many similar topics from Algebra I, but working more to prep students for math beyond Algebra. Topics covered will include factoring, multiplying polynomials, and working with exponents, as well as using slope and its many equations.

PRE-CALCULUS (1 credit)

Prerequisite: C or better in Advanced Algebra or Teacher Approval

Recommended Materials: Graphing Calculator (TI-83 or 84)

This course bridges the gap between Algebra and Calculus. Students will consider many of the concepts studied in Advanced Algebra but puts a slight abstract twist to them. Here is where we gain familiarity with the unit circle, use trig functions to solve triangles and circles, and see how functions truly affect the math world.

CALCULUS (1 credit)

Prerequisite: C or better in Pre-Calculus or Teacher Approval

Recommended Materials: Graphing Calculator (TI-83 or 84)

Calculus focuses on graphing much of what was learned in Pre-Calculus. Students will learn about quadratic equations, logarithms, secant and tangent lines, derivatives, and integrals. Also, after becoming familiar with the sine, cosine, and tangent curves, there will be an in-depth study of how the unit circle applies to these curves and how the graphs can change.

STATISTICS (1/2 credit)

Prerequisite: 3 years of high school math

In Statistics student will study different ways to collect, analyze, and represent data. The students become

independent in their research and learn how to use different tools to find vital pieces of data. Other important topics discussed include central tendency (mean, median, mode) as well as outlying data.

MUSIC

Participation in the La Farge music program includes outside (of the classroom) performances. These performances regularly take place after school. **They are required if earning a high grade is a priority.**

BAND (1 credit)

***Continuous enrollment is preferred.**

Open to students in grades 8-12. This ensemble class studies and performs music from a variety of composers and styles. Students will be exposed to the fundamental elements of music, music appreciation, compositional styles, and music theory. Students will participate in pep band, marching band, and concert band performances. They will also prepare solos and ensembles in addition to concert music. Students will develop their performance skills and cooperative group skills. Students will attend three individual lessons per quarter so they can be assessed and assisted in individual progress and needs. Class activities emphasize the development of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills.

HEALTH/PHYSICAL EDUCATION

HEALTH & WELLNESS (1/2 credit)

Health and Wellness is a class focused on covering information a vast range of information impacting each student's personal health and giving them a greater understanding of each topic. Students will learn the basic facts about each topic discussed. As a class we will look deeper at what influences our health and wellness choices, how to respond when we are placed in tough situations, and how to avoid negative pressures from others. This class requires student discussion and participation as it is largely a hands-on and interactive learning experience. Topics covered in this class include human growth and development, drugs and alcohol, mental and emotional health, family and social health, nutrition, physical activity, communicable and chronic diseases, injury prevention and personal safety, as well as a few others. **Health & Wellness is required for graduation from La Farge High School.**

BASIC PHYSICAL EDUCATION (1/2 credit)

In Physical Education, students will participate in a wide variety of activities that are challenging, provide enjoyment, and develop skills and interests for a lifetime of physical activity and wellness. Students will develop the knowledge, skills, and dispositions to improve or maintain physical fitness and health. Activities will be implemented on a 2-year rotation, with health-related physical fitness components combined into all units. Students will be assessed on their physical fitness levels, participation, and development and knowledge of health-related fitness skills within various activities. By the end of the semester, students will have gained the knowledge, skills, and dispositions necessary to lead an active lifestyle both in and out of school and will understand the principles of health-related physical fitness.

FITNESS & LIFETIME ACTIVITIES (1/2 credit)

Lifetime Activities prepares students for physical activity habits beyond high school. Students will participate in a variety of fitness and leisure activities including Pilates, hiking, fitness walking, cardio kickboxing, yoga, strength training, Zumba, HIIT, P90x, dance, and others. Students will also participate in physical fitness assessments and use their results to develop and implement a personal fitness plan. Students will learn advanced physical activity concepts and use those concepts to plan their own workouts to improve scores. By the end of the semester, students will have gained the knowledge, skills, and dispositions to independently improve and maintain physical fitness levels and participate in enjoyable physical activities for a lifetime.

