

2016-2017 Rib Lake High School Scheduling Guide



No person may be denied admission to the School District of Rib Lake or be denied participation in, be denied the benefits of or be discriminated against in any curricular, extracurricular, pupil services, recreational or other program or activity because of the person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital, or parental status, sexual orientation or physical, mental, emotional or learning disability.

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Mission Statement

The Rib Lake School District will increase student engagement, achievement, and career and college readiness by being responsive to individual student needs through effective collaboration and instructional practices using technology integration, the Common Core State Standards and focused accountability systems.

What's New for 2016

Coursework

Thinking Critically and Creatively
Natural Resources
Business Management

Technology Education

Courses have new names and a slight focus shift.

New Offering

Intro to Construction Management
Carpentry
Cabinetry Making and Millwork
Residential Construction
Power Mechanics

Former RLHS Name

Intro to Woods
Advanced Woods
Wood Techniques
Building Construction
Small Engines

Metals I, II, and III and Projects will remain the same.

Independent Learning

The RLHS Independent Learning Academy has been expanded to include a select group of Sophomores. Eligibility guidelines are listed on page 12.

Graduation Requirements

The following are the graduation requirements for Rib Lake High School:

Subject Area

English	4.0 credits
Mathematics	3.0 credits
Science	3.0 credits
(Including Physical Science and Biology)	
Social Studies	3.0 credits
(Including Civics, US History, and Social Problems)	
Health Education	0.5 credit
Career and Technical Education	1.0 credit
Fine Arts	1.0 credit
Physical Education	2.0 credits
Financial Literacy	0.5 credit
<u>Elective Courses</u>	<u>8.0 credits</u>
Total Credits	26.0 credits

FOUR-YEAR PLANNING CHART

COURSES	FRESHMEN	SOPHOMORE	JUNIOR	SENIOR
English (4 Credits)	English 9	English 10	PS English 11/Employment	PS Written Comm/ English 12
	English 9	English 10	English 11/ Novels	PS Lit 12/Novels
Math (3 Credits)	*	*	*	
	*	*	*	
Science (3 Credits)	Physical Science I	Biology I	*	
	Physical Science II	Biology II	*	
Social Studies (3 Credits)	Civics	*	US History I/AP History I	Soc. Problems I
			US History II/AP History II	Soc. Problems II
PE (2 Credits)	PE 9	PE 10	PE 11	PE 12
Health		Health		
Your Money				
Elective				
Elective				
Elective				
Elective				
Elective				
Totals:	7-8 Credits	7-8 Credits	7-8 Credits	7-8 Credits

EACH BOX IS EQUAL TO ½ CREDIT FOR A TOTAL OF 7-8 CREDITS EACH YEAR

*(A course in the subject area listed is required, but the specific course is selected by the student.)

POST SECONDARY PLANNING: COLLEGE & CAREER READINESS

Rib Lake High School uses a variety of academic tests and interest inventories to assist students in making post-secondary plans. The following information briefly explains these different assessments and how they link students to possible future careers.

Wisconsin Career Assessment and WISCareers

This 180 question interest inventory is administered to all students in grades 9th-11th through their WISCareers account. Students answer questions by indicating whether or not they LIKE, DISLIKE, or are UNSURE about performing particular work activities. Upon completion, students are given a 3 letter code (RIASEC) indicating their top three areas of interest. This code is then matched to their top three Career Clusters which give them information about numerous careers that might be of interest to them.

In addition to the Wisconsin Career Assessment, there are numerous other interest and aptitude inventories students can take through their WISCareers accounts. Students are encouraged to access their accounts on their own time to make the most of this resource available to them. If a student forgets his or her log-in ID or password, he or she can ask the school counselor at any time to look it up.

ASVAB Career Exploration Program

This is a 2 hour examination that is given out to juniors that provides tools to help students learn more about career exploration and planning, in both the civilian and military worlds of work. This exam focuses on eight different areas, General Science, Arithmetic Reasoning, Word Knowledge, Paragraph Comprehension, Mathematics Knowledge, Electronics Information, Auto and Shop Knowledge, and Mechanical Comprehension. Once the test scores come back, each student is given a score sheet that consists of a username and password. With this information, the students can access the ASVAB Career website and get access to different interest inventories and quick guide for colleges and careers.

ACT ASPIRE

This test is geared towards 9th and 10th graders and focuses on the areas of English, Math, Reading, and Science. ACT Aspire will include summative assessments that measure how much students have learned over time. These assessments will allow students to see where their current knowledge is within the areas of English, Math, Reading, and Science and how they can improve in those areas to make themselves college ready. The ACT Aspire results also give students an idea of what they could receive on the ACT test.

ACT Testing and ACT Work Keys

Starting with the 2014-15 school year, the ACT Exam was given to all students in grade 11 as part of an ACT assessment package. The ACT measures math, English, science, and reading proficiency levels. The ACT WorkKeys helps ensure that individuals are ready for career success by assessing workplace readiness skills. Students who take the WorkKeys Assessment will gain a better understanding of the skill levels required for careers they are considering.

UW SYSTEM COLLEGE PREPARATORY COURSE REQUIREMENTS

The range of courses offered at today’s high schools is designed to prepare students with differing interests and abilities for a variety of life-after-high-school options.

“College prep” courses are particularly important for providing the academic background needed to succeed at a college or university. A college preparatory program helps develop competence in four primary areas – English, Mathematics, Social Studies, and Natural Science.

All UW System campuses require new freshmen to have completed a minimum of 17 high school credits. Thirteen of these credits must be “core college preparatory” (English, Math, Science, and Social Studies); an additional four electives are required.

Subject	Credits
English	4 credits
Mathematics	3 credits
Natural Science	3 credits
Social Science	3 credits

In addition to the “core college preparatory” credits identified, students need to complete a minimum of four electives as follows:

Subject	Credits
Electives	An additional 4 credits may be chosen from english, mathematics, natural science, social science/history, foreign language, fine arts, computer science, and other academic areas. (Two years of a single foreign language are required for admission to UW-Eau Claire and UW-Madison, and strongly recommended at other UW System campuses.) Some UW System campuses may also accept technical and career courses for a portion of these 4 elective credits.

All students are encouraged to exceed the minimum number of college preparatory credits required for admission. Students who choose a rigorous high school curriculum (including senior year course work) are more successful in college. Strong academic preparation for college helps to ensure success.

Though all UW System campuses require a minimum of 17 college preparatory credits, Campus-Specific College Preparatory Course Requirements provides more detailed information by campus.

Please visit the UW Help Home Page at www.uwhelp.wisconsin.edu and follow this link to access the campus-specific requirements:

- Admission Tab (top of screen, left side)
- Freshmen
- College Preparatory Course Require
- Campus-Specific College Preparatory Course Requirements (bottom of page)

Source: <http://uwhelp.wisconsin.edu/admissions/freshman/collegeprep.aspx>

Dual Credit Coursework

Dual credit classes allow students to take college level courses while enrolled in high school. The college level curriculum is taught by Rib Lake faculty, which allows students to earn both high school and technical college credit at no cost to the student. Students enrolled in transcribed credit courses must follow both RLHS and Northcentral Technical College requirements.

