

CLEAR LAKE SENIOR HIGH REGISTRATION HANDBOOK



2024-2025

**Clear Lake High School
Registration Handbook
2024-2025**

The School District of Clear Lake does not discriminate against pupils on the basis of sex, race, national origin, religion, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its education programs or activities. Federal law prohibits decimation in employment on the basis of age, race, color, national origin, sex, or handicap.

Planning Your Future

Students who attend Clear Lake High School are provided with the opportunity to access a wide variety of classes. It is the goal of this high school to provide graduates with knowledge and skills which will empower them to take charge of their lives whether their destination is a four-year university, community college, technical college, apprenticeship, the military, or the world of work. It is essential that students, with the help of their parents, plan well for their future.

This registration handbook is designed to explain the classes and educational opportunities available to students. Read it carefully to ensure that the classes selected will support your future goals.

Your teachers, counselor and principal are available to answer any questions you have as you plan your future.

Best wishes for a successful year.

Sincerely,

Mr. Bryan Melberg, Principal
Mrs. Kate Koehler, School Counselor

Clear Lake High School Registration Handbook 2024 - 2025

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INTRODUCTION

The purpose of the Registration Guide is to acquaint students and their parents with the many course offerings and options provided by the Clear Lake High School.

You are urged to read this guide carefully and seek the assistance of your family, teachers, and counselor in making course selections. It is essential that choices are made that are consistent with your educational and career goals, as well as the graduation requirements.

The Master Schedule for the year is developed based on the student registration requests. The courses and the number of sections offered for a course are based on your requests. Please register accurately, so you will get the courses you ultimately want and need. There is no guarantee that you will get into the elective classes that you request.

GRADUATION REQUIREMENTS

DEPARTMENT	CREDITS
Language Arts	4
Social Studies	3
Includes the following:	
History 9	
History 10	
Contemporary History (through 2025)	
Civics (2026 and beyond)	
Elective Jr. or Sr. Year	
Math	3
Science	3
Includes the following:	
Physical Science	
Biology	
Science Elective	
Health	0.5
Physical Education	1.5
Planning & Decision Making	0.5
Required Credits	15.5
<u>Elective Credits</u>	<u>10.5</u>
TOTAL FOR GRADUATION	26.0

A minimum of 26 credits will be required for graduation.

Mandatory Civics Exam- Students graduating spring 2017 and later must have taken and passed the required Civics exam. This will be completed through their social studies classes and will be reflected on their Clear Lake High School transcript.

Common Course Sequence Recommendations (will vary by student on occasion):

9th Grade Requirements English 9 Math Course History 9 Physical Science Physical Education 9 Health Minimum Electives		1.0 1.0 1.0 1.0 0.5 0.5 2.0
10th Grade Requirements English 10 Math Course History 10 Biology Physical Education 10 Planning & Decision Making Minimum Electives		1.0 1.0 1.0 1.0 0.5 0.5 2.0
11th Grade Requirements English 11 Math Course Science Course Contemporary History (thru 2025) Civics (2026+) Social Studies Elective Physical Education 11 Minimum Electives		1.0 1.0 1.0 0.5 0.5 0.5 0.5 2.5
12th Grade Requirements English Minimum Electives		1.0 6.0

REGISTRATION PROCEDURE

Fill out the registration form completely. Make sure that a parent/guardian signs the registration form before you turn it in. You are required to register for 7 classes per semester.

Changes to final schedules will be limited and must begin with the student meeting with the School Counselor. The Counselor will determine if the change is appropriate and will support the continuing goals of the student and his/her academic and career plans. In some cases, parental approval may be required before changes will be made. **Changes to a schedule once the semester begins will be very limited and by administrative (counselor & principal) approval only. It is very important to choose your courses carefully.**

GUIDANCE AND COUNSELING SERVICES

The primary goal of the school counseling program is to support and enhance student achievement and accomplishment. The school counselor consults and collaborates with teachers, administrators, and parents in assisting students to be successful academically, vocationally, and personally. Students should know that all information shared with a counselor is confidential unless you talk of harm to yourself or others, or you are a victim of abuse or neglect. In the above situations, all school staff are required by law to report this information to parents and/or the appropriate agencies. The school counselor will meet with students to listen, problem solve, provide support, create a plan for academic success, create and update academic career plans (ACP), and provide information about a variety of topics; for example, drug and alcohol abuse and depression. The school counselor will also relate interest, skill, and ability assessments to academic and career planning for all students. The school counselor can meet with parents to provide support and information regarding school and community based resources, share information within the boundaries of the counseling professional ethics, and review student academic and career goals. The school counselor will meet with school staff to help students with academic difficulties, assist in coordination, orientation, testing, and registration. The school counselor also assists staff in choosing and/or teaching curriculum dealing with developmental guidance and careers.

POST-SECONDARY TESTING

ACT – The ACT is a curriculum-based test now required for all Juniors in the State of Wisconsin. Testing will occur during the spring of Junior year. The ACT is an exam used by colleges for admission purposes. A student's ACT score is one factor considered by colleges when reviewing an application. Additional factors are grade point average, class rank, course selection, and extracurricular activities.

PSAT – The PSAT or pre-SAT is designed for college-bound juniors and is voluntary for students to participate in. It measures math, verbal, and writing skills. The PSAT provides students with a picture of their academic strengths and weaknesses so they may prepare for the SAT. PSAT scores are used by the National Merit Scholarship Program to identify qualified students.

SAT I & SAT II – The SAT, like the ACT, is used for college admission purposes. It is commonly used by east and west coast schools, some southern colleges and selective private schools. The SAT measures math, critical reading, and writing skills. SAT II measures specific subject areas.

POST-SECONDARY PLANNING

Training beyond high school is necessary for employment and success in a changing world. It is important for students to recognize that developing a background which will prepare them for a wide variety of opportunities is essential.

Students are encouraged to discuss and review post-secondary plans with their School Counselor each year. School counselors often provide students with resources to help explore ideas, select courses, and develop plans for a successful transition to their post-secondary choice.

Listed below are the minimum requirements for acceptance into designated colleges. Many universities and technical programs require more rigorous preparation than the minimum list indicated here. The courses selected during high school impact the opportunities that are available after graduation. Post-secondary programs carefully consider a student's preparation when determining admission.

4 Year College Admissions

Admission requirements vary depending on the university. It is recommended that you go on-line and check high school preparation requirements of the universities you are interested in. Universities require the following classes for admission:

- 4 English including Literature and Composition
- 3 Math – Algebra I, Geometry, and Algebra II (some colleges like the University of Minnesota-Duluth requires 4 credits of math)
- 3 Natural Science including at least one lab science like Chemistry, Anatomy or Physics
- 3 Social Science/History
- 4 Electives chosen from Foreign Language, Fine Arts, Computer Science or other academic, technical and career areas

Below are examples from two local UW-System schools.

UW-Stout

- 4 English including Literature, Composition, Rhetoric and Speech
- 3 Math – Algebra I, Geometry, and Algebra II
- 3 Natural Science
- 3 Social Science/History
- 4 Electives chosen from fine arts, and other academic, technical and career areas

Students are likely to be admitted if they are in the top half of their class or have a minimum ACT score of 22.

UW-LaCrosse

- 4 English
- 3 Math – Algebra I, Geometry, and one credit of advanced college preparatory math (Algebra II or higher, 4 credits preferred)
- 3 Natural Science including Chemistry, Physics, and/or Anatomy
- 3 Social Science/History
- 4 Electives chosen from computer science, fine arts, and other academic, technical and career areas

Average Applicant Preparation at UW-LaCrosse:

- 4 English
- 4 Math
- 4 Science
- 4 History
- 3 World Language
- 2 Additional Academic Credits

Profiles of admitted students at UW-La Crosse are that they are in the top 30% of their class and have an ACT score of 23-26.

Check current requirements of your top choices yearly to be certain you are on track for admission. Please be sure the courses you are taking will meet the Core College Preparatory Credit requirements. Some courses may be used to meet high school graduation requirements but will not meet college admissions requirements.