SCIENCE

PHYSICAL SCIENCE (1 credit)

Physical science is a laboratory science class that explores the relationship between matter and energy. This course focuses on the general concepts of chemistry and physics. One emphasis of this course is to prepare students for chemistry and/or physics. Another emphasis is to give students a solid foundation for understanding and applying scientific principles throughout their life. Physical Science is taken primarily by students in grade 9.

LIFE SCIENCE (1 credit)

Life Science is a non-college preparatory class for grades 10-12 which fulfills the Life Science credit requirement for graduation. The class is a non-prerequisite class for any further Life Science electives. The class will cover the basics of cellular biology, a complete survey of the 5 kingdoms of living things, the human body, and major ecological concepts of our environment today. Both lab and lecture is used to present the material for the course.

BIOLOGY (1 credit)

This upper-level Biology course looks in depth at cellular biology and the five kingdoms of living things. There is also a great deal of investigation into the ecological interactions of all living things within our environment. The purpose of the class is focused on a comprehensive coverage of scientific information so as to better prepare the students for competition in college level introductory classes. As well, students perform a detailed scientific investigation and write a subsequent report on their study. This project goes far beyond other daily lab investigations. Students who perform well in this class will be well prepared for college. Open to all students in grades 9-12.

ADVANCED PHYSICAL SCIENCE (1 credit)

Prerequisites: Physical science, Advanced Algebra or Pre-calculus

This course is a study of physics. It is a laboratory science course that examines the relationship between matter and energy. This course has a strong emphasis on the language of the universe—mathematics. The big ideas that will be explored through laboratory investigations, activities, and class work are motion, waves, energy, light, electricity, magnetism, and atomic physics. Advanced physical science is a college preparatory course that introduces the concepts needed to successfully complete a college general physics course.

CHEMISTRY (1 credit)

Prerequisites: Algebra 1, Physical Science, Biology

Chemistry is a laboratory science class that explores matter, chemical reactions, and energy. The big ideas that will be explored through laboratory investigations, activities, and class work are conservation of matter and energy, behavior and properties of matter, equilibrium, and driving forces. Chemistry is a college preparatory course that introduces the concepts needed to successfully complete a college general chemistry course.

HUMAN BIOLOGY (1 credit)

Prerequisite: Successful completion of Biology or Teacher Approval

Human Biology is an upper-level college prep course investigating the human condition from three perspectives. First, students will learn the anatomy, physiology, and pathology of the ten systems of the human body. Students then will learn the basics of Mendelian genetics, and then use that information to understand human eugenics. Lastly, students have the opportunity to discover and investigate the basics of human psychology. The class is directed at not only deeply investigating human biology, but also challenging the students at a college level which will help them prepare for their college future.

ADVANCED SCIENCE (1 credit)

Prerequisite: Physical Science

Advanced science is a laboratory science class that is designed to strengthen students' scientific understanding and abilities. The curriculum is student-driven and focuses on projects and experiments.

SOCIAL STUDIES

WORLD STUDIES (1 credit)

Prerequisite: None; required for all freshmen

This course focuses on the physical geography, history, lifestyles and cultures of various countries around the world. There will be a review of basic geographical terms and concepts, along with a study of various continents and countries of the world. Course assignments include maps, posters, group and individual research projects, and personal choice projects about various regions. A passing grade in this class is required for graduation.

EARLY AMERICAN HISTORY (1 credit)

Prerequisite: Sophomore standing

This course gives a comprehensive overview of United States history through Reconstruction. It focuses on the people, events and ideas that are the foundation of our country, from before Columbus through the late 1800s. There are many different subjects studied during this course, including the American Revolution, the Constitution and Bill of Rights, Slavery and the Civil War. Projects for students include an in-depth study of Native Americans of Wisconsin, participation in the Voice of Democracy contest, and a “museum exhibit” using primary and secondary sources on a topic in Wisconsin history. Course assignments include daily assignments, individual and group research projects, written and oral reports, a book report, and various other options. A passing grade in either Early or Modern US History is required for graduation.

