

# **RICHLAND CENTER HIGH SCHOOL**

Course Description Guide



***“Building futures***

***one student at a time”***

***2012-13***

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## RC HS School Profile



The Richland School District services 1,465 students. The number of Pre-K children enrolling in our district is increasing which offsets the slight decreasing student population at the high school. The district has three elementary schools, one middle school, high school, and an alternate high school for at risk students. The Richland High School is serving approximately 460 students with 37 teachers, two principals, two school counselors, and an excellent support staff. Richland Center High School has 17% of the students in special education. The student ethnicity is 95% Caucasian, 3% Hispanic, <1% African American, <1% Native American, and <1% Asian. Student Post secondary 2011 graduate plans - 53% attend a 4 year college, 24% attend technical college, 13% to work, and 4% military. The high school is set on a hill, on the western edge of town, which overlooks beautiful pastures. It is conveniently located next door to the University of Wisconsin - Richland Campus. The rural community is refreshingly progressive in education and the arts.

### Credits

23 credits are required for graduation, which must include the following:

English – 4 credits	Social Studies – 3 credits	Science – 2 credits
Math – 2 credits	Physical Education – 1.5 credits	
Health - .5 credit (completed 7 <sup>th</sup> /8 <sup>th</sup> or during High School)		

*GED Option 2 students will graduate with a high school diploma after successful completion of all GED tests regardless of credits earned*

### GPA (Grade Point Averages / Grading Scale)

Richland Center High School grades are unweighted and semester grades determine the cumulative grade point average. Class ranking is provided. Grades percentages are as follows:

A 4.0 (95-100%)	B- 2.67 (85-86%)	D+ 1.33 (75-76%)
A- 3.67 (93-94%)	C+ 2.33 (83-84%)	D 1.0 (72-74%)
B+ 3.33 (91-92%)	C 2.0 (79-82%)	D- 0.67 (70-71%)
B 3.0 (87-90%)	C- 1.67 (77-78%)	F 0.0 (below 70%)

RC HS offers the following advanced programs: Advanced Placement classes, Advanced Standing with Wisconsin Technical Colleges, Distance Education Classes, Project Lead the Way, Transcribed Credit Southwestern Tech. College, Virtual Education Classes, Youth Apprenticeship, and Youth Options.

# Richland Center High School

2012 Revised

Course Numbers & Titles

## AGRICULTURE

- 5002 Intro to Ag -9
- 5010 Agribusiness -10,11,12
- 5015 Ag Env. Chem -10,11,12
- 5000 Ag Mech -11,12
- 5020 Ag Welding 1 -11,12
- 5025 Ag Welding 2 -11,12
- 5030 Animal Production -10-12
- 5040 Nat. Resource -10,11,12
- 7060 Woods Prod -10,11,12
- 5042 Pre-Vet -11,12

## ART

- 6301 Art Survey -9,10,11,12 (1cr)
- 6302 Hand/Wheel I -9,10,11,12
- 6303 Hand/Wheel II -9,10,11,12
- 6304 Drawing I -9,10,11,12
- 6305 Drawing II, 10, 11, 12
- 6308 Painting I -9,10,11,12
- 6309 Painting II -9,10,11,12
- 6317 Sculpture I -10,11,12
- 6318 Sculpture II -10,11,12
- 6322 Art Seminar -11,12

## BUSINESS

- 5500 Accounting TC -10,11,12 (1cr)
- 5510 Adm. Assistant -11,12 (1cr)
- 5513 Basics of Sav/Investing -10,11,12
- 5540 Business Enterprise -11,12
- 5515 Business Law -10,11,12
- 5545 Bus. Work Experience -11,12
- 5570 Empl. Skills -9,10,11,12
- 6025 Personal Finance 11,12
- 5575 Keyboard Applications -9,10,11,12
- 5526 Office Technology -9,10,11,12
- 5585 Pers. Bus. Mgmt. -9,10,11,12
- 5591 Record Keeping -9,10,11,12
- 5514 Retailing/Advertising -10,11,12
- 5516 Sport Ent. & Mkt. -11,12