Private College

In general, private colleges have the same or similar entrance requirements as their public counterparts. Private colleges often required two years of the same Foreign Language for admission. However, some students may enjoy generous scholarships for academic, artistic, or athletic talent. Do not overlook private colleges due to cost as most end up being competitively priced once scholarship money is applied. Please be sure the courses you are taking will meet the Core College Preparatory Credit requirements. Some courses may be used to meet high school graduation requirements but will not meet college admissions requirements.

Community College/ 2 yr. College

- High school diploma, basic skills diploma or equivalent
- ACT Test

Certain programs and colleges often have additional requirements.

Technical College

- High school diploma, basic skills diploma (HSED or GED)

Early application is recommended as popular programs fill quickly and often have a waiting list. Admission requirements to some programs are very competitive. Nursing Programs and Radiography programs require grades of “C” or better in Chemistry.

Military Service

- High school diploma
- Physical examination
- ASVAB Vocational Inventory

Competitive wages, job training, tuition for college or technical school, and health and life insurance are just some of the benefits enjoyed by the men and women who serve our country. The Armed Services Recruiting Office is located in Rice Lake or Eau Claire however; most branches have servicemen assigned to our school district.

Employment

A high school diploma, good school attendance and some sort of work-based learning or advanced training is recommended.

CLEAR LAKE HIGH SCHOOL COURSE OFFERINGS

AGRICULTURAL EDUCATION DEPARTMENT

PLANTS, ANIMALS, AND YOU

Grade Level: 9-12
Semester Course .5 credit

This class has it all! You will spend time outside studying wildlife and compete in a land evaluation contest. You will grow plants for yourself in the greenhouse and also develop business skills by growing and marketing a crop of Poinsettias. You will become a stronger leader by learning to run a meeting using parliamentary procedure. You will explore the opportunities for competition and recognition in the FFA. This introductory level class has something for everyone, including a variety of hands-on activities.

LEADERSHIP

Grade Level: 9 -12
Semester Course .5 credit

Be a leader! Earn the recognition and respect you deserve. Learn to develop your leadership skills through practical hands-on activities in this class. This class will include career exploration, scholarship applications, conflict resolution, team building and community service projects. This is your opportunity to achieve and succeed by developing your potential for premier leadership, personal growth and career success.

HORTICULTURE

Grade Level: 9-12
Semester Course .5 credit

This class will be exploring the science behind growing plants! We will spend most of our days in the greenhouse studying different growing materials and plants. This class will be responsible for growing lettuce for school lunch in our FlexFarm hydroponic unit. We will also get an introduction to floral design and landscaping! This is a hands-on course and you will create projects and raise plants that you will get to take home.

NATURAL RESOURCES

Grade Level: 9-12
Semester Course .5 credit

This class will focus on the world around us! Specifically focusing on trees, lakes, and streams, and fish and wildlife habitats. We will explore forestry and the lumber industry, soil importance, hunting/fishing/outdoor recreation, and more! This course will at times take us out into nature and will include hands-on experiences like making maple syrup and learning to age trees!

EQUINE SCIENCE

Grade Level: 9-12
Semester Course .5 credit

If you have a love for horses, this is your class. The horse is such an important animal to millions of Americans. The student will learn to appreciate and understand why the horse is more popular today than years ago when the horse was the primary means of labor and transportation. Units that will be covered are history and development, feeding, breeding, health, classes and breeds, horse behavior, horsemanship and management.

This course will be offered on a rotating schedule.

FISH AND WILDLIFE

Prerequisite: Natural Resources

Grade Level: 10-12
Semester Course .5 credit

This class continues the fun that was had in natural resources by diving into water quality, fishing, fisheries, wildlife species, hunting regulations and safety, and how to protect our natural resources for recreational use in the future! This class will include many outdoor adventures like testing the water quality of nearby lakes, building fishing rods and turkey calls, and identifying populations by placing and watching trail cameras.

ANIMAL PRODUCTION AND PROCESSING

Grade Level: 10-12
Semester Course .5 credit

This class is focused on the care, keeping, and use of agricultural animals. We will be studying the feeding, breeding, quality, butchering, and processing that goes into raising many common agricultural animals. Species we will learn about include: Poultry, beef cattle, dairy cattle, sheep, goats, pigs, llamas, and alpacas!

CATTLE MANAGEMENT

Grade Level: 10-12
Semester Course .5 credit

Focusing on Dairy and Beef cattle, you will learn all about the care and keeping of cattle! This course is focused on students learning to diagnose common and infectious bovine diseases and their causes, follow fresh cow/metabolic control programs, practice biosecurity, develop protocols for a farm, develop calf and heifer management programs, practice proper veterinary drug use, develop a dairy herd health record-keeping system and plan a vaccination program.

This course will be offered on a rotating schedule.

AGRICULTURAL POWER AND TECHNOLOGY

Grade Level: 10-12
Semester Course .5 credit

This class will focus on cutting-edge technology in agriculture and the heavy equipment that makes things happen. Topics we will cover include: Hydraulics, diesel mechanics, alternative energy sources, drones, GPS technology, and AG structures and electricity.

This course will be offered on a rotating schedule.

SMALL ANIMAL SCIENCE

This course will count as .5 science credit for graduation

Grade Level: 11-12
Semester Course .5 credit

This class is designed to give you a basic understanding of many animal care topics to help you be a better pet owner. Topics that will be explored are: how to choose a pet, safety, careers in small animal care, handling and restraint, nutrition and digestion, anatomy, psychology, veterinary medicine as well as an in-depth study of species such as dogs and cats.

COOPERATIVE EDUCATION IN AGRICULTURE

Prerequisite: Enrolled in one other Ag Ed course

Grade Level: 12
Year Course 1 credit

If you want to learn business practices while earning money on the job, consider this course. This course provides on-the-job training in an agricultural business. Students will be placed on a farm or in another agricultural business while receiving wages at or above minimum wage rate. The work will be supervised and evaluated by the instructor and the employer. Positive human relations skills and interpersonal skills are stressed in an effort to promote a positive work ethic. Job sites may include production agriculture, processing, mechanics, horticulture, animal care and other agribusinesses. Students may receive one hour of release time per day from school for work and must work at least ten hours per week

ART EDUCATION DEPARTMENT

ART I AND ART II

Grade Level: 9-12
Semester Course .5 credit each

Art I and Art II are an exploration of all different types of mediums and techniques. You will explore a combination of both 2 dimensional and 3 dimensional works while also incorporating art history along with the elements and principles of design. Projects may include using pencil, charcoal, pastels, markers, paper mache, crafts, clay, plaster, metals, and wire in these beginner's classes. It is highly recommended to take either or both basic art classes as a prerequisite for Drawing, Painting, Sculpture, Ceramics, or Advanced Art.

DRAWING I

Grade Level: 9-12
Semester Course .5 credit

In this class, students will be exploring the world of drawing beyond what they learned in Art 1 or Art 2. They will be incorporating art history along with elements and principles of design into each of their projects. Drawing techniques will start off basic and gradually move onto higher skill levels. We will incorporate a variety of mediums and techniques such as pencil, charcoal, marker, ink, pastels, copper tooling, etc.

DRAWING II

Prerequisite: Drawing I

Grade Level: 10-12
Semester Course .5 Credit

This class is a continuation of Drawing I. Students will advance their drawing skills using a variety of different media such as charcoal, pencil, colored pencil, chalk, and ink. Students will need to provide their own sketchbook.

FOLK ART

Grade Level: 9-12
Semester Course .5 credit

Folk art will explore art created outside mainstream traditions of the art world. Emphasis will be on cultural arts and self taught artists from around the world. Batiks, printmaking, weaving, crafts, etc. are examples of possible units of study for this class.

PAINTING I

Grade Level: 9-12
Semester Course .5 credit

Painting class will incorporate a variety of both drawing and painting skills. Students will be introduced to the elements and principles of art along with art history into their paintings while experimenting with a variety of painting mediums and techniques. Such mediums may include: tempera paint, acrylic paint, watercolor, batiks, ink, etc. We will also be painting on a variety of surfaces in which students will also learn how to build and stretch their own canvas.

PAINTING II

Prerequisite: Painting I

Grade Level: 10-12
Semester Course .5 Credit

This class is a continuation of Painting I. Students will advance their painting skills using a variety of different techniques and media such as watercolor, acrylic, tempera and possibly oil paints. Students will need to provide their own sketchbook.