RLHS Course Title	College Course Title	College Credits
IT Essentials I and II	IT Essentials	3
College Calculus	Calculus	4
Personal Finance (Your Money)	Consumer Economics	1
Web Design I & II	Web Design	3
Accounting	Accounting 1	4
Business Management	Intro to Business	3
Metals I and II	Introduction to Welding	2
Medical Terminology	Medical Terminology	3
Anatomy	Body Systems	3
Written Communications	Applied Written Communications	3
Oral and Intrapersonal Communications	Oral and Intrapersonal Communications	3
College Algebra	College Algebra with Applications	3
Pre-Calculus	Trigonometry with Applications	3
Psychology III	Intro to Psychology	3
Thinking Critically and Creatively	Thinking Critically and Creatively	3
Cabinetry and Millwork Fundamentals	Furniture Making	3

Advanced Placement Coursework

Advanced Placement students can earn up to 6 college credits for each AP exam passed. Students take advanced curriculum at Rib Lake High School throughout the year before taking the Advanced Placement exam in the curriculum area in May. Students who receive a score of 3, 4, or 5 receive credits offered by the post-secondary school that they will attend. Currently Advanced Placement Courses are offered in United States History and Calculus.

Enrichment Options

Youth Options is a program in which 11th or 12th grade students may opt to attend a Wisconsin institution of higher education for the purpose of taking one or more courses offered by that institution, with that course applying towards graduation.

For more information on the Youth Options program, please contact the Guidance Office. If interested in participation in the Youth Options program, you must file an application with the Rib Lake School Board by these dates:

- October 1: Deadline to file for Youth Options for 2nd semester of the current school year.
- February 1: Deadline to file for Youth Options for the following summer.
- March 1: Deadline to file for Youth Options for 1st semester of the next school year.

Please note: If a student receives a failing grade in a course or fails to complete a course for which a school board has made payment, the student's parent or guardian (or the student if he or she is an adult) is required to reimburse the school district the amount paid on the student's behalf {118.55 (7t)©, Wis. Stats.}

VISUAL ART

Art Fundamentals 2-D (1/2 credit)

Prerequisite: None

Description: This is a general introduction to a variety of 2-dimensional media and methods. It provides a foundation for future art classes and enables a person to develop an interest in, and appreciation for, drawing and painting. The students will learn how to draw and improve these skills.

Art Fundamentals 3-D (1/2 credit)

Prerequisite: None

Description: This is a general introduction to a variety of 3-dimensional media and methods. Students will work with clay, creating a variety of projects. They will also work with other media in relation to the creation of sculptures.

Art Design – Elements (1/2 credit)

Prerequisite: Art Fundamentals 2-D or Art Fundamentals 3-D

Description: This class provides an understanding of composition and methods in designing a work of art emphasizing the elements of art. The class is designed to present a problem and solution approach to working with the media.

Art Design – Principles (1/2 credit)

Prerequisite: Art Fundamentals 2-D or Art Fundamentals 3-D

Description: This class provides an understanding of composition and methods in designing a work of art emphasizing the principles of organization. The class is designed to present a problem and solution approach to working with these principles.

Drawing II (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: Students will improve their drawing skills through the use of charcoal, colored pencils, chalk, ink, and conte crayon. They will study drawing as it relates to art history.

Painting II (1/2 credit)

Prerequisite: Art Design - Elements AND Art Design - Principles

Description: Students will work in watercolor acrylic and oil painting. They will study painting and learn the various historical art movements associated with painting.

Ceramics and Sculpture II (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: Students will learn about, and create, ceramics and sculptures as related to various art historical periods.

Printmaking II (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: Students will advance their skills in silkscreen, relief, and intaglio printmaking with a study of how it relates to art history.

Advertising and Design (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: This course will focus on the basic design and layout of advertising materials. It will include the preparation of artwork for publication with an emphasis on newspaper and magazine ads.

Advanced Drawing (1/2 credit)

Prerequisite: Drawing II

Description: Students will study advanced drawing techniques. Emphasis is on creativity, originality, and the completion of a drawing portfolio.

Advanced Painting (1/2 credit)

Prerequisite: Painting II

Description: Students will study advanced painting techniques and styles. This class should lead to the development of their personal style. Emphasis will be on creativity, originality, and the completion of a painting portfolio.

Advanced Ceramics and Sculpture (1/2 credit)

Prerequisite: Ceramics and Sculpture II

Description: Students will study advanced ceramics and sculpture. Emphasis will be on creativity and originality.

Advanced Printmaking and Sign Painting (1/2 credit)

Prerequisite: Printmaking II

Description: Students will study advanced printmaking techniques. They will also create and paint sign jobs as received. Emphasis is on creativity and originality.

Woodcarving (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The students will learn the basic techniques of, and create projects relating to, this area. For more individual information, see the high school art instructor.

Jewelry and Enameling (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The student will learn the basic techniques of, and create projects relating to, this area. For more information, see the high school art instructor.

Air Brush Painting (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The student will learn the basic techniques of, and create projects relating to, this area.

Cartoon Drawing (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The student will learn the basic techniques of, and create projects relating to, this area.

Portrait Drawing & Painting (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The student will learn the basic techniques of, and create projects relating to, this area.

Wildlife Drawing & Painting (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The student will learn the basic techniques of, and create projects relating to, this area.

Sports Art (1/2 credit)

Prerequisite: Art Design – Elements AND Art Design – Principles

Description: The student will learn the basic techniques of, and create projects relating to, this area.

BUSINESS & INFORMATION TECHNOLOGY EDUCATION**IT Essentials: PC Hardware and Software Level 1 (1/2 credit)**

Grades 11 & 12

Course may be taken for Dual College Credit.

Description: The IT Essentials curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level information and communication technology (ICT) professionals. The curriculum covers the basics of PC technology, networking, and security, and also provides an introduction to advanced concepts. Students who complete this course will be able to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. Hands-on labs and other interactive tools are incorporated. The course helps students prepare for the Comp TIA A+ certification, which helps students differentiate themselves in the marketplace to advance their careers.

IT Essentials: PC Hardware and Software Level 2 (1/2 credit)

Grades 11 & 12

Course may be taken for Dual College Credit.

Description: Students in the IT Essentials: PC Hardware and Software Level 2 will learn advanced PC operating system structure, features and use. Students explore in greater depth hard drive management, networking and troubleshooting. Hands-on labs and other interactive tools are incorporated. The course also helps students prepare for the Comp TIA A+ certification, which helps students differentiate themselves in the marketplace to advance their careers.