## COMPUTER

- 5710 Comp. Appl. -9,10,11,12
- 5713 Comp. Prod. -9,10,11,12
- 5715 Comp. Prog. I -9,10,11,12
- 5720 Comp. Prog. II -9,10,11,12
- 5700 Adv. Prog. I -10,11,12
- 5705 Adv. Prog. II -10,11,12
- 5730 Software Dev. I -11,12
- 5735 Software Dev. II -11,12

## ENGLISH

- 1025 English 9 -9
- 1092 Soph. En -10
- 1091 Creative Writing -10
- 1089 Shakespeare -10
- 1088 Ethnic Literature -10
- 1087 Literature of War -10
- 1059 Short Stories -10
- 1051 18<sup>th</sup>/19<sup>th</sup> Lit. (Eng. 11) -11
- 1062 Myths, Legends -11,12
- 1172 20<sup>th</sup> Cent. Am. Lit. -11,12
- 1015 College Comp. -12
- 1130 Speech -12
- 1187 British Lit. -11,12
- 1120 Humanities -11,12
- 1010 Gen. Communication. -11,12
- 1125 Modern Literature -11,12
- 1122 Language & Comp. A.P. 11,12

## MATH

- 2050 Applied Math -9,10,11,12
- 2055 Algebra A -9,10,11,12
- 2060 Algebra B -10,11,12
- 2020 Algebra I -9,10,11,12
- 2025 Algebra II -10,11,12
- 2080 Geometry -9,10,11,12
- 2082 Informal Geom. -10,11,12
- 2160 Trig/Pre Calc. -11,12
- 2075 Calculus AP -12
- 2086 Math Tutor -11,12

## MUSIC

- 6800 Concert Band -9
- 6805 Concert Choir -11,12
- 6810 Fresh. Choir -9 (1.0 credit)
- 6821 Mixed Chorus -10,11,12
- 6830 Music Theory -11,12
- 6835 Symph. Band -10,11,12

## PHYSICAL EDUCATION/HEALTH

- 8000 9<sup>th</sup> Phy. Ed. -9
- 8010 PE 10-12
- 6720 Health -9,10,11,12

## SCIENCE

- 3040 Integrated Science -9,10,11,12
- 3010 Biology -9,10,11,12
- 3020 Chemistry -10,11,12
- 3018 Human Biology -10,11,12
- 3045 Physics -11,12
- 3048 Environ. Sci. AP -11,12

## SOCIAL STUDIES

- 4000 Civics -9,10,11,12
- 4025 Economics -10,11,12
- 4030 Geography -10,11,12
- 4039 Psychology, AP -11,12
- 4040 Psychology AS. -11,12
- 4055 Soc. Problems-AS-10,11,12
- 4060 U.S. History -11
- 4061 U. S. History, A. P. -11
- 4075 Wis. History -9,10,11,12
- 4090 World History -10
- 4037 Soc. St. Mini Courses -9,10,11,12

## TECHNOLOGY & ENGINEERING

- 7070 Communication Tech. -9
- 7045 Industrial Tech. -9
- 7046 Intro to Engineering & Design -9-12 (PLTW, AS)
- 7047 Prin. of Eng -10-12 (PLTW, AS)
- 7068 Video Production -10,11,12
- 7015 Desktop Publishing -10,11,12
- 7020 Drafting -9,10,11,12

- 7025 Engine Technology -10,11,12
- 7030 Grphs./Elect. Com. I -10,11,12
- 7035 Adv Graphics -11,12
- 7050 Metals Prod. Tech. -10,11,12
- 7060 Woods Prod. Tech. -10,11,12
- 7055 Power Tech. -10,11,12
- 7012 Intro to Bldg. Const. -11,12
- 7010 Building Const. -11,12
- 7064 Tech Work Experience 11,12

## WORLD LANGUAGE

- 6500 French I -9,10,11,12
- 6505 French II -10,11,12
- 6510 French III -11,12
- 6515 French IV -12
- 6545 Spanish I -9,10,11,12
- 6550 Spanish II -9,10,11,12
- 6555 Spanish III -10,11,12
- 6560 Spanish IV -11,12
- 6553 Spanish V -12
- 6565 World Lang. Tutor -11,12

## SPECIAL ED

- 1045 Reading 9
- 1070 English 10
- 1095 English 11
- 1115 English 12
- 2135 Math 9
- 2120 Math 10
- 2105 Math 11
- 2090 Math 12
- 9000 Job Orientation
- 9005 Job Orientation II
- 9080 Resource
- 9090 Study Skills 9