SCULPTURE

Grade Level: 9-12
Semester Course .5 credit

In sculpture class, students will be provided the opportunity to create 3 dimensional art forms using a variety of sculpture materials. Projects may include the use of paper, plaster, paper mache, wire, crafts, clay, wood, cardboard, metal, etc. Students will explore a variety of famous artists and styles as well as incorporating the elements and principles of design in their projects.

POTTERY I

Grade Level: 9-12
Semester Course .5 credit

In ceramics, students will go more in depth working with clay than they did in Art 1, Art 2, or Sculpture classes. Clay and plaster will be the main mediums of focus during this semester course. Students will learn a variety of clay techniques while incorporating the elements and principles of art. Techniques may include: coil building, slab building, draping, mold making, casting, and wheel throwing.

POTTERY II

Prerequisite: Pottery I

Grade Level: 10-12
Semester Course .5 credit

This class is a continuation of Pottery I. Students will advance their Ceramic skills using a variety of different techniques such as handbuilding and wheel thrown pieces.

ADVANCED ART

Prerequisite: At least 3 Art Classes and consent of instructor

Grade Level: 11-12
Semester Course .5 credit

This class is for those students who have already taken at least 3 basic art courses. This will be an independent study course. You will become responsible for creating your own area of focus whether 2D or 3D works of art and will be required to complete at least 4 projects with artist statements throughout the course of the semester. This will be a great class for those who are continuing their art education and can use their projects to help build an art portfolio.

BUSINESS EDUCATION DEPARTMENT

TECHNOLOGY FOR BUSINESS COMMUNICATION

Grade Level: 9-12
Semester Course .5 credit

This course teaches students to use technology and computer applications that improve their ability to communicate. Students will learn word processing and presentation program skills that are highly valued in today's world. Students will experience a combination of theory and real-world, project-based learning. Also, they will have the opportunity to earn two certifications as Microsoft Office Specialists (MOS).

TECHNOLOGY FOR DATA MANAGEMENT

Grade Level: 9-12
Semester Course .5 credit

This course teaches students to use technology and computer applications that manage data and information. Students will learn spreadsheet and database program skills that are highly valued in today's world. Students will experience a combination of theory and real-world, project-based learning. Also, they will have the opportunity to earn certification as a Microsoft Office Specialist (MOS).

INTRO TO ACCOUNTING

Grade Level: 9-12
Semester Course .5 Credit

This course is for students who want to learn basic accounting for businesses. Students will learn through a variety of methods and practical, real-world simulations in both paper and electronic formats. Students will study Generally Accepted Accounting Principles, the basics of dual entry accounting and how to perform the steps in The Accounting Cycle.

DESKTOP PUBLISHING

Grade Level: 10-12
(prior approval needed if grade 9)
Year Course 1 credit

The goal of this course is to produce our school yearbook. This is a unique course in that it takes a more business-centered approach to learning. Students are exposed to selling, creating and marketing a real product. Learning includes designing advertisements and yearbook spreads, journalism and writing, photography, and much more. This course is ideal for students who have a passion to be involved in the creation of the school yearbook. It likely will require some out-of-school work associated with gathering information and photographs to be used in publication.

ADVANCED DESKTOP PUBLISHING

Prerequisite: Desktop Publishing

Grade Level: 11-12
Year Course 1 credit

This course is for students who have already taken Desktop Publishing and want to take a leadership role in publishing the Yearbook. Did you enjoy creating the Yearbook? Would your valuable expertise and leadership skills be useful in helping new students to the class? If so, this class is for you! You will become the Editor and guide students in the creation of a successfully marketed and published Yearbook.

FINANCIAL ACCOUNTING (Advanced Standing)

Grade Level: 11-12
(prior approval needed if grade 9/10)
Semester Course .5 credit

This course is for students to learn the professional business side of financial accounting and how businesses keep track of their money. Students will learn the principles of the double-entry system, financial statements and the accounting cycle. Students will have hands-on accounting projects, in addition to book studies. Students who pass with a “B” or better will receive advanced standing for credit at Northwood Technical College. As such, students should recognize that this course has a rigorous curriculum.

PERSONAL FINANCE

Grade Level: 11-12
(prior approval needed if grade 9/10)
Semester Course .5 credit

This course is designed to give students a practical exposure to understand how the world of money works in their personal life. Students will learn about banking and consumer credit, borrowing and making major purchases, insurance, investing, earnings and earning potential, budgeting and more.

ENGLISH DEPARTMENT

ENGLISH 9

Grade Level: 9
Required Year Course 1 credit

In ninth grade English the reading material consists of poetry, short stories, a novel, a Shakespearean play and essays. The focus of the poetry unit is on the use of figurative language, imagery, rhyme, meter and rhythm of selected poems. The study of plot structure, characterization, setting and theme are explored in the short stories, novels and plays. Students will also study many literary techniques employed by authors including, irony, characterization, symbolism, foreshadowing, and suspense. The Shakespearean play introduces students to a different style of writing and speech patterns. Many of the written composition assignments are based on the literature read with a focus on interpretation and analysis. Organization and clarity are emphasized in the written assignments.

ENGLISH 10

Grade Level: 10
Required Year Course 1 credit

English 10 is a traditional course which includes a combination of language, literature and communication activities. For instance, students study grammar for the purpose of punctuation, sentence structure, and understanding of writing. Literature study focuses on interpretation skills and examination of human values. Students read and respond to short stories, plays, novels and poetry. Communication involves outlining and themes. An essential part of this course is the organizing of a written paper.

ENGLISH 11

Grade Level: 11
Required Year Course 1 credit

English 11 is a full year's course that focuses primarily on the study of American Literature. Students study both works of non-fiction and fiction as a reflection of the historical period and culture from which they are written. Students will learn how to effectively comprehend and analyze various forms of literature written throughout American history. Writing assignments will include literary analysis and essays of various forms and purposes. Students will also learn and practice skills in the areas of English grammar and reading directly related to the ACT test that all juniors will take in the spring of their 11th grade year.

ENGLISH READING & WRITING

Grade Level: 11
Semester Course .5 credit

English Reading & Writing class is an 18 week class for 11th grade students. It will help students with reading comprehension, vocabulary, and inference skills. Along with these reading skills, the writing skills of organization, summarizing, & using standard English will also be a focus. The class will be reading the nonfiction book *Boys in the Boat* as an anchor text. We will couple high-interest articles for close reading practice with text dependent analysis writing. Career readiness and real world applications for writing throughout the semester are a constant through the class.

ENGLISH COMMUNICATIONS

Grade Level: 12
Year Course 1 credit

This course is designed to provide students with an opportunity to learn and practice practical, "real-life" skills in the areas of writing, speaking, reading, listening and nonverbal communication. Students will be asked to create a variety of real-world documents and experiences as a means to better prepare them for the workplace. Some practical applications of communication skills include the creation of resumes, letters, job applications, reports, memos, emails, job interviewing, how-to documents, etc. Other units may include employer expectations, self-awareness, conflict resolution, and stress management. This class does not fulfill the English requirement needed to be accepted to four-year universities.

COLLEGE PREP ENGLISH

Grade Level: 12
Year Course 1 credit

College Prep is an elective course designed to give seniors who plan to attend a 4-year university the advanced work necessary to succeed. The course focuses on expository writing so the student will develop better skills in paragraph unity, adequate development and coherence through analysis of the forms of discourse. They will learn to take notes, organize and edit material into a readable document. The students will read, analyze, summarize and report the plots and themes of some of Shakespeare's works. They will also work on formal presentation skills necessary for the university setting.

AP ENGLISH LITERATURE AND COMPOSITION

Grade Level: 12
Year Course 1 credit

This course will engage students in the careful reading and critical analysis of literature. Through the close reading of selected prose and poetry texts, students will deepen their understanding of the writer's use of language to provide both meaning and pleasure for their readers. This information will then be used to write coherent and clear essays about the literature at hand. The composition portion of the class allows it to be both reading and writing intensive. The final has the students taking the AP exam. If completed with a 3 or above, students have the opportunity for college credit.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

LIFE SKILLS: ADULTING

Grade Level: 9-12
Semester Course .5 credit

This course is designed to help you as you become an adult and move out on your own. This course is a comprehensive semester class that includes units on communication skills, positive self talk & self-esteem, basic food preparation and nutrition, volunteering or community service, and housing/independent living. The class will cover basic car care, money and finances, pet ownership, healthy relationships, and quick meals on the go, including dorm room meals, meals in minutes, and cooking meals in an air fryer!