Document Processing (1/2 credit)

Description: Document Processing will develop and reinforce keyboarding and information processing skills using Microsoft Office Word, Excel, Access, Publisher, and PowerPoint. Students will incorporate a variety of formatting techniques; develop proofreading skills; use the mail merge and other advanced software features such as macros, forms, and tables; develop spreadsheets and graphs; learn about database management, and publish programs and posters for school and local events; and PowerPoint presentations. This course should be taken as early as possible in the four-year program for maximum benefit.

Accounting I (1 credit)

Prerequisite: C average in math courses and sophomore standing (or higher)

Course may be taken for Dual College Credit.

Description: Accounting is a practical course for any student who wants to know how businesses handle their money. A variety of accounting software applications common in business today are introduced. We learn how to make good business decisions based on accounting information. We cover accounting fundamentals for small and medium size businesses. A business practice set is also included so students can apply what they have learned throughout the course in a realistic setting. This course is important to any student who plans to work or study in a business related field such as: business administration or management, business ownership, accounting, bookkeeping, or office technology.

Accounting II (1 credit)

Prerequisite: Accounting I

Description: Accounting II is a continuation of Accounting I with a greater emphasis on computerized accounting practices. This would include more in-depth use of our accounting software package as well as designing and using EXCEL spreadsheets for journals, worksheets, and financial statements. The accounting cycle for large businesses and corporations would be covered, as well as accounting analysis of more advanced business transactions involving special accounts not covered in Accounting.

Your Money Matters (Consumer Economics/Personal Finance) (1/2 credit)

Grades 11 & 12

Course may be taken for Dual College Credit.

Description: This course provides students with an understanding of the concepts and principles involved in managing one's personal finances. Students will be introduced to a variety of personal financial management topics including the following: personal finance basics; money management strategies; tax strategies; financial services; consumer credit and choosing credit sources; housing and real estate; property insurance; health, disability, and long-term care insurance; life insurance; investing fundamentals, stocks, bonds, and mutual funds; retirement planning; and estate planning. Students will incorporate personal and business math concepts they can apply in their own lives.

Business Management (1/2 Credit)

Grades 11 & 12

Course may be taken for Dual College Credit.

Business is a part of everyone's daily life – as employees, consumers and owners. In this course, you will explore the environment, human side and functional approach to business. Learning Plan objectives include the following: 1) Explore the definition and evolution of business and entrepreneurship; 2) Analyze the global, ethical and legal environment of business; 3) Examine the human side of business; 4) Examine the functional approach to business of information technology, e-commerce and marketing; and 5) Examine operations management, human resource management and finance.

Entrepreneurship (1/2 credit) (Not available 2016-2017 School Year.)

Grades: 10-12

Prerequisite: Highly motivated learners wanting a project-based experience.

Description: Entrepreneurship will acquaint students with the knowledge and skills necessary to own and operate their own businesses. Course content covers a variety of topics including: economics, marketing principles, human relations, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Working in teams, developing research skills and using project-based learning strategies that incorporate technology, students will research and develop business ventures (some may even start their own businesses!?. During the first semester course students will develop a business plan and “sell” to potential investors (judges). Students wanting to continue developing their business plans may do so during second semester and potentially see it become a real business. Students may want to enter their business plans in regional/state competition(s).

Publications I (1/2 credit)

Prerequisites: Document Processing and C or better average in English courses

Description: The class will be devoted to the production of the Chequamegon yearbook. We will develop a theme, design the cover, and create page layouts. Layouts are created on the computer using online yearbook software. Digital photography is used. Pictures for each page are selected and appropriate copy is written. This class can also be repeated for additional credit in future years. Students who are interested in communications, graphic arts, layout and design, desktop publishing, or printing would find this class fun and useful. Students will also produce other school-related publications as needs arise and as time permits. This course satisfies the graduation requirement for Technology.

Publications II (1/2 credit)

Prerequisite: Publications I

Description: Students focus on all elements of planning and production of the yearbook. Class includes designing yearbook pages, managing the ad campaign, contacting advertisers, maintaining advertiser accounts, designing ads, using and enhancing digital images, using scanner software, desktop publishing, PhotoShop, coordinating yearbook events, such as the sales staff meeting, photo days, team pictures, etc. Students will also produce other school-related publications as needs arise and as time permits.

Publications III (1/2 credit)

Prerequisite: Publications I and II

Description: Students focus on all elements of planning and production of the yearbook. Class includes designing yearbook pages, managing the ad campaign, contacting advertisers, maintaining advertiser accounts, designing ads, using and enhancing digital images, using scanner software, desktop publishing, PhotoShop, coordinating yearbook events, such as the sales staff meeting, photo days, team pictures, etc. Students will also produce other school-related publications as needs arise and as time permits.

Digital Media (1/2 credit)

Grades 10-12

Prerequisite: Proficient in MS Word, Excel, Publisher & PowerPoint

Description: This course incorporates advanced digital media topics using MS Word, Excel, Publisher, PowerPoint, as well as other presentation software. In addition, students will develop skills in digital photography, photo-editing, and manipulate images to create animations, movies and other digital media, using software packages such as PhotoShop, MovieMaker, and other Web2.0 digital tools.

Video Game Development/Programming (1/2 credit)

Grades 11 & 12

Description: This course introduces students to the Video Game Industry, from its history to projections for the future not only for entertainment, but as a valuable learning tool for educational institutions as well as for business training simulations. Students will explore various aspects of video game businesses, plan and develop a video game project, as well as promote their finished product (game). Students develop problem-solving, interpersonal communications, entrepreneurship and teamwork – skills employers desire.

Web Design Level 1 (1/2 credit)

Grades 10-12

Description: This web design application course will teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages – HTML and CSS – to develop and maintain a web page. Students will also be introduced to a variety of web-based web creation sites that are free, such as Code Avengers, etc.

Web Design Level 2 (1/2 credit)

Prerequisite: Web Design Level 1

Course may be taken for Dual College Credit.

Description: In this advanced web design course students will apply their knowledge and skills to create their own portfolio web site implementing site planning, page layout, graphic design, and the use of markup languages – HTML and CSS. This course will also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics will include the use of forms and scripts for database access, transfer methods, and networking fundamentals. Students will also be introduced to a variety of web-based web creation sites that are free, such as Code Avengers, Codecademy, Google Sites, etc.

Web 2.0 Tools (1/2 credit)

Description: Students will explore free web tools that are available on the internet to complete a variety of projects. Projects will be based on Web 2.0 tools as well as other free software that is available for download on any computer. Projects will include creating wikis, podcasts, vodcasts, cartoons, interactive posters, infographics, photo and movie editing (and more) using web-based software.

Independent Educational Options

On-line and coursework options are offered via online curriculum with minimal academic support. Therefore, these classes have requirements which help ensure student success. Students interested in taking part in independent online learning must be highly motivated learners who have an interest in acquiring new knowledge in a self-paced learning environment. Enrollment is limited to 1 class per semester for students in grade 10 and 2 classes per semester for students in grades 11 and 12. Independent learning requests must align with a student's academic and career goals to receive consideration.