## KEY

- Bold** = 1 Credit
- Bold** = Year Long Course
- Italic* = .5 Credit
- Italic* = 1 semester
- A.P. =Advanced Placement
- T.C.=Transcripted Credit (SWTC)
- A.S.=Advanced Standing (SWTC)
- PLTW=Project Lead the Way

## AGRICULTURE, FOOD, & NATURAL RESOURCES

### **Introduction to Agriculture** full year 1 credit

Open to: 9 (or teacher approval)

This course covers the basics: involving plants, animals and soils. Areas of emphasis are plant and animal life genetics, nutrition, marketing, and how they affect our environment. Also the shop is used for a lab in the study of science technology. Great emphasis is given to hands-on learning including a land lab and field trips. Water and soil testing are done in labs along with other work dealing with wildlife conservation.

### **Agribusiness** semester ½ credit

Open to: 10, 11, 12

A heavy concentration of common business practices while using greenhouse, garden and metals merchandise. Actual advertising along with buying and selling will be a part of the curriculum.

### **Agricultural Environmental Chemistry** semester ½ credit

Open to: 10, 11, 12

Agricultural Environmental Chemistry is a laboratory-oriented course. This course emphasizes applications of chemistry in agriculture and in the environment, with laboratory emphasis. Topics in water and air pollution and milk and soil analysis are included. Students who do not have a high school chemistry course preparation learn important skills.

### **Animal Production** full year 1 credit

Open to: 10, 11, 12

This class touches on two subjects: care and management of animals as well as the design and maintenance of home grounds. Specific instruction deals with livestock and other animals mankind depends on for food or enjoyment. A better understanding of feeding, reproducing, and marketing is offered. Instruction is also offered in maintenance of lawn mowers and trimmers.

### **Natural Resources** semester ½ credit

Open to: 10, 11, 12

Natural Resources is especially good for students who like the outdoors and/or desire a career in conservation. Special emphasis is placed on wildlife, water, and soil conservation. Water and soil are tested for quality along with management practices used for wildlife production in our great outdoors. Forestry is covered from planting trees by seed to identification of trees. Harvesting and marketing practices as well as chain saw safety are emphasized.

### **Woods Production Technology** full year 1 credit

Open to: 10, 11, 12

Woods Production Technology covers three major areas: (1) general woodworking technology (2) small building construction (3) manufacturing technology. This is a basic hands-on practical and career focused course for any student who likes to work with his/her hands. Students design, engineer and construct many wooden items. In the production unit some items may even be sold to provide a small profit for each student who participates. This course serves students who just want a taste of modern woods technology and the students who are interested in a career in the field of woods or production technology. Safety glasses must be worn in lab. \$4.00 safety glasses fee.

### **Agriculture Mechanization** full year 1 credit

Open to: 11, 12

Agriculture Mechanization is best suited for those who wish to learn skills in a shop setting. Areas of emphasis are in metals, electricity, masonry, and woodworking. Also covered are fence building and plumbing.

### **Agricultural Welding I** semester ½ credit

Open to: 11, 12

PREREQUISITE: Metals Technology(see Technology Department), Agriculture Mechanization, or teacher approval  
Four basics of welding are taught in this course: (1) Basic oxyacetylene welding (2) basic arc welding (3) oxyacetylene cutting (4) brazing.

### **Agricultural Welding II** semester ½ credit

Open to: 11, 12

PREREQUISITE: Agricultural Welding I  
Four follow-up advanced welding instructions from Agricultural Welding I are as follows: (1) Review of arc and oxyacetylene welding (2) MIG welding (3) TIG welding (4) welding projects. The agricultural welding program is approximately 1/4 classroom work and 3/4 time in welding and other metal working practices in the shop.

### **Pre-Veterinarian** semester ½ credit

Open to: 11, 12

A heavy emphasis will be placed on small animal care, such as dogs, cats, horses, etc. Students will gain a greater understanding of feeding, healthcare and genetics in the small animal health care field.