MODERN AMERICAN HISTORY (1 credit)

Prerequisite: Sophomore standing

This course will give an overview of the 20th Century. It is a decade-by-decade study of the people, events and ideas that shaped modern American history (1900 to the present). Some of the areas of focus in this course include WWI, women’s rights, The Great Depression and the New Deal, WWII, the Cold War, the Civil Rights Movement, the Vietnam War, Watergate, along with more recent history. Course assignments include timelines, posters, daily assignments, and some group and individual research projects. Also, each student will complete one large project of his or her choice per quarter. A passing grade in either Early or Modern US History is required for graduation.

CIVICS (1/2 credit)

Prerequisite: Required for all Juniors

The purpose of this course is to develop productive citizens. Responsible US citizens need to know the purposes of government, the benefits and challenges of American democracy, how to take action in that democracy, and America’s role in world affairs. This class will explore the structure of the federal government, as outlined in the US Constitution, and the organization of state and local governments, including the election process. Other topics that will be studied during this course include civil and criminal law, citizenship, and a brief overview of the many different types of government. Course assignments include, but are not limited to, daily assignments, group and individual research projects, class discussion, written reports, and participation in a mock election. In addition, all students must attend one school board meeting during the semester. A passing grade in this class is required for graduation.

LOCAL HISTORY (1/2 credit)

Prerequisite: None (open to students in grades 9-12)

This course is all about making our local history more interesting to you and to others. It will develop your research and computer skills and help you develop a better understanding of our community. A large amount of time is dedicated to research, mostly done as a large group. Some small projects may be done individually. There is a lot of room to tailor the interests of the students to the research. Past examples of topics covered include: the history of LHS; Changes to Main Street; La Farge during WWII; Seelyburg and Chapel Hill Cemetery; and Century Houses in La Farge.

PRESENTING AMERICA (1/2 credit)

Prerequisite: None (open to students in grades 9-12)

This course is all about making history more interesting to you and to others. It will focus on learning about local history, as well. A large amount of time is dedicated to research, resulting in a final project that will be presented to the community. This is a course intended for students who can work independently, enjoy research, and are interested in local history. Students will create an individual project, based on National History Day standards, as well as participate in an all-class research project. All projects will be presented to the public at a local History Night.

CURRENT EVENTS (1/2 credit)

Prerequisite: Junior or Senior standing

This course will give students the opportunity to discuss current events and issues in America and around the globe. Course assignments include daily newspaper and/or magazine readings, and the completion of US and world maps. The majority of grading in this class is based on class discussion and participation.

HISTORY VS. HOLLYWOOD (1/2 credit)

Prerequisite: Junior or Senior standing (seniors will have preference)

This course will give students the opportunity to compare actual historical events with their Hollywood counterparts. Classes will research various topics, then watch the corresponding movie. Topics to be covered range from Ancient Rome to various wars and battles, to American Presidents; however, students will be able to have some say over what topics are covered during the semester. Students will be graded on comparison papers, research, and class participation.

ECONOMICS & SOCIOLOGY (1/2 credit)

Prerequisite: Junior or Senior standing

This course will give an introduction to two of the social sciences, economics and sociology. The first quarter will focus on economics, and second quarter on sociology. Due to the nature of the course, you will get an overview of the most important aspects of each area, without going into too much detail. Economics is the study of society's wants vs. needs. This class will look at different economic principles and systems, supply and demand, market structures, competition and monopolies, and business and labor perspectives. Sociology is the study of society and of human interactions. This class will look at the concepts of social structure, cultural diversity, class, gender, ethnicity, and various other affects on how people live.

ADVANCED HISTORY(1/2 credit)

Prerequisite: Junior or Senior standing; permission of instructor

This class is intended for students who plan on going on to some type of post-secondary education. It primarily revolves around researching a historical topic and writing a research paper using the correct historical format. While there are certain guidelines each student must follow, there is plenty of variation in what topics they choose, so once this class gets going, it will be very much an independent study-type course. In addition to research papers, students will research and create a museum display around a historical subject.

WORLD WAR II & FILM (1/2 credit)

This class will take an in-depth look at World War II. We will spend one quarter on the war in the Pacific Theater and one quarter on the war in the European Theater. To deepen our knowledge, we will use literature, short stories, and Hollywood movies to learn about perceptions of the war. Students will be graded on participation and a variety of activities, including research projects, written reports, and exams.