Agribusiness Systems

Animal Systems

Engineering and Design

Engineering and Innovation

Sciences

Engineering and Product Development

Principles of Technology and Engineering

Science and Mathematics in the Real World

STEM and Problem Solving

Music Theory

Music Appreciation

Technology and Research

Introduction to Hospitality & Tourism System

Introduction to Careers in the Health

Scientific Discovery and Development

Business Law

Introduction to Human Services

Foreign Language

Other courses requested by the student

Requirements for Grade 10 (Students must meet at least 3 of the criteria below).

- Student class rank must be in top 15% of class.
- Standardized test scores must be in top 15% in Reading, English, or Math.
- Students must be determined to be college ready in at least 3 of the 4 College Readiness areas on the ACT Aspire testing.
- Offering must fit into student's Academic and Career Plans.

Requirements for Grades 11 and 12 (Students must have at least 3 criteria listed below).

- Students must have a 3.0 GPA.
- Completed all RLHS curriculum offerings in the subject area.
- Be identified as being College Ready in 3 of 4 ACT Aspire or ACT.
- Pupil Service Team recommendation.
- GPA of 3.25 in last 2 semesters.
- Be participating in course options.
- Offering must fit into student's Academic and Career Plans.

To maintain eligibility for future semesters of independent learning, student will be required to maintain at least C average and complete 100% of the required curriculum in independent learning courses.

English 9 (1 credit)

Prerequisite: None

Description: This class covers the areas of grammar, literature, speech communication, and writing. Grammar includes parts of speech, sentence structure, and usage. Literature units include short stories, drama, poetry, and “classics” such as “Romeo and Juliet”. Speech communication includes various formal and informal speaking situations, and writing is integrated into three areas of study.

English 10 (1 credit)

Prerequisite: Pass at least one semester of English 9

Description: This class deals with the same areas of study as English 9, but in more detail. Literature includes different selections in the same genres, such as “Julius Caesar”. Composition becomes an increasingly important area of study.

General English 11 (1 credit)

Description: During first semester, General English 11 focuses on reading and responding to narrative texts, Shakespeare-tragedy, texts with themes that transcend time, writing informative and explanatory essays, reading/responding to informational texts, inquiry into contemporary issues. During second semester we focus on reading and responding to contemporary issues in literature, connecting those contemporary issues to the Constitution, reading and writing fictionalized memoirs/biographies. The focus throughout the year will be on creating collaborative and self-directed learners who will read, respond, and create to foster a deeper understanding and analysis in their reading, listening, and writing skills.

General English 12 (1 credit)

Description: During first semester, General English 12 focuses on reading and responding to narrative texts, Shakespeare-comedy, texts with themes that transcend time, writing informative and explanatory essays, reading/responding to informational texts, inquiry into contemporary issues. During second semester we focus on reading and responding to timeless topics in literature, connecting those timeless topics to the Constitution, reading and writing science fiction. The focus throughout the year will be on creating collaborative and self-directed learners who will read, respond, and create to foster a deeper understanding and analysis in their reading, listening, and writing skills.

Post Secondary English 11 (1 credit)

Prerequisite: “B” average or better in English 10. Also available through approval of instructor.

Description: During first semester, P.S. English 11 is a survey course of American Literature including its historical periods, authors and literary forms. The focus is on familiarizing students with classic American writers. Students will read writings from historical eras of American History. Students will learn and practice techniques used in reading difficult text. Students will learn to analyze the varied formats and structures used by authors. The emphasis during second semester is on composition including usage, review, paragraph and theme development, and research skills culminating in varied styles of research papers. Formal writing skills are introduced in an expository paper as well as a persuasive paper.

Post Secondary English 12 (1 credit)

Prerequisite: “B” or better in P.S. English 11. Also available through approval of instructor.

Description: During first semester, P.S. English 12 is a survey course of British literature including its historical periods, authors, and literary forms. The focus is on familiarizing students with classic British writers. Students will read writings from historical eras of England’s history. Students will learn and practice techniques used in reading difficult text. Students will learn to analyze the varied formats and structures used by authors. The emphasis during second semester is on composition including usage, review, paragraph and theme development, and research skills culminating in varied styles of research papers. Formal writing skills are also introduced in a variety of other papers including argumentative, expository, persuasive, informative, and narrative.

Written Communication (1/2 Credit)

NTC Course Number: 10-801-195 (3 NTC credits)

Prerequisite: "B" or better in PS English 11. Also available through approval of instructor.

Description: This class develops the writing process including prewriting, drafting, revising, and editing. A variety of business writing assignments are designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. The course also develops critical reading and thinking skills through the analysis of a variety of written documents.

Oral and Interpersonal Communications (1/2 Credit)

NTC Course Number: 10-801-196 (3 NTC credits)

Prerequisite: "B" or better in PS English 11 and Written Communication. Also available through approval of instructor.

Description: This class focuses upon developing speaking and listening skills and verbal and nonverbal communication through individual and group presentations, small group activities, and other projects.

Creative Writing (1/2 credit)

Prerequisite: Must have passed all other English courses.

Description: Techniques in writing will focus on freewriting, brainstorming, clustering, listing, and free association. Students will read various examples of creative writing and write poetry, short stories, a one-act play, fairy tales and essays.

Reading Unlimited (1/2 credit)

Prerequisite: Juniors and Seniors

Description: In this semester long course, students will make a collective decision of what books to read based on availability. We will try to cover "the classics". It will be tailored to students' tastes and interests. Reading level will be rigorous. The target student for the class is the avid reader; students will enjoy these readings.

FAMILY AND CONSUMER SCIENCES

Foods and Nutrition (1/2 credit)

Prerequisite: None

Description: This course is an introduction to basic cooking terms, skills and basic meal planning and preparation. A major emphasis is placed on good nutrition and following food/nutrition guides, such as the My Plate Guide and Dietary Guidelines for Americans. Many basic cooking labs are built into the course.

Family Foods (1/2 credit)

Prerequisite: None

Description: This class reviews basic food terms and skills with a major emphasis on meal planning and preparation. Food preservation, budgeting for meals, and quantity food production are other topics discussed.

Creative Textiles (1/2 credit)

Description: Participants in this course review basic sewing skills and construction techniques. Participants are given choices for various independent projects. The course covers topics of textiles components, pattern alterations, fabric identification, study of design, color, and careers today involving textiles and fashion.

Child Development Birth to Preschool (1/2 credit)

Prerequisite: Sophomore, Junior or Senior Standing

Description: Child Development covers the physical, motor, intellectual, social, and emotional development from prenatal to school age children. Parenthood responsibilities and skills as well as working with and teaching young children is another major emphasis. This course provides practical information for anyone interested in understanding and caring for young children as a parent or as a child care provider. Various child care labs are part of this course for application of the basic context involved.

Child Development – School Age Child (1/2 credit)

Prerequisite: Sophomore, Junior or Senior Standing

Description: The course covers the physical, intellectual, social, and emotional development of the kindergarten to third grade student. Students will develop and assess age appropriate learning activities such as books and games. Special emphasis is placed on working with students with disabilities and also handling emergency/first aid procedures. Students will also focus on parenting and teaching with a practical experience at the local elementary school.