## ART DEPARTMENT

Students in each class will be responsible for keeping a sketch/log for recording information such as vocabulary, techniques and ideas. It is essential for students to keep notes that follow a project through conception, construction and critique of the finished product. Students taking art classes will be required to prepare an e-portfolio which may take the form of CD, DVD multimedia, or web-work. Advanced students will work together, as a class to design, prepare and execute an exhibit of their best work at the end of the semester. Course offerings follow:

### Art Survey full year 1 credit

Open to: 9, 10, 11, 12

Students taking this survey class will spend approximately six week periods exploring each of the following: Drawing, Painting, Printmaking, Sculpture, Fiber Arts, and Ceramics. Art history as well as the elements (line, shape, color, space, texture and value) and principles of design (balance, rhythm, proportion, emphasis and unity) will be constant threads throughout each of the units of study. A large assortment of media will be available to the student.

### Hand and Wheel Ceramics I semester ½ credit

Open to: 9, 10, 11, 12

Students will explore the basic hand building techniques of pinch, slab, coil, drape and mold as they create their own designed pots. Art history as well as the elements and principles of design will be constant threads throughout this course. Introduction and instruction of the Bauhaus Wheel Throwing Technique will be given. Students will learn the language of potters as well as how glaze pots, load and fire the kiln.

### Hand and Wheel Ceramics II semester ½ credit

Open to: 9, 10, 11, 12

PREREQUISITE: Hand and Wheel Ceramics I

Advanced Ceramics is designed for the continued development of student skills and technical knowledge of the wide range of ceramic arts. An emphasis on wheel throwing will include a full range of functional objects, vessels and forms. Hand built clay sculpture will also be employed. The study of famous potters and the history of ceramics will be incorporated into this course. Advanced ceramics

students will be involved in the running of the studio and will be responsible for mixing the clay and loading and firing the kiln.

### Drawing semester ½ credit

Open to: 9, 10, 11, 12

This class includes studies in art history and the elements and principles of design. The student will explore a variety of drawing styles and media that may include but not be limited to pencil, pen, charcoal, pen and ink, colored pencil, crayon, marker and more. The student will explore drawing in perspective, still life, landscape, drawing from the model and abstract creations using the elements and principles of design.

### Drawing II semester ½ credit

PREREQUISITE: Drawing I

Open to: 9, 10, 11, 12

Students in Drawing 2 class will build upon basic skills learned in Drawing 1. More attention to preciseness, enhanced skills, expanded media and subject matter will be emphasized. The student will explore drawing with more expression and feeling using standard and unusual drawing tools.

### Painting I semester ½ credit

Open to: 9, 10, 11, 12

Painting I is a studio course beginning with study of 19th century painting. Emphasis will be placed on the elements and principles of design as well as the development of personal imagery and visual language. The student will explore painting techniques using a variety of painting medias that may include, but not be limited to, watercolor, tempera India ink, acrylic, on a variety of papers and canvas.

### Painting II semester ½ credit

Open to: 9, 10, 11, 12

PREREQUISITE: Painting I

Painting II is a studio class for students who were successful in Painting I and wish to continue developing their skills and the study of 20th and 21st Century painters. Continued emphasis on design concepts and the development of personal imagery is stressed. Mixed media, painting on canvas with acrylics, stretching own canvas, and framing will be emphasized.

### Sculpture I semester ½ credit

Open to: 10, 11, 12

Concepts in Form I is an introduction to 3-Dimensional design including studies in art history, elements and principles of design as they pertain to sculpture and ceramics. Design processes and craftsmanship will be heavily emphasized as the student explores sculptural processes of carving, modeling, and construction and assemblage. A variety of tools and media will be used in creating sculpture.

### Sculpture II (see above) semester ½ credit

Open to: 10, 11, 12

PREREQUISITE: Sculpture I

Concepts in Form II is a studio class for students who were successful in Concepts in Form I. Skills and techniques acquired in Concepts and Form I will be applied in this course toward the development of advanced sculptural skills. Students are encouraged to explore various sculptural processes, with an emphasis on casting, through exposure to the techniques and aesthetics of contemporary sculptors.

### Art Seminar full year 1 credit

Open to: 11, 12

PREREQUISITE: 2 years of art classes and teacher approval

Art Seminar is a course that expands on previous art experiences and is designed for advanced art students who are serious about their art education. Seminar is similar to an independent study, but is formatted in a group setting allowing for individual instruction and direction. This course is designed to further develop skills through a more in-depth study of various medias and techniques of choice by individual artists. Students will have the opportunity to study and explore a wide variety of medias focusing on their personal interests in order to build their portfolios.