NATIVE AMERICAN HISTORY (1/2 credit)

Prerequisite: Sophomore standing

This class is intended for students who are interested in learning about the first peoples of North America. We will spend time learning about various tribes throughout the United States, with an emphasis on how their lives and culture changed once they encountered Europeans. Other topics covered will include Native American wars with the US government, treaties, reservations, the American Indian Movement, and modern life.

ADVANCED PLACEMENT (AP) UNITED STATES GOVERNMENT (1 credit)

Prerequisite: Senior standing; grade of B or higher in Civics; permission of instructor

AP U.S. Government and Politics is an intensive study of the government of the United States. It is a year-long course that looks at the formal and informal structures of our government and includes a study and evaluation of the political system that runs it. The course is designed to help students develop an understanding and appreciation for how the political system works and how it influences and touches the lives of every American. Also, it is designed to help students understand how their participation in the system is important to its survival. Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities. This course requires an interest and willingness to work on an accelerated level. The tests, supplemental readings and assignments are mostly on a college level and require the students' best efforts. This course is designed to prepare students for the AP Exam.

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY (1 credit)

Prerequisite: Junior of Senior standing and permission of instructor

This class is designed for the high school student who is looking for a challenge. It carries with it the expectation that the student is a motivated, self-starter who possesses a maturity level that will allow them to look beyond a cursory understanding of American History and develop an appreciation for the intricacies and complexities of the American experience.

The goal of Advanced Placement courses is not just the successful completion of the test in May, but also, to prepare a student for the rigors of college work as they become college freshmen. Many college professors expect the incoming students will be able to think critically and have the ability to express themselves in a mature, scholarly way. If students in this class meet the expectations of this instructor, they will be well prepared to excel at the next level.

The AP U.S. History course focuses on the development of historical thinking skills and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. The class will consist of considerable reading from the text, as well as the examination of documents from all areas of American History. Through lecture, discussion and class presentations, the students will develop an overall understanding of American History that they will be able to use on the annual AP Exam in early May.

TECHNOLOGY EDUCATION

INTRODUCTION TO TECHNOLOGY EDUCATION (1 credit)

This is an introduction class to the different areas of the technology education department. Topics covered will include: Technical Drawing, Industrial Design, Production Tool use, Woodworking Production, and Electricity / Electronics, The Basics of programming robots to perform simple tasks. Student projects will include CO2 race cars and small woods projects as well as other design projects. This course is a requirement to enter other Technology Education classes. Open to students in grades 9-12

BASIC AUTOMOTIVE (1/2 credit)

In this class we will explore the modern automotive engine and automobiles. The student will learn how an engine operates and how to maintain their vehicles. We cover tools and terminology from Accelerators to Zener Diodes. This class is a good idea for any student that now has or intends to have a car. Open to students in grades 10-12.

WOODWORKING I (1 credit)

This course is designed to introduce students to the methods used to design and build wooden projects. This course is lab based and students must work with wood lab equipment in order to be successful in the class. Students will begin learning basic shop and equipment safety while building simple wood working projects such as shelves, stepping stools, folding stools and cutting boards. As students' skill level increases they will work on more complex wood projects such as entertainment centers, toy boxes, cabinets and furniture. The last quarter of the class students will be expected to design and build a project of their choice.

WOODWORKING II & CABINET MAKING (1 credit)

Prerequisite: Woodworking I

This course is for students who have successfully completed Woodworking 1 but wish to take their woodworking skills to the next level. The first semester of the class will focus on cabinet and furniture making. The second semester of the class will be focused on an advanced individual project such as bed frames, tables, gun cabinets or other large furniture items. This is a hands-on course and students interested in the class should be self motivated and prepared to invest time and supplies in a project with considerable value.

MECHANICAL DRAWING/COMPUTER AIDED DESIGN (1/2 credit)

This course will teach students the fundamentals of drawing mechanical components using 3D software called Solidworks. Students will learn tools and techniques of using Solidworks while also learning to draw mechanical parts to share with others. This class will be entirely computer based and students will be expected to stay on task while working on the computer. Students interested in careers in, manufacturing, construction, architecture, and engineering should take this course.