CHILD DEVELOPMENT & PARENTING

Grade Level: 9-12
Semester Course .5 credit

Are you thinking about being an elementary teacher, a childcare worker, or a parent? This is the course for you. This semester class focuses on the importance of preparation for pregnancy, birth, and parenthood. An in-depth study of the development of the child from the prenatal stage to six years is part of this course. Various activities in the community are available to practice many of the skills we learn in class. Both male and female students will be required to wear a simulation empathy belly as an example of pregnancy and development.

CREATIVE SEWING I

Grade Level: 9-12
Semester Course .5 credit

Creative sewing is a semester course, which concentrates on the creative use of the sewing machine, embroidery machine, and serger. The projects done in this class are at the student's expense and students should be prepared to bring in supplies to complete projects continually during the course of the semester. Students have the opportunity to do sewing for members of the school and community. All students are responsible for creating and completing a range of required sewing samples such as a project with a pattern, applique' project, 'pinterest' related crafts and scrapbook pages. Students work on individual projects in the textile curriculum and can focus on "do it yourself" inspired crafts.

CREATIVE SEWING II

Prerequisite: Creative Sewing I

Grade Level: 10-12
Semester Course .5 credit

This class is designed to challenge the student who has successfully completed Creative Sewing I. Students are engaged in individual projects and can choose to plan, create and complete a quilt of their choice. After completion, students continue to work individually based and create high end sewing projects of their choice. Students also have the opportunity to create projects based on recycling/redesigning products into "like new" items. This class continues to be at the student's expense and students should be prepared to have items to work on daily. Students will be graded daily based on participation and preparation.

FOODS I

Grade Level: 10-12
Semester Course .5 credit

This is a semester course, which includes the principles of preparing foods. Major units of study are equipment, safe and sanitary kitchen procedures, proper measuring, etiquette, baked goods, homemade pies, cake decorating, and appetizers. Students will also have the opportunity to investigate American cuisine and make pancakes, cupcakes, cookies, pizza, muffins, biscuits, brownies, cakes, whoopie pies, apple dumplings and fudge. This semester has a large focus on sweets and treats while the second semester aims towards meals and meal planning.

FOODS II

Prerequisite: Passing grade in Foods I

Grade Level: 10-12
Semester Course .5 credit

This is a semester course which includes the discussion, understanding, and preparing of foods from other cultures and recognizing their contribution to the American diet. We will spend time discussing nutrition, how foods go from idea to marketable product, meal planning and budgeting. We will discuss meal patterns and meal managers. Students will create meals for individuals and large groups. Some meals will include pastas, soups, meat and potatoes, salads, chicken, vegetarian options, quesadillas, BBQ, breakfast ideas and tacos. Students also learn about knife sharpening skills, and continued commitment to the proper use of kitchen terms and equipment.

PLANNING AND DECISION MAKING

Grade Level: 10
Required Semester Course .5 credit

In this class we focus on learning to make good decisions by planning ahead. We spend a large portion of time learning what it takes to be financially literate and financially successful. A portion of the course is spent in the computer lab area preparing students to think about their plans after high school using a program called "Career Cruising". We understand and practice decision making skills as we plan for our future. We also study and become aware of the responsibility of marriage and parenting, where we utilize the "Baby Think It Over" dolls.

HOUSING & INTERIOR DESIGN

Grade Level: 10-12
Semester Course .5 credit

With the large impact of home remodeling TV shows, this class brings imagination to reality. This course will help you better understand interior design. We will study the elements and principles of design and color and how they affect housing. We will study various furniture styles, lighting and decorating tips. We will practice home maintenance and spend time developing a room layout. Architectural design, cost factors, and making informed housing decisions will also be studied. Students will get the opportunity to investigate various types of construction. Field trips may be part of the curriculum.

FOOD SCIENCE

This course will count as .5 science credit for graduation

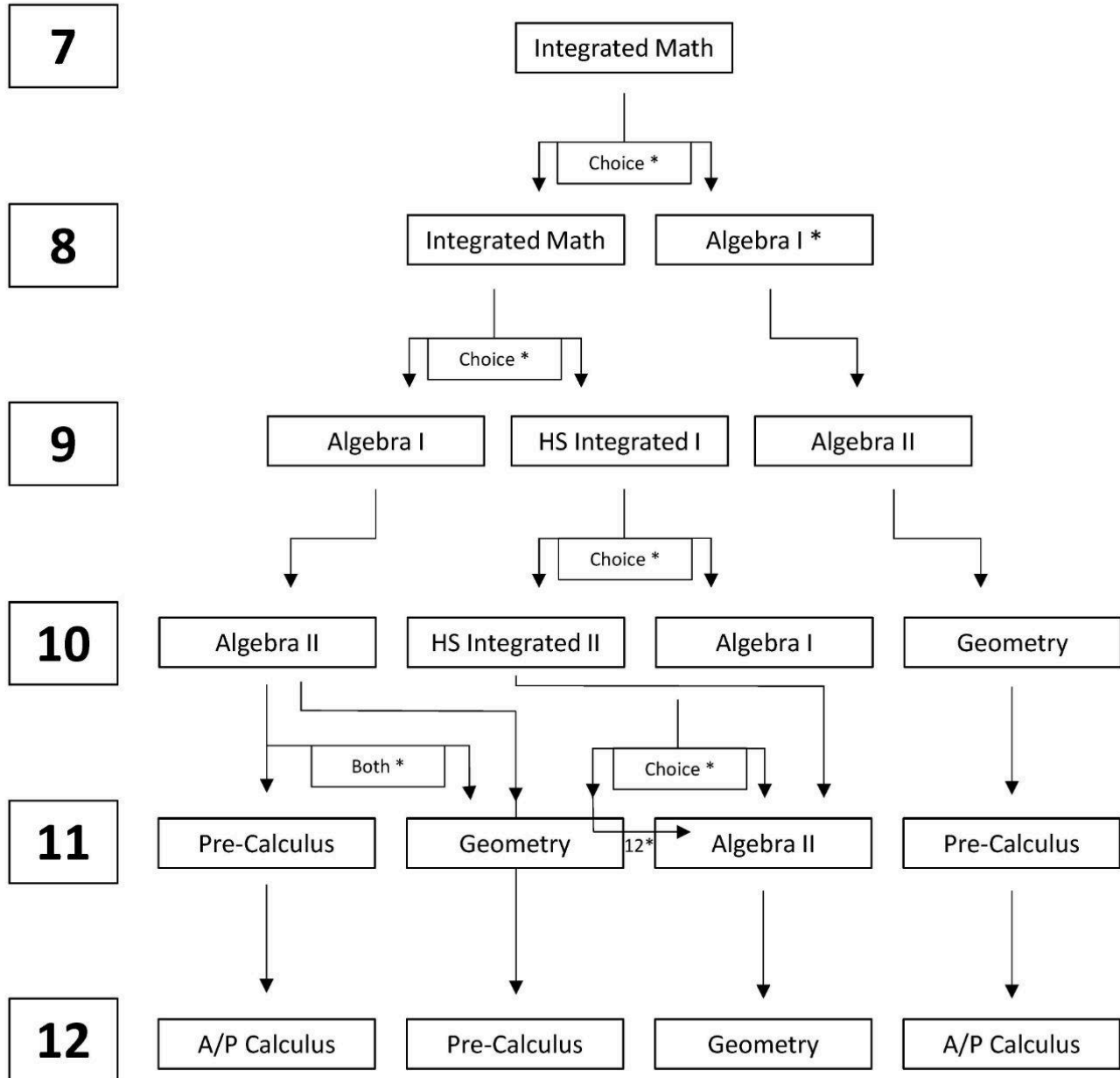
Grade Level: 11-12
Semester Course .5 credit

The Food Science and Nutrition course focuses on a hands-on-learning approach to the vast world of food. The course is designed to take the students on a journey beginning with food influences and departs with the opportunity for students to embark on careers in culinary arts, food science, dietician/nutrition, and beyond. This course incorporates the connection of food and sciences with classroom experiments to demonstrate unique taste perceptions and how visual discernment manipulates taste. Experiences in the Food Laboratory will permit the students to practice skills ranging from safety and sanitation, accurate measuring and recipe math, correct utensil and appliance operation, to time management and table etiquette.