Post-Secondary Life Skills (1/2 credit)

Description: This course is designed to empower students to take action for the well being of themselves and others in the family, workplace, and community. Topics include career development, development of management skills that include management of time and resources, finances, wellness and nutrition, and relationships. The focus is on what students need to know and be able to do to manage themselves, their work, and family responsibilities within the first five years after high school. Skills in decision making, problem solving, critical thinking, interpersonal relationships, technology, workplace readiness, and communication are reinforced in this course. Various leadership activities are included in this course to encourage independent thought and actions.

Career Exploration (1/2 credit)

Prerequisite: None.

Description: This course is designed to enable students to explore careers, help them make satisfying career decisions and provide them with basic skills needed in getting, and keeping, a job. A major emphasis of the course is building a student portfolio, which is a collection of career related items such as career investigation reports, the resume, cover letter, interview information, basic application form, and a career plan.

FOREIGN LANGUAGE

Spanish I (1 credit)

Prerequisite: "C" or above in Middle School Spanish or Instructor Consent

Description: A yearlong study of the Spanish language whereby students will learn the basics of this language through reading, writing, listening, and speaking. Students will learn about the culture and history of Spanish-speaking countries. Study Spanish and enjoy the benefits of knowing a foreign language: the ability to talk with an increasing Spanish-speaking population, help getting a job, earn credit toward college (including retroactive college credits), and even understand English better.

Spanish II (1 credit)

Prerequisite: Spanish I with a C average or better; sophomore or above; or consent of instructor

Description: A yearlong study of the Spanish language with emphasis on speaking and use of correct grammar and vocabulary. Earlier work is quickly reviewed so we can continue our exploration of new lands and people. Student travel to a Spanish-speaking country is an option for students who have completed Spanish II or higher. Trip cost is student responsibility, and may count for high school credit.

Spanish III (1 credit)

Prerequisite: Spanish II with C or better; junior or above; or consent of instructor

Description: This yearlong course will place emphasis on speaking and listening comprehension. It includes further study of the Hispanic people and customs, including Spanish literature, art, and history. Student travel to a Spanish-speaking country is an option for students who have completed Spanish II or higher. Trip cost is student responsibility, and may count for high school credit.

Spanish IV (1 credit)

Prerequisite: Spanish III with a C or better; Senior; or consent of instructor

Description: This class offers an intensive study of the Spanish language using advanced grammar. Students will further their proficiency by reading novels, writing, listening, and speaking. The year will help prepare students for college placement exams. Student travel to a Spanish-speaking country is an option for students who have completed Spanish II or higher. Trip cost is student responsibility, and may count for high school credit.

HEALTH EDUCATION

Health (1/2 credit)

Prerequisite: Sophomore Standing

Description: Health Education covers a variety of topics, which will aid the student in making responsible decisions concerning modern day problems. Topics range from mental health and nutrition to physical fitness and substance abuse. Challenging topics include sex education, AIDS, and stress management.

MATHEMATICS**Algebra (1 credit)**

Prerequisite: Successful completion of Math 8

Description: In Algebra 1 we break the year into two broad topics of study, linear and higher order polynomial relationships. First semester is spent studying linear concepts including real numbers and their properties, variables, writing linear equations/inequalities, solving and graphing linear equations/inequalities, and systems of linear equations/inequalities. Second semester is devoted to the study of higher order polynomial concepts including exponents and their properties, roots and their properties, quadratics, exponential functions, factoring, and solving polynomial equations. (Required for UW system.)

Geometry: (1 Credit)

Prerequisite: Successful completion of Algebra 1.

Description: In Geometry, the first semester is devoted to studying topics such as points, lines, planes, and angles. Reasoning and proof are also a large portion of our first semester of study. Second semester involves the study of relationships between angles, triangles, other polygons, and circles. Basic trigonometry, as well as area and volume are also covered during second semester. (Required for UW system.)

Advanced Algebra (1 credit)

Prerequisite: Successful completion of Algebra 1 and/or Geometry. May be taken prior to, or in conjunction with Geometry with the approval of the Algebra and Geometry instructors.

Description: In Advanced Algebra we continue our study of many of the concepts covered in Algebra 1. First semester consists of both review and more in-depth study of many of the linear and quadratic concepts from Algebra 1. Second semester is devoted to the study of exponential and logarithmic functions, rational functions, conic sections, trigonometry, sequences and series, and probability. (Required for UW system.)

College Algebra (3 credits through NTC)

Prerequisite: Successful completion of Algebra 1 and/or Geometry with a grade of C or better, and/or instructor approval/recommendation. This is a college level course, and it is designed to meet the requirements for earning credit in College Algebra at Northcentral Technical College. A grade of C or better is required in order to qualify for NTC credit. Students will also earn a math credit at Rib Lake High School upon successful completion of this course.

Description: In the College Algebra course, all of the material from the Advanced Algebra course at Rib Lake High School will be covered, however, it will be covered at an accelerated pace. This will allow for additional topics, such as matrices, to be covered, in addition to allowing students to take NTC's final exam prior to the end of the school year.

Pre-Calculus/NTC Trigonometry (3 credits through NTC)

Prerequisite: Successful completion of Advanced Algebra and/or instructor approval.

Description: In Pre-Calculus we try to thoroughly review many of the concepts covered in all previous high school math classes. In addition, these concepts are expounded upon in an effort to prepare the student for AP Calculus and/or college math courses. This is not a required course, but it is very beneficial for students who are planning to go into a math, science, or related field. Successful completion of the Trigonometry portion of this course will enable students to obtain 3 math credits through NTC.

Calculus (1 credit)

Prerequisites: Algebra I, Advanced Algebra, Geometry and Pre-Calculus with a grade of B or better.

Description: Calculus is the terminal course offered for the college bound student. The course offers the following topics: Functions, limits, derivatives, application of derivatives, integration, application of integrals, solving differential equations and integration involving partial fractions and substitutions. Students must have a TI-84 Plus graphing calculator.

Math Graduation Requirement Alternative Pathway

1. If a student without an IEP does not pass Advanced Algebra or College Algebra by the end of his or her junior year, the parents and student will meet with the math advisory council (HS counselor, principal, main teachers) to develop a plan.
2. Criteria the council will review in planning for the following school year will be:
 - % of work completion in current math class(es)
 - Assessment scores in current math class(es)
 - Standardized test score (MAP, ACT, ACT Aspire)
 - Prior interventions (enrichment assistance, math support service)
 - Attendance of student
 - Class participation in the program
3. Recommendation will be made by the council as to course of action for student to obtain 3rd credit (i.e. return to/retake Algebra II or pursue alternate math options relative to student's post-secondary goals and academic abilities)
4. Parent/student/principal signatures approving the plan must be obtained to alter the prescribed pathway.