RESIDENTIAL CONSTRUCTION (1 credit)

Prerequisite: Woodworking I

This course is designed to give students the opportunity to learn the basics of building a home. The class will begin with proper site selection and preparation and move through each of the stages as if they were building their own home. As part of the course students will construct a storage shed or other specially designed structure for someone in the community. The units that will be covered in the class may include but are not limited to, concrete, framing, roofing, wall finishing, electrical, plumbing and finish work. This is a must take class for any student interested in working in the carpentry field.

ELECTRICITY & ELECTRONICS (1 credit)

***Approved for Local Mathematics Credit**

This course is a basic introduction to electricity. Students in this class will be expected to take basic electrical readings using a multimeter, construct basic circuits on a breadboard, learn to read simple electrical schematics, solder wires together and trouble-shoot electrical problems. This class will include basic algebra equations as they apply to Ohms Law and some more advanced geometry used to look at waveforms of electricity and how we generate electricity. This class would be very beneficial for any student interested in an electronics field or any student interested in an auto or technical maintenance position.

TRANSPORTATION & ENERGY (1/2 credit)

Prerequisite: Introduction to Technology Education

This course will study the transportation and energy systems that are all around us. Transportation technology is a study of movement of people and products through various environments. The environments studied will be land, water, air, and space. Students will also be studying alternate energy sources, internal combustion engines, mechanization, hydraulics, pneumatics and aerodynamics through the design and construction of various models. Open to students in grades 10 -12

MANUFACTURING (1/2 credit)

Manufacturing is a course that explores the entire manufacturing process. It is designed to give students hands-on experiences in the planning, developing and operating a student enterprise within an educational environment. Students will research, develop, produce and market a product, which they have deemed feasible and marketable. As electricity and automation are a large part of manufacturing today we will also explore electric theory and robotics as part of the class. Open to students in grades 9-12.

WELDING I (1/2 credit)

Welding 1 is an introduction to the basic cutting and welding processes along with career exploration. Upon completion of this class, students will be able to safely setup and use SMAW, GMAW, and Oxy Fuel welding methods and also use plasma and abrasive cutting systems. This class is beneficial for anyone with an interest in building or repairing things that are made of metal.

ADVANCED STUDY IN TECHNOLOGY EDUCATION (1/2 or 1 credit)

Prerequisites: Mechanical Drawing/CAD, Woodworking II, Instructor's approval

This class is designed for students that are interested in further developing their skills and craftsmanship. The student will be required to design and build his/her own project. Open to students in grades 11 -12

EXTRAS

Early College Credit Program

The Youth Options statute (118.55) was renamed the Early College Credit Program (ECCP). The ECCP statute allows Wisconsin public and private high school students to take one or more courses at an institution of higher education for high school and/or college credit.

Start College Now

2013 Wisconsin Act 20, the 2013-15 biennial budget act, eliminated Part-Time Open Enrollment and, in its place, established a new program for students entitled Course Options. Course Options still provides a means for Wisconsin students to take courses offered by other Wisconsin school districts, but now also includes the opportunity for students to enroll in courses offered by charter schools, various institutions of higher education, and approved nonprofit organizations at no cost to the student.

Specifically, the new Course Options law allows a pupil enrolled in a public school district to take up to two courses at any time from an educational institution. Wisconsin Educational institutions are defined under the Course Options statute as:

- A public school in a nonresident school district;
- the University of Wisconsin System;
- a technical college;
- nonprofit institutions of higher education;
- a tribal college;
- a charter school; and
- a nonprofit organization that has been approved by the Department of Public Instruction (DPI).

More information can be found at <http://courseoptions.dpi.wi.gov/>

YOUTH APPRENTICESHIP (1 credit)

Prerequisite: Junior or Senior standing

Youth Apprenticeship is a program coordinated through CESA, and the Department of Workforce Development. It allows students the ability to earn real world experience in a chosen career pathway and earn high school credit. Students can meet with Mr. Slack to coordinate a meeting with Chuck Keller from CESA 3. Students will learn about the requirements and opportunities that the program offers and participate for 1-2 years.

La Farge High School prides itself in providing flexibility in scheduling to best meet the needs of our students. If you have any questions regarding classes or programming options, please contact Mr. Slack at (608) 625-0125.