MATHEMATICS DEPARTMENT

Grade

Course Progressions & Pathway Options



* This option requires teacher-parent approval

Updated 01-27-2023 – LCP in PPT

HS INTEGRATED MATH I

Grade Level: 9
Year Course 1 credit

HS Integrated Math I is designed to provide students a math foundation of skills required for any career pathway they choose. Students will understand and apply using the correct order of operations, multiplication of polynomials, properties and math concepts of triangles, quadrilaterals, lines, and angles. Students will solve problems involving perimeter and area, add and subtract polynomials, and solve and graph linear equations and inequalities.

HS INTEGRATED MATH II

Grade Level: 10-12
Year Course 1 credit

HS Integrated Math II will allow students to understand and apply math to real life problems. Students will solve problems using percents and the Pythagorean Theorem, calculate surface area and volume, multiply and divide monomials, find distance and midpoints of segments on a coordinate plane, graph linear equations using slope-intercept form, change any linear equation to slope-intercept form, and understand the effects of transformations on functions.

ALGEBRA I

Grade Level: 9-12
Year Course 1 credit

Topics to be covered in Algebra 1 include, but are not limited to the following: Quantitative Reasoning, Algebraic Models, Functions and Models, Patterns and Sequences, Linear Functions, Forms of Linear Equations, Linear Equations and Inequalities, Multi-Variable Categorical Data, One-Variable Data Distributions, Linear Modeling and Regression, Linear Systems and Piecewise-Defined Functions, Exponential Relationships, and Polynomial Operations. The curriculum of this course is aligned with the common-core and Wisconsin State standards.

ALGEBRA II

Prerequisite: Algebra 1

Grade Level: 10 -12
Year Course 1 credit

Algebra 2 is a continuation of Algebra 1 in the math sequence with greater emphasis on the following topics: Quadratic, Polynomial, Rational, Radical, Exponential, and Logarithmic Functions. We also explore Trigonometric Functions and their graphs, as well as focus on the Unit-Circle. In addition, we work on concepts of Probability and decision making, and making inferences from data. This course is strongly recommended for students who intend to take chemistry, physics, pre-calculus, and/or are interested in a career area where mathematics is necessary. The curriculum of this course is aligned with the common-core and Wisconsin State standards.

GEOMETRY

Prerequisite: Algebra 1

Grade Level: 9-12
Year Course 1 credit

Topics to be covered in Geometry include, but are not limited to, the following: Transformations and Symmetry, Congruent Figures, Lines and Angles, Triangle Congruence, Properties of Triangles, Special Segments in Triangles, Properties of Quadrilaterals, Coordinate Proof, Similarity, Trigonometry with Triangles, and Properties of Circles. The curriculum of this course is aligned with the common-core and Wisconsin State standards.

PRE-CALCULUS

Prerequisite: Algebra 2 & Geometry

Grade Level: 11-12
Year Course 1 credit

Topics to be covered include, but are not limited to, the following: Polynomial, Power, Rational, Exponential, Logistic, Logarithmic, and Trigonometric Functions. In addition, we explore Analytic and applications of Trigonometry. There is also a major Introduction to Calculus component to this class. This course is a good preparation for any student who plans on going to college and/or is interested in a career area where mathematics is necessary.

AP CALCULUS

Prerequisite: Pre-calculus

Grade Level: 12
Year Course 1 credit

AP Calculus is a class intended for students seeking a post secondary education in a math-related field. It gives students the opportunity to earn college credits in math by passing the spring AP Calculus exam. Even if you elect to not take this exam, the subject matter covered in this course will prepare you for college level math and/or calculus. Topics to be covered include differentiation, integration, advanced trigonometric functions, and properties of limits.

MODERN LANGUAGE DEPARTMENT

SPANISH I

Grade Level: 9-12
Year Course 1 credit

Welcome to El Mundo Español! This class acquaints students with the Spanish language and culture. Students will learn vocabulary, verbs, and sentence structure. Units include words associated with basic phrases, likes/dislikes, characteristics, class schedules, classroom objects, food, places in the community, and sports. Students learn in a communicative environment where they listen to, speak, read and write Spanish via games, activities and book work. By the end of the course, students will be able to hold basic conversations in the target language.

SPANISH II

Prerequisite: Spanish I

Grade Level:10-12
Year Course 1 credit

Let's continue learning Español! This course is a continuation of Spanish I. Students grow their vocabulary base and learn more complex verb and grammar structures. Units include words associated with family, physical descriptions, restaurants, bedrooms, houses, tasks at home, clothing, accessories, travel, and media. Students listen to, speak, read and write in Spanish via games, activities, book work and projects. By the end of the year, students will be able to hold basic conversations and answer questions on a variety of topics in the Spanish language.

MUSIC EDUCATION DEPARTMENT

HIGH SCHOOL BAND

Prerequisite: Previous experience/instructor consent

Grade Level: 9-12
Year Course 1 credit

High School Band is a performance based class for students in grades 9 through 12 to develop their musical potential through performance of woodwind, brass, or percussion instruments. Students will rehearse and perform pieces from various genres and styles. Study includes the care and cultivation of a beautiful tone, the ability to read music fluently, the building of technical skills, care and maintenance of instruments and responsible rehearsal habits. Attention will also be given to relating their musical experiences to the time and culture of the pieces they will study.

Students are required to perform in concert performances as well as pep band and marching band that will occur both during and outside of the school day.

HIGH SCHOOL CHOIR

Grade Level: 9-12
Year Course 1 credit

The high school choir is a performance based class/group with members participating in various concerts and festivals during the year, many of these programs taking place outside of the regular school day, and it is expected that you participate in the performances. A large part of the grade for this class is based on concert/festival participation. Music from various styles and time periods in history are worked on throughout the year in preparation for the programs the choir participates in. Students are engaged in various activities which include singing, reading of music, describing music, and evaluating performances. A willingness to work with the director and with fellow students and be an active participant is a must for this class.

JAZZ BAND

Prerequisite: Must be enrolled in Band

Grade Level: 7-12
Year Course .5 Credit

Jazz Band will explore the music outside of the typical Band Class setting and will allow students to perform and learn about music from the early 1900s to present day. Genres covered in Jazz Band will include Jazz, Dixieland, Funk, Rock, R&B, and Blues. This would be offered as a "0" Hour Class. Consisting of two before school rehearsals a week (7am - 7:50am) and sectional time during WRAP once a week.

MUSIC THEORY I

Grade Level: 11-12
Semester Course .5 Credit

Music Theory is an academic music course which is designed to develop student comprehension of harmony, ear training, sight singing, music history, notation, arranging, keyboard composition, and counterpoint. Students will write music and gain a working knowledge of the elements and theory of music.

MUSIC THEORY II

Prerequisite: Music Theory I

Grade Level: 11-12
Semester Course .5 Credit

Music Theory II is a continuation of skills learned in Music Theory I. Our main focus in this class will be to compose and arrange music for various instruments/voices in different genres.

PHYSICAL EDUCATION & HEALTH DEPARTMENT

PHYSICAL EDUCATION 9, 10, and 11/12

Required Semester Class for Grades 9 & 10

Grade Levels: 9-12
Semester Course .5 credit

Physical education classes at Clear Lake High School are designed to improve students physically, mentally and socially. In grades 9-10, team participation is the focal point. In grade 9 students will take this class on the opposite semester as Health. In grade 10 Phy Ed is offered opposite Planning and Decision Making. Phy Ed 11/12 emphasizes individual and life-long activities.

HEALTH

Recommended Grade Level: 9
Required Semester Course .5 credit

This comprehensive health class is offered freshman year opposite Physical Education and is required for graduation. It focuses on topics highly relevant to teenagers today including: self-esteem and building healthy relationships, managing stress in your life, mental and emotional health issues, adolescent suicide, genetics and heredity, teen pregnancy, sexually transmitted diseases, CPR, tobacco, alcohol, illegal drugs, basic first aid, nutrition and eating disorders.