MUSIC

Choir (1/2 credit or 1 credit)

Prerequisite: None

Description: The high school choral music program further expands the study of music through vocal performance. A wide variety of music is sung, spanning many musical eras and genres, to give students a complete musical experience. This class concentrates on the fundamentals of music including proper vocal techniques, ear training, and other elements necessary for good vocal performance. Attention is given to both singing in groups and the individual singer. Attendance at all concerts and performances is a requirement for this class. This includes: Holiday Concert, Solo and Ensemble Festival, Choir Festival, and the Spring Choral Concert. It is encouraged that students take Choir for the entire year, but Choir may also be taken for a semester.

Show Choir (1/2 credit per year)

Prerequisite: Audition

Description: Show choir will only be offered as a full year half credit course. Show choir is open by audition to all high school students. The requirements will be attendance at rehearsals Thursday mornings at 7:15 a.m., performance at all choral concerts and contests, and a weekly 10-15 minute lesson. Students will learn proper vocal technique, ear training, and other fundamentals of singing through a variety of pop, Broadway, and jazz style music. Students will also learn basic dance steps and movements to accompany their singing. The student's grade will be based on attendance, participation, lessons, and cooperation within the group. A student taking show choir must follow the minimum requirements during the regular school day (i.e. a student may not take an extra study hall during the day because of the extra show choir credit.) Taking high school choir is also strongly recommended. The credit offering is to benefit the entire show choir by stressing attendance, making each rehearsal the most valuable, and by showing on the student transcript that they have participated in show choir.

Band (1 credit)

Prerequisite: Instructor's permission

Description: In band, students will be introduced to, and will study, many different styles of music. They will be encouraged to explore the creative and historical aspects of this music. Band is also designed to reinforce cooperation, responsibility, and dedication to a group. All band students are required to attend all performances (including concerts and parades) and will also have opportunities to perform in pep band, solo-ensemble contest, and in the jazz band and polka band.

Jazz Ensemble (1/2 credit per year)

Prerequisite: Audition and/or director's permission

Description: Jazz band will be offered only as a full year, half credit course. The requirements will be attendance at rehearsals on Tuesday mornings at 7:15 a.m. and all concerts and contests. Students will learn to improvise and will also play many jazz standards. The student's grade will be based on attendance, preparation, class participation and cooperation in the ensemble. A student taking Jazz Band is still expected to follow the minimum requirements during the regular school day (i.e. a student may not take an extra study hall during the day because of the extra jazz band credit), and be enrolled in band for the year. (Except for special circumstances due to instrumental needs.) The credit offering is to benefit the entire band by stressing attendance, making rehearsals a more valuable time, and by showing on their transcript that they have participated in Jazz Band.

PHYSICAL EDUCATION

Physical Education 9-10 (1/2 credit)

Prerequisite: Required for Freshmen and Sophomores

Description: Physical Education combines a variety of physical skills stressing coordination, balance, agility, endurance, and strength. The class will also focus on building social skills including teamwork, cooperation, attitude, and discipline. Freshman and Sophomore classes will stress fundamental skill work. Students will learn a variety of skills necessary to be physically active inside and outside of school.

Physical Education 11-12 (1/2 credit)

Prerequisite: Required for Juniors and Seniors

Description: Physical Education combines a variety of physical skills stressing coordination, balance, agility, endurance, and strength. The class will also focus on building social skills including teamwork, cooperation, attitude, and discipline. Lifetime activities such as Golf, Snowshoeing, Archery and Canoeing will be a focus of the class. Students gain knowledge and learn skills promoting a lifetime of physical activity.

Physical Wellness (1/2 credit)

Prerequisite: Can only be taken in the semester opposite student's physical education class.

Description: This is an elective class open to all students, freshmen through seniors. It will not be taken in place of Phy Ed 9-10 or Phy Ed 11-12. This class will involve specific workouts in the gym and weight room, as well as class and Fitness Room work. Individual wellness programs will be set up for each student. These programs will monitor daily activities including workouts, calorie/fat intake, and weight control. The emphasis will be on achieving the goals set by the individual with assistance of the teacher. A priority of living a healthy lifestyle and improving self-esteem will be at the core of this class. Students must be motivated to improve themselves physically.

Wellness 2 (1/2 credit)

Prerequisite: Can only be taken at any time. (Will need principal approval if in the same semester as PE)

Description: This is an elective class open to all students, freshmen through seniors taught by Mr. Krommenacker. It will not be taken in place of Phy Ed 9-10 or Phy Ed 11-12. This class will involve specific workouts in the gym and weight room, with an emphasis on strength training. Throughout the semester, students will be in the weight room working on a specific program based on their goals. Students will monitor progress throughout the semester, document workouts and develop their own programs. Speed and agility training along with team and individual competitions will be interspersed between strength training. The class will focus on what it takes to improve physically, including research and discussion on topics such as recovery, nutrition and the importance of sleep. Motivated students who are committed to their goals will see physical improvements, especially in their strength.

SCIENCE

Anatomy and Physiology (1 credit)

Prerequisite: "B" or better in Biology, "B" or better in Chemistry and/or Instructor's approval

Description: The Body Structure and Function course is a one semester NTC college anatomy course taught in two semesters for high school students. Students will study the individual systems of the human body, participate in labs that involve dissection, and take quizzes provided by NTC. College credit will be awarded to students maintaining a "C" average under the NTC grading scale. This course is excellent preparation for students wishing to enter the health care field.

Biology I (1 credit)

Prerequisite: Required for sophomores

Description: Biology is the study of living organisms and the processes that sustain them. Topics of study include cell structure and function, biochemistry, photosynthesis and cellular respiration, cell division, genetics, ecology, evolution, taxonomy and classification. Students will participate in lab activities that include dissection.

Chemistry I (1 credit)

Prerequisite: Calculator, "B" or better in Algebra and "B" or better in Biology, or Instructor Approval

Description: Chemistry is the study of atomic structure, atomic theory, the periodic table and the properties of matter, chemical composition, and chemical reactions, the properties of acids and bases and nuclear chemistry. Students will participate in laboratory activities. Strong math skills are necessary for this course.

Environmental Studies (1/2 credit)

Prerequisite: Junior standing

Description: Topics of study include ecosystems and communities, population principles, sustainability, biodiversity, succession, carrying capacity, invasive species, and resource management.

Medical Terminology (1/2 credit)

Prerequisite: "B" or better in Algebra and Biology. Students will be required to purchase a lab book for approximately \$70 which they will keep.

NTC Course Number: 10-501-101

Description: This class is very much like an AP course. Students must memorize 50 to 70 medical terms and learn the anatomy for one body system each week of the course. Sixteen body systems are covered. Two tests are given each week, covering anatomy, one covering spelling and word parts. There is also a group project and an individual project required for the class. Students are REQUIRED to buy the consumable text book. Students must complete assignments in the book and in the Hand Out Packet provided by NTC. Grading is done, both using the Rib Lake grading scale, and the NTC grading scale. Students maintaining a grade of "C" or above on the NTC grading scale can earn college credit for the class.