WEIGHT TRAINING/CONDITIONING

Grade Level: 11-12
Semester Course .5 credit

The course has a great emphasis on weight training/conditioning and dietary habits that will help the student make decisions that lead to living a healthy lifestyle. Individual activities as well as life-long activities are also stressed.

LIFETIME FITNESS

Grade Level 11-12
Semester Course .5 credit

Lifetime fitness is a physical education course that allows students to explore various forms of fitness activities to provoke lifelong healthy habits. Some activities may include Zumba, Step Aerobics, Walk/Run/Jog, Yoga, Kickboxing, Sports, Biking and Rollerblading. Upon the assessment of class interests, students will also have the opportunity to learn more about exercise science principles and careers in the Athletic Training and Kinesiology field.

SCIENCE DEPARTMENT

PHYSICAL SCIENCE

Grade Level: 9
Required Year Course 1 credit

Physical science is a brief overview of scientific practices, experimental design, and the sciences of physics and chemistry. The class will include such physics topics as motion, thermal energy, light and sound, and electricity and magnetism. Chemistry topics will include elementary atomic structure, the periodic table, and how atoms combine. The class includes lecture, lab based activities, research, and the use of models to help students better understand these scientific concepts.

BIOLOGY

Prerequisite: Physical Science

Grade Level: 10
Required Year Course 1 credit

Biology is the study of all living things and the processes required by those organisms. The class is a broad-spectrum class, which includes such topics as the scientific method and experimental design, structure and function of cells, genetics and heredity, reproduction of cells, and a brief introduction to animal body systems. Several lab activities, including dissection, will accompany the subject matter.

FUNDAMENTALS OF BIOLOGY

Recommendation of teacher/counselor required

Fulfills Biology Graduation requirement but is not a prerequisite for Chemistry or Physics

Grade Level: 10
Year Course 1 credit

This class is designed for those students who need to meet the high school graduation requirement for biology, but is not recommended for those who may seek college entry. Class size is limited and students must be recommended by a committee made up of teachers, the guidance counselor, and administration. The class is a broad-spectrum class, which includes such topics as the scientific method, structure and function of cells, genetics and heredity, reproduction of cells, and a brief introduction to animal body systems. Several lab activities, including dissection, will accompany the subject matter.

CHEMISTRY

Prerequisite: Geometry and Biology

Grade Level: 11-12
Year Course 1 credit

Chemistry is designed to challenge and prepare students for post high school education. Chemistry is the study of matter; to include how molecules form and why, the make-up and use of the periodic table, the "mole" concept and integrating it into mathematical computation, modern atomic structure, solubility, and acids & bases. Lab activities will include making observations of chemical reactions, data collection and analysis, and drawing conclusions based on laboratory evidence. Problem solving and scientific practices will be incorporated throughout the course.

PHYSICS

Prerequisite: Geometry and Biology

Grade Level: 11-12
Year Course 1 credit

Physics is designed to challenge and prepare students for post high school education. Physics is the study of motion, thermodynamics, sound and light, and electricity and magnetism. Students will use mathematical models to better comprehend physical phenomena. Lab activities will include students designing labs to isolate physical events, data collection and analysis, and drawing conclusions based on laboratory evidence. Problem solving and scientific practices will be incorporated throughout the course.

FORENSIC SCIENCE

Prerequisite: Biology

Grade Level: 11-12
Year Course 1 credit

Forensic science is a science-elective course rich in exploration and lab investigation which applies many disciplines of scientific study such as biology, anatomy, chemistry, biotechnology and physics to solving crimes. The scientific method, data analysis, powers of observation, and critical thinking to solve a problem are addressed in all aspects of the course. Topics of study include: fingerprinting, hair and fiber analysis, trace evidence analysis, blood samples, writing analysis, DNA analysis and much more. Scenarios based on actual and mock crime scenes will be integrated into the course.

ANATOMY AND PHYSIOLOGY

Prerequisite: Biology

Grade Level: 11-12
Year Course 1 credit

This course is for those students interested in science-related fields. It is highly recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy and athletic training. It may also be helpful for those students who plan to enter the field of education as a life science, health, or physical education teacher. The course will include the relationship between anatomical structures and functions in the body through the study of each of the human body systems. Lab activities will be included as well as dissections to accompany the subject matter.

This course will be offered on a rotating schedule in odd starting years.

AP BIOLOGY

Prerequisite: Biology completion or concurrently enrolled in chemistry

Grade Level: 11-12
Year Course 1 credit

Advanced Placement Biology is designed to further challenge and enrich the high school student who plans to continue their post high school education. AP Biology is intended to be the equivalent of a college introductory biology course. The course material and pace in AP Biology is designed to prepare high school students in their transition to college level courses and is not restricted to biology-focused majors (i.e. Many majors require an introductory biology course to be taken the first year.) The course covers the AP Biology Curriculum Framework by the College Board and includes four big ideas: The process of evolution drives the diversity and unity of life, biological systems utilize free energy, living systems store and respond to information, and biological systems interact. Upon completion of this course, students have the opportunity to take the College Board AP Biology examination. Proficiency on this test may qualify the student to: register for college courses requiring a biology prerequisite; to use this biology course for college credit; or be exempt from certain biology courses in college.

This course will be offered on a rotating schedule in even starting years.

SCIENCE "ELECTIVES"

The following courses can count as a science credit for graduation, ***please note that they may not meet admission requirements of a natural/biological science for colleges and universities.*** Pay close attention to the credits earned. Semester classes earn you .5 credit towards graduation.

SMALL ANIMAL SCIENCE

This course will count as .5 science credit for graduation

Grade Level: 11-12
Semester Course .5 credit

This class is designed to give you a basic understanding of many animal care topics to help you be a better pet owner. Topics that will be explored are: how to choose a pet, safety, careers in small animal care, handling and restraint, nutrition and digestion, anatomy, psychology, as well as an in-depth study of species of dogs and cats.

FOOD SCIENCE

This course will count as .5 science credit for graduation

Grade Level:11-12
Semester Course .5 credit

The Food Science and Nutrition course focuses on a hands-on-learning approach to the vast world of food. The course is designed to take the students on a journey beginning with food influences and departs with the opportunity for students to embark on careers in culinary arts, food science, dietician/nutrition, and beyond. This course incorporates the connection of food and sciences with classroom experiments to demonstrate unique taste perceptions and how visual discernment manipulates taste. Experiences in the Food Laboratory will permit the students to practice skills ranging from safety and sanitation, accurate measuring and recipe math, correct utensil and appliance operation, to time management and table etiquette.

SOCIAL STUDIES DEPARTMENT

HISTORY 9

Grade Level: 9
Required Year Course 1.0 credit

This course begins with students exploring the elements of civilization that have shaped the world. The interactions within society as they relate to political, economic, cultural, and religious differences will be looked at from early civilization to modern times. The course then transitions to the history of the Americas, from European Exploration through the Civil War. The study of government in the United States is also discussed based on the rights and responsibilities of citizens. Current events in the United States and the world today are also major themes discussed throughout the year.

HISTORY 10

Grade Level: 10
Required Year Course 1.0 credit

This course offers an in-depth, topical study of major themes in American History from the Civil War to the present. Students explore these themes and view how each has helped shape America as we know it today. Current events in the United States and the world today are also major themes discussed throughout the year.

CONTEMPORARY HISTORY

Required for students through the class of 2025

Grade Level: 11-12
Semester Course .5 credit

This course offers an in-depth, topical study of the major recent themes in American History since World War II. We explore these themes and view how each has helped shape America as we know it today.

CIVICS

Required for grade 11 or 12 beginning with the Class of 2026

Grade Level: 11-12
Semester Course .5 credit

Are you an informed and active citizen? This one semester course will examine the organization and functions of government at the local, state and national levels. Students will learn about the principles of democracy as well as the rights involved in responsible citizenship. In addition, students will examine public issues and investigate the government's role in society.

PSYCHOLOGY I

Grade Level: 11-12
Semester Course .5 credit

The goal of this semester course is to introduce the student to basic psychological concepts. Topics of study will include: the rise of psychology as a science, prominent figures past and present, methods of research, theories and ethical concerns, principles of behavior, the brain and behavior, levels of consciousness, sensation and perception. Students will be graded on daily work, projects, participation in simulations/role-plays/experiments as well as quizzes and tests.