Natural Resources (1/2 credit)

Prerequisite: Junior Standing.

Description: This course will focus on areas of forestry and wildlife management. Topics of study will include dendrology, silviculture, game management, habitat fragmentation, and multiple use concepts.

Physical Science (1 credit)

Prerequisite: Required for Freshmen

Description: Physical Science is an introduction to the study of both Physics and Chemistry. Topics of study include forces and motion, thermal energy, electricity, waves and sound, work and machines, properties of atoms, chemical bonds and chemical reactions. Various lab activities will be a part of this course.

Physics (1 credit)

Prerequisite: "B" or better in Algebra and "B" or better in Geometry or Advanced Algebra

Description: Physics is applied mathematics covering many topics such as motion, forces, work, energy, momentum, collisions, thermodynamics, waves, sound, light, electric forces and fields, electrical energy and current, circuits, magnetism, and electromagnetism. These topics are covered as time allows, therefore, we may not study all of them in a given year. If we do get through all of the topics listed above, and we have extra time, we may also cover atomic and/or subatomic physics.

Note: Physics will be offered as a distance learning offering.

SOCIAL STUDIES

U.S. History I (1/2 credit)

Prerequisite: Required for Juniors

Description: Settling North America to and through the Civil War. Some of the topics to be covered are origins of North America and Native Americans, early wars and the settlement of North America, along with the causes of the Civil War and Reconstruction. The idea and practice of Manifest Destiny and its effects on the country will be covered.

U. S. History II (1/2 credit)

Prerequisite: Required for Juniors

Description: Civil War Reconstruction to the modern times. Topics to be covered are Plains Indian Wars, the United States becoming a world power, World War I and II, and other wars to present day. Politics of the 20th and 21st centuries will be discussed.

Local/Wisconsin History (1/2 credit)

Prerequisite: Sophomore or higher: A keen interest in state and local history

Description: The history of Wisconsin before and after statehood in 1848. This course will also provide an overview of the history of the Rib Lake area. In addition to an overview of the history of the local community, students will also develop local history projects. Students will spend time gathering research from local sources such as old newspapers, family photos, business records, libraries, government agencies, and oral history interview with area residents. Projects will be mutually agreed upon by the student and instructor and are designed to give the students a deeper understanding of some small aspect of our local community's past. This course is offered on an alternating year basis and will be offered during the 2015-16 school years.

Cultural Literacy (1/2 credit)

Prerequisite: Sophomore or higher

Description: Although it is true that no two humans know exactly the same things, they often have a great deal of knowledge in common. To some extent this common knowledge allows people to communicate. Cultural Literacy is an educational concept that came about with writings and research by E.D. Hirsch, Jr., Joseph F. Kett, and James Trefil in the 1980's. The intent in this semester long course is to work with students about "filling in some of their blanks" when it comes to their level of cultural literacy needed to be a competent communicator and savvy consumer and discriminating reader and learner. Units will be broken down to include: History, Folklore and Mythology, Idioms and Proverbs, Conventions of Written English, Fine Arts, Medicine and Health, and Geography.

Social Problems I (Sociology) (1/2 credit)

Description: Social Problems I is a required course for Seniors. Sociology is the study of human interaction. This course deals with the social atmosphere that helps to make us who we are and how we behave.

Topics covered include things such as culture, violence, deviance, social control, socialization and personality, group behavior, social class, and social institutions. A key component of this course is to study ourselves and the society that influences our behavior. An additional component of this course will be to examine major social issues that impact American society. Topics such as poverty, unemployment, homelessness, prejudice, and discrimination, substance abuse issues or personal rights and freedoms may be considered.

Social Problems II (1/2 credit)

Prerequisite: Required for Seniors

Description: The emphasis in this course is on microeconomics, or the study of economic behavior and decision-making by small units within society such as businesses, families, and individuals. Major topics of study include an overview of the three main types of economic systems, American free enterprise, how markets work (supply, demand, and pricing), market structures, business and labor, money, banking and finance, and taxes. Preparing and filing personal income taxes are also covered in this course. Current events and news items are regularly used, where appropriate, to illustrate these concepts in practical real world situations.

Civics (1/2 credit)

Description: Civics is an introductory course in American Government. It is designed to acquaint the student with the functions of our national, state, and local government. Other units covered deal with the structure and function of all three levels of our government with an emphasis on the interrelationship between the various levels.

Advanced Placement United States History (1 credit)

Prerequisite: Junior standing, consent of instructor and guidance counselor

Description: A.P. United States History is a general survey course in U.S. History from the colonial era to the present. Emphasis is placed on providing the student with an advanced study of U.S. History. Primary source documents will be read and analyzed frequently. Secondary source materials, such as the textbook, are of a higher readability level than those used in regular U.S. History. A.P. United States History is designed to be the equivalent of an introductory college-level course in U.S. History. Upon completion of this course, students will have the opportunity to be tested by the College Board and possibly earn advanced standing college credit.

History of Psychology I (1/2 credit)

Prerequisite: Sophomore or higher

Description: This elective course will serve as a brief overview and introduction to the peoples and history of the field of psychology. We will look at where this relatively new science began and who were the pioneers of this science including Wundt, Jung, Freud, Horney, Fromm, Adler, and Skinner to today's newsmakers. We will investigate studies explaining how birth order affects who you are, how do colors change moods and why, "fight or flight" responses to a crisis, controversies surrounding IQ tests, heredity, and other interesting topics. This is a great introductory course for anyone going on to any post-high school education, as a General Psychology course is always a requirement.

History of Psychology II (1/2 credit)

Prerequisite: Junior or higher, History of Psychology I

Description: This class will address topics that time did not permit in History of Psychology I. This may include the following: Memory, Learning, Thinking and Language, Gender Roles, and/or Stress and Health.

Psychology III (1/2 credit)

Prerequisite: Psychology I and II completion at a 3.33 grade point average in psychology courses and instructor approval

Description: The Psychology III class is a college level offering that builds upon the foundation provided in Psychology I and II.

Introduction to Criminal Justice (1/2 credit)

Prerequisites: Grades 10-12.

Description: This course is a study of the history and philosophy of criminal justice in the United States and its ethical considerations. The nature and impact of crime is explored. Additional topics covered include an overview and study of the criminal justice system, law enforcement, the court systems, prosecution and defense, trial processes, and corrections and penal system. An emphasis will be on due process regarding 4th, 5th, and 6th amendment consideration during police investigations, arrest, in pre-trial procedures, and while cases are moving through the justice system.

NTC Think Critically and Creatively (½ credit)

This course provides instruction in the vital, realistic, and practical methods of thinking which are in high demand in all occupations of substance today. Decision making, problem solving, detailed analysis of ideas, troubleshooting, argumentation, persuasion, creativity, setting goals and objectives, and more are considered in depth as the student applies specific thinking strategies and tools to situations in a wide variety of workplace, personal, academic, and cultural situations. Classroom instruction is demonstration, discussion, project and teamwork based. Assignments range from the short and simple to the detailed and complex. Reality and practicality are the focuses all through the course. This course certainly will make you a more adept and confident person.