PSYCHOLOGY II

Prerequisite: Psychology I

Grade Level: 11-12
Semester Course .5 credit

The goal of this semester course is to expand students' knowledge of psychology. Topics included will be learning, psychological disorders, memory and personality. Students will be graded on daily work, projects, participation in simulations/role-plays/experiments as well as quizzes and tests.

PSYCHOLOGY III

Prerequisite: Psychology I & II

Grade Level: 12
Semester Course .5 credit

The goal of this course is for the student to further their knowledge in the field of Psychology. Students will cover topics such as life span development, emotions, intelligence and Social Psychology as well as be exposed to topics discussed in college level courses. Students will complete course work and essays that mirror those offered in many AP classes.

AP U.S. HISTORY

Grade Level: 11-12
Year Course 1 credit

AP US History is an advanced course designed for university bound students who would benefit from an intense, fast-paced, reading and writing intensive course that would better prepare them for a university setting. Students will be required to rigorously analyze both primary and secondary history sources, independently read source material outside of class, write logically and precisely regarding these sources in both short answer and essay format, have a pre-existing knowledge of historical concepts and have the ability to reinforce them with factual materials. This course will be taught, presented, and be as rigorous as a university level course. This course prepares students for intermediate and advanced college courses by making demands of students, equivalent to those they will encounter in introductory college courses. Upon completion of the course, students will be given the option for national AP testing, and potentially earn college credit. However, taking the national AP Test and earning college credit should not be the sole reason for taking this class.

This course will be offered on a rotating schedule in odd starting years.

THE HAMILTON MUSICAL

Grade Level: 11-12
Semester Course .5 credit

Analyze the lyrics and historical themes of all 46 songs of this pop-culture sensation. The NYC Broadway musical is sold out, but there is a seat for you in our classroom. The story of our nation's founding, our founding mothers and fathers, the Revolutionary War, the Articles of Confederation, the Constitution, the early trials and tribulations of the United States, and lessons that modern America can learn from this time period will all come alive through scholarly analysis of each song in this semester-long course. Don't throw away your shot, enroll today!

Unit 1: Introduction to Colonial America

-Alexander Hamilton, Aaron Burr, Sir, The Story of Tonight, The Schuyler Sisters, A Winter's Ball, Helpless, Satisfied, Wait for It, That Would be Enough, Dear Theodosia, Hurricane

Unit 2: The Stirrings of Rebellion and the Revolutionary War

-My Shot, Farmer Refuted, You'll Be Back, Right Hand Man, The 10 Duel Commandments, Meet Me Inside, Guns and Ships, History Has Its Eyes on You, The Battle of Yorktown, What Comes Next

Unit 3: The Articles of Confederation and the Constitution

-Non-Stop, What'd I Miss, Cabinet Battle #1, Cabinet Battle #2, Washington On Your Side, One Last Time, I Know Him, The Adams Administration, The Room Where It Happens

Unit 4: Trials and Tribulations of Early American History

-The Election of 1800, Your Obedient Servant, The World Was Wide Enough

Unit 5: 1776 to the Present- Application to Contemporary US History

-Who Lives, Who Dies, Who Tells Your Story?

This course will be offered on a rotating schedule in even starting years.

CHARACTER EDUCATION: THE MEDAL OF HONOR

Grade Level: 11-12
Semester Course .5 credit

There are “heroes among us”. In this course, you will learn their stories. Students will study both the heroic actions of the recipients of our military’s greatest honor; the Medal of Honor, as well as the stories of our nation’s Citizen Medal of Honor recipients as well. Students will explore how courage, commitment, sacrifice, patriotism, integrity, and citizenship all apply to the recipients of the Medal of Honor, but just as important, can be exemplified in their own lives as well. Students will also be encouraged and expected to demonstrate their acquired knowledge in projects aimed to improve their school and community.

Unit 1: What is the Medal of Honor, and what does it mean? History, Symbolism and Background

Unit 2: What Makes a Hero? The Individual, Courage and Integrity

Unit 3: Humanity: Sacrifice and Commitment

Unit 4: The Nation: Citizenship and Patriotism

Unit 5: Medal of Honor Project: Personal Reflection, Application, and Making a Difference in Your Community

This course will be offered on a rotating schedule in even starting years.

TECHNOLOGY EDUCATION DEPARTMENT

3D/2D COMPUTER DESIGN

Grade Level: 9-12
Semester Course .5 credit

This course will cover the basic principles of print reading using SolidWorks. The emphasis is on interpreting standard lines and symbols in single and multiple view working drawings. Topics include print reading procedures, drawing changes, machining specifications, and the reading of prints in specialized areas including ANSI and ISO standards. This course will study the principles of drafting and engineering. The second portion of the class will emphasize design and architecture of residential structures. Students will design and complete floor plans using the Soft Plan program.

DIGITAL TECHNOLOGY

Grade Level: 9-12
Semester Course .5 credit

This class will focus on students being good digital citizens. Students will use google sites to create their own website where they will place the majority of their work for the class. This will include digital photos which they will take and/or scan and edit with Photoshop. Picture taking techniques, rules of composition, and parts of the camera will also be taught. Students will then create some different video projects where they will have to edit them with Pinnacle. We will then explore some coding and video game design and production.

ELECTRICITY/ELECTRONICS

Grade Level: 9-12
Semester Course .5 credit

A course covering the basics of electricity and electronics. Units covered include Ohm's law, series and parallel circuits, alternating current, direct current, residential wiring, electric motors, printed circuit boards, semi-conductors and resistors. Several projects will be assembled to familiarize students with the skills necessary in the electronics industry and residential wiring.

EMPLOYABILITY SKILLS

Grade Level: 9-12
Semester Course .5 credit

Employability skills are those that apply across a variety of jobs and life contexts. They are also known as key skills, core skills, workplace skills, essential skills, key competencies, necessary skills, and transferable skills. Regardless of what they are called, employability skills are those basic skills necessary for getting, keeping, and doing well on a job. They are generic in nature and cut across jobs, industry types and occupational levels. This class allows students to identify a career pathway and explore and master the 21st century skills necessary to become successful in their career choice. (Examples of possible careers and skills could be but are not limited to; CNC programmer, CNC operator, carpenter, cabinet maker, engineer, designer, marketing and sales.)

MATERIALS AND MANUFACTURING

Grade Level: 9-12
Semester Course .5 credit

This course emphasizes the materials and processes used in manufacturing. Fundamentals include the properties, structure and nature of materials for manufactured goods such as ferrous and nonferrous metals and alloys, plastics and composites and ceramics along with the selection of materials for various functions. Machines, safety, materials, hand tools and material removal and joinery will also be covered. The students will then manufacture required and individual projects including sheet metal tool boxes, aluminum dice and various plastics projects using sheet metal tools, a vertical mill, various hand tools, CNC mills and 3D printers.

WOODS I

Grade Level: 9-12
Semester Course .5 credit

The Woods I course includes machines, safety, lumber calculations, hand tools, wood joints, and the study of wood and composites made from wood. Students will use these materials to construct two required projects along with purchasing materials for their own individual project. This course enables students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

WOODS II

Prerequisite: Woods I

Grade Level: 9-12
Semester Course .5 credit

Woods II will build off the skills and machines learned in Woods I. New equipment like the wood lathe and different uses for the router will be learned along with more advanced joinery techniques. Students will have two required projects with materials provided and then have the opportunity to build more elaborate individual projects.

CONSTRUCTION

Grade Level: 10-12
Semester Course .5 credit

This course is designed to give the students a basic understanding of construction materials and processes. The students will study blueprint reading and construction terms and processes. Videos, discussions, and expert speakers will be used to describe the process of residential building construction. The material covered includes property layout and planning, footings and foundation walls, skeletal frame and masonry wall construction, roof and roof construction, door and window framing, stair design and layout. The information learned in this class can be used in carpentry, construction, and drafting industries. It will help the student to make career choices and be able to further his/her education and specialize in one of the construction areas. Lastly, the class will have one or two construction problems (storage sheds) to complete.