TECHNICAL EDUCATION

Introduction to Construction/Manufacturing (Intro to Woods) ½ credit

Description: This course deals with the development of skills, techniques and safe use of hand/power tools and equipment. Classification and application of materials and calculation of material costs will be covered. Students will develop skills needed to complete a series of projects and design solutions. Current innovations and careers in construction and manufacturing will be explored.

Rough and Finish Carpentry (Advanced Woods) 1/2 credit

Prerequisite: Intro to Construction/Manufacturing: Sophomore or above.

Description: This course examines the impact carpentry has on the building industry. The trades that are covered include general contracting, drafting, blueprint reading, rough carpentry, finished carpentry, and building inspection. Students will become more familiar with career opportunities, apprenticeship programs and skills required within the construction field through hands on training.

Cabinet Making and Millwork (Wood Techniques) 1/2 credit

Prerequisite: Rough and Finish Carpentry

Description: This course provides the student with the knowledge and skills necessary to plan and complete cabinetry and millwork projects. Students learn to work with shop drawings and specifications. An emphasis on selecting proper materials, best procedures, manufacturing parts to specification and assembling and finishing individual projects will be covered.

Advanced Cabinetmaking and Millwork (Wood Techniques II) 1/2 credit

Prerequisite: Cabinetmaking and Millwork

Description: Students will design and construct projects using skills developed in previous courses. All students taking this course need to have the skills and abilities to work independently and cooperatively with students in classes scheduled at the same time.

Residential Construction and Remodeling (Building Construction) 1 credit

Prerequisite: Intro to Construction/Manufacturing, Junior and Senior standing. Course is limited to 8 students.

Description: This course will examine the many trades in the building and remodeling industry. Planning, design and management of the building process will be covered. Hands on experience with excavation, concrete, framing, siding, roofing, plumbing, heating, electrical and other related building systems will be highlighted. Career research and exploration activities that address current market demand for employment and the need for continuing education.

Power Mechanics (1/2 credit)

Prerequisite: None

Description: Learn the principles of 2 stroke and 4 stroke engines and repair small engines brought in. Trouble shooting and routine maintenance will be covered. Basic automotive repair and maintenance will also be covered.

Welding I (Metals I) 1/2 credit

Prerequisite: Intro to Construction/Manufacturing. Sophomore or above.

Description: Students will develop knowledge and skill in welding technology. The majority of the class is spent producing shielded metal arc welding examples to specification and tolerances. Other processes that are covered include: spot welding, oxygen-fuel cutting and plasma arc cutting.

Welding II (Metals II) (1/2 credit)

Prerequisite: Welding I

Description: Students will develop the manipulative skills to produce weld examples with the gas metal arc process. The course will follow NTC curriculum and students can earn dual credit on successful completion. Other processes that will be covered are: Flux-core wirefeed, Gas Tungsten arc welding, and oxy-fuel and plasma arc cutting processes.

Welding III (Metals III) (1/2 credit)

Prerequisite: Welding II

Description: Gas tungsten arc welding of mild steel, stainless steel, and aluminum will be covered in this class. Topics covered are based on student interest and may include small projects for the individual, school, or community.

Project Based Welding (1/2 credit)

Prerequisite: Metals III

Description: Students will utilize learning in the area of metal fabrication and welding to complete a project based curriculum. Students must be able to work independently and complete a variety of individual, school and community projects.

Work Experience/Youth Apprenticeship Opportunities

Work Experience Program (1 or 2 credits)

Prerequisites: Junior or Senior Standing, In order to have two work experience periods as a Senior, a student must have obtained a 2.0 GPA and no F's during their 2nd semester of their Junior year. Students not meeting this requirement will be limited to a maximum of one period of Work Experience. These requirements will apply to 2nd semester Work Experiences based on 1st semester Senior year grades.

Description: The Supervised Work Experience Program is designed for junior and senior students who plan on entering the world of work immediately after high school. Juniors may enroll for a ½ credit each semester (maximum 1 credit Junior year) and Seniors may enroll up to 2 credits, with no study hall being allowed if 2 periods of work study are being taken. Students must report to the work site during scheduled school hours.

If the work experience is obtained during non-school hours, credit will be determined by the number of hours worked (71 hours of work is equal to ½ credit). The hours must be approved in advance, and must be distributed over the timeframe of the experience contract. Juniors can earn a maximum of ½ credit per semester using non-school time, Seniors can earn a maximum of 1 credit per semester using non-school time. Student must maintain a full schedule of classes at Rib Lake High School under this option.

All contracts must be signed and filled out before the beginning of the semester. A time sheet and journal must be maintained as part of the course requirements. The work experience will be coordinated by the Work Experience Coordinator and within the vocational curriculum of Rib Lake High School. Relative coursework must be taken prior to, or concurrent with, the supervised work experience. All work will be graded on a pass/fail basis. The work site will provide quarterly evaluations.

Note: A student must successfully pass the work experience the previous semester to enroll in a work experience the following semester.

Finance Youth Apprenticeship (2 or 3 credits)

Prerequisites: Junior or Senior Standing

Description: Beginning in your Junior or Senior year, you will spend 10 to 15 hours per week at the work site either outside of school or during the school day. A youth apprenticeship can go for one or two school years. It includes taking related coursework either at the high school or at a technical college. At the work site, you learn and master industry-approved skills. Advantages include pay for your time at the work site, high school and sometimes college credit, excellent career preparation, recognition and certification from the Wisconsin Department of Work Force Development, and you may gain summer or permanent employment. If you sign up for a youth apprenticeship, see Mrs. Rhodes for the application materials.

Health Youth Apprenticeship (2 or 3 credits)

Prerequisites: Junior or Senior Standing

Description: Beginning in your Junior or Senior year you will spend 10 to 15 hours per week at the work site either outside of school or during the school day. A youth apprenticeship can go for one or two school years. It includes taking related coursework either at the high school or a technical college. At the work site, you learn and master industry-approved skills. Advantages include pay for your time at the work site, high school and sometimes college credit, excellent career preparation, recognition and certification from the Wisconsin Department of Work Force Development, and you may gain summer or permanent employment. If you sign up for a youth apprenticeship, see Mrs. Rhodes for the application materials.

Auto Tech or Auto Collision Youth Apprenticeship (2 or 3 credits)

Prerequisites: Junior or Senior Standing

Description: Beginning in your Junior or Senior year you will spend 10 to 15 hours per week at the work site either outside of school or during the school day. A youth apprenticeship can go for one or two school years. It includes taking related coursework either at the high school or a technical college. At the work site, you learn and master industry-approved skills. Advantages include pay for your time at the work site, high school and sometimes college credit, excellent career preparation, recognition and certification from the Wisconsin Department of Work Force Development, and you may gain summer or permanent employment. If you sign up for a youth apprenticeship, see Mrs. Rhodes for the application materials.