SMALL GAS ENGINES

Grade Level: 10-12
Semester Course .5 credit

This course covers the basic principles of two and four-cycle gas engines. Safety will be an integral part of this class. Engine parts identification, proper tool and equipment use, and mechanical systems will be studied. A major portion of this course will be the service and repair of small gas engines provided by the school as well as work time on small independent gas engine projects from home.

WELDING FOR MECHANICS

Grade Level: 10-12
Semester Course .5 credit

This course includes instruction in basic arc and gas welding. Both GMAW (wire) and SMAW (stick) will be used to learn arc-welding techniques. In addition to using the plasma cutter, you will learn oxyacetylene welding, brazing, and cutting. Welding safety will be an integral part of this course. You will be instructed in flat, horizontal and vertical weld positions.

ADVANCED WELDING

Prerequisite: Welding for Mechanics

Grade Level: 10-12
Semester Course .5 credit

This course will be available only to those students who have successfully completed Welding I. This course offers students an opportunity to further develop the skills learned in Welding I and to apply that knowledge to more advanced use. Students will do some metal fabrication and project development.

WORK BASED LEARNING

WORK BASED LEARNING

Grade Level: 11-12

Prerequisite: Must have Work Based Learning paperwork complete by the start of each semester.
STUDENTS WILL NOT BE ABLE TO CHANGE CLASSES TO WORK DURING THE MIDDLE OF THE SEMESTER.

Work based learning involves working a paid job outside the school building related to your academic and career plan. Students could be enrolled in a Youth Apprenticeship, Skills Co-op, or Work Experience depending on what work you are doing out in the community. Work Based learning requires students to attend a work based learning meeting in the spring of the year prior to enrolling. Students must work a minimum number of hours per week, provide documentation of hours worked, complete paperwork, check in with their school based supervisor and maintain passing grades in all classes in order to be released to work. If you enroll in work based learning you **MUST** attend a meeting with the counselor and work release coordinator.

DISTANCE LEARNING (ITV)

Distance learning courses are open to Juniors and Seniors with a 3.0 grade point average, a limited record of discipline/attendance issues, and those who are self-motivated learners. You must meet the requirements to enroll in tuition based courses. There are instances where Sophomores will be allowed to sign up for an ITV class. This will only be allowed after careful consideration of student needs and with permission from the school counselor. In questions of eligibility, a team consisting of teaching staff, the high school counselor and principal will make the final decision. **Please note that ITV course offerings change each year.**

AMERICAN SIGN LANGUAGE I

Grade Level: 11-12
Year Course 1 credit

Participants will learn the manual alphabet, signed numbers, sign vocabulary, and develop receptive and expressive skills in American Sign Language (ASL). History and issues pertinent to the Deaf culture will be researched and discussed. Upon completion of this course, students will be able to communicate effectively in basic signed conversations and be familiar with the values of the Deaf Community. Student materials, resources and homework will require access to the CESA Moodle server and will also require each student to have an email account that can be accessed at school. NCAA approved at origination site. One field trip each year.
CESA 11 Distance Education Network, Ann Krance- Instructor

AMERICAN SIGN LANGUAGE II

Prerequisite: Sign Language I

Grade Level: 11-12
Year Course 1 credit

Students will improve their expressive and receptive signing skills and be able to communicate effectively in most social situations. The Deaf Culture will be stressed. Students will read a book about a deaf individual and research current deaf personalities. Student materials, resources and homework will require access to the CESA Moodle server and will also require each student to have an email account that can be accessed at school. One field trip each year.
CESA 11 Distance Education Network, Ann Krance- Instructor

AP COMPUTER SCIENCE

Grade Level: 11-12
Semester Course .5 Credit

This course emphasizes object-oriented programming methodology with a focus on problem solving and algorithm development. Develop the skills required to write programs or parts of programs to correctly solve specific problems. You will learn design techniques to make programs understandable, adaptable, and reusable. Pre-Requisite: Algebra 1
Grantsburg High School, Michael Henderson- Instructor

INTRODUCTION TO CRIMINAL JUSTICE

Grade Level: 11-12
Semester Course .5 Credit

Students will explore the evolution of criminal justice systems, including courts, corrections, and law enforcement. Understand career pathways within the criminal justice system, including roles, functions, and professionalism.

Northwood Technical College, 3 technical college credits

INTRODUCTION TO TEACHING

Grade Level: 11-12
Semester Course .5 Credit

Designed for prospective teachers and other education professionals and serves as an introduction to both the field of education and to the Teacher Education program at UW River Falls. The course provides an introduction to interrelated aspects of education across three levels of analysis: Individual (teacher, child), Institution (school as a place to work and learn), System (schooling as reflective and transformative of society) Students learn through readings, class activities and discussions, assignments that utilize inquiry processes, and visits to educational settings. Several written assignments require students to reflect on their experiences and learning.

More Information- <https://prezi.com/v/jvluuh-olwyk/ted-100-description/>

Designed to meet degree requirements for UWRF education majors.

UW River Falls, 3 university credits

IT DEVELOPMENT & DESIGN FUNDAMENTALS AND PROGRAMMING CONCEPTS A

Grade Level: 11-12
Semester Course .5 Credit

Fundamentals introduces the field of IT software development and design. Learners will explore degree and career paths, IT tools and processes and begin to demonstrate professional communication. Learners will create or modify a simple computer program using an integrated development environment. Programming Concepts A introduces the field of IT software development and design. Learners will explore degree and career paths, IT tools and processes and begin to demonstrate professional communication. Learners will create or modify a simple computer program using an integrated development environment.

Northcentral Technical College, 2 technical college credits

IT DEVELOPMENT & DESIGN PROGRAMMING CONCEPTS B&C

Grade Level: 11-12
Semester Course .5 Credit

Introduces the field of IT software development and design. Learners will explore degree and career paths, IT tools and processes and begin to demonstrate professional communication. Learners will create or modify a simple computer program using an integrated development environment.

Northcentral Technical College, 2 technical college credits

MEDICAL TERMINOLOGY

Grade Level: 11-12
Semester Course .5 credit

Focuses on the component parts of medical terms: prefixes, suffixes, and root words. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. Tuition based course.

Northwood Technical College, 3 technical college credits

THE EXCEPTIONAL CHILD

Prerequisite: Intro To Teaching

Grade Level: 11-12
Semester Course .5 credit

This is a survey course examining the general aspects of students with special needs. Emphasis centers on the historical and legislative issues, definitions, eligibility, criteria and characteristics of exceptional individuals, models of delivery of services, individualized education programs and examples of accommodative techniques in the classroom and home.

More information - <https://prezi.com/v/wqp-cxvaefoq/uwrf-ted-330-intro-to-special-education/>

Designed to meet degree requirements for UWRF education majors.

UW River Falls, 3 university credits

ADVANCED PLACEMENT COURSES

AP courses prepare students for Advanced Placement exams in Calculus AB, English Literature and Composition, U.S. History, and Biology. Additional online courses may also be available. See the guidance counselor for options.

AP exams are optional: students may earn college credit based on AP test scores and the policy of the college they will attend. All exams are offered in May and a fee of approximately \$91.00 is charged for each exam with Clear Lake High School covering some of the cost. Students who are eligible for free or reduced lunch qualify for a fee waiver. Please tell the counselor in March if you think you qualify so the proper paperwork can be completed.

Grades for Advanced Placement courses will be recorded one grade point higher than a regular class. For example, a student earning a "B" in an AP class would earn 4.0 grade points. However, if a student fails an AP class, he or she will not be granted a grade point. AP courses will carry the same credit value as courses that run for the same amount of time.

**START COLLEGE NOW
AND
EARLY COLLEGE CREDIT PROGRAM**

Start College Now is a collaborative program between Clear Lake High School and the Wisconsin Technical College System. The Early College Credit Program (ECCP) is a collaborative program between Clear Lake High School and the University of Wisconsin System. Juniors and Seniors may enroll in college level courses that earn both high school and college/technical school credits if certain requirements are met, including application deadlines the semester prior to enrollment. Application deadline for fall semester is March 1st, for spring semester the deadline is October 1st. School records and space availability are considerations, as well as approval by the local Board of Education is needed. See the guidance counselor for additional information.