## BUSINESS, MARKETING & INFORMATION TECHNOLOGY

### Accounting (TC) full year 1 credit

Open to: 10, 11, 12

Are you considering a career in business? In farming? In marketing? In health care? Thinking about owning your own business someday? Don't wait until college to learn the language of business! You'll learn how to organize an accounting system, to record business transactions, and to create accounting reports for a company from the beginning of the cycle to the end.

NOTE: Students may take this course for transcripted credit through Southwest Wisconsin Technical College in Fennimore. Upon completion of this course, students enrolled in the transcript credit will receive both high school and technical college credit (you will receive an official SWTC transcript showing the college credits earned). There is no cost for the college credit.

### Administrative Assistant full year 1 credit

Open to: 11, 12

PREREQUISITE: Office Technology or Keyboarding

Are you looking for a class with "real-life" application? This course is for the independent learner who enjoys project-based activities. Throughout this course you will complete activities designed to improve your word processing skills, filing procedures, telephone & e-mail etiquette, note taking, and business correspondence.

### Basics of Saving and Investing semester 1/2 credit

Open to: 10, 11, 12

If you take one elective this year, make sure it's this one! Learn how to manage your personal finances. Learn how to make your money work for you. In this course, you will explore financial institutions and banking services. This course will make you a more intelligent consumer and give you confidence in managing your personal business and financial affairs.

### Business Enterprise semester 1/2 credit

Open to: 11, 12

Are you a person who would like to be in business for yourself? Then this course might be for you! You will learn how to plan a business, how to set goals and objectives, and how to maintain a good business. It doesn't matter what type of business you are interested in, but being able to market your skills to the public is vital. In this class, you will promote and operate the School Store and "Snack Shack".

### Business Law semester 1/2 credit

Open to: 10, 11, 12

Think law doesn't affect you? Think again! This course explores some basic legal problems related to everyday living situations. You will learn your legal rights and duties, understand the kinds of laws, court systems, and contract issues. This course is presented using a variety of guest speakers, field trips, lecture, videos, computer & internet activities.

### Business Work Experience full Year 1-2 credit

Open to: 11, 12

PREREQUISITE: You must enroll in one credit of business courses while taking this course; two credits of business courses if taking this course for 2 credits.

How would you like to earn money while earning credit toward graduation? This course will combine instruction and employment related to your career objective; preparing you for a business career. A local business will work with the teacher-coordinator in planning and supervising the work experience. This course is an approved Employability Skills Certificate Program, if the student meets the requirements of the program he/she will be awarded the state certification. Students must provide their own transportation and drive alone if working off campus. *Students may only obtain a total of 2 credits of business work experience.*

### Employment Skills semester 1/2 credit

Open to: 9, 10, 11, 12

What does it take to be a successful employee in the next millennium? After taking this course you will be better prepared for the work force. You will learn how to communicate effectively, to solve math problems, to use the computer efficiently. Regardless of your career objective, you will have the skills, attitudes, and knowledge needed for future employment.

### Keyboarding semester 1/2 credit

Open to: 9, 10, 11, 12

Do you enjoy lots of hands on activities? In this class, you will apply the proper keyboarding techniques in a variety of activities such as letters, short reports, tables, and other projects. You will learn word processing, basic spreadsheet operations, basic database applications and multimedia presentation software.

### Personal Finance semester ½ credit

Open to: 12

Ready to be on your own? This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance,

debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

### Office Technology semester 1/2 credit

Open to: 9, 10, 11, 12

It's not just letters and filing! If you are interested in learning the newest business applications and essential skills for future employment, then this course is for you! In office technology, you will explore Microsoft Word, Excel, Access, PowerPoint, email and the Internet.

### Personal Business Management semester 1/2 credit

Open to: 9, 10, 11, 12

Want a realistic educational experience? In Personal Business Management, you will be involved in a simulation, which revolves around a small business community. You will develop competencies in solving problems, making decisions, adjusting to work pressures, developing a positive attitude on the job and working with others.

### Record Keeping semester 1/2 credit

Open to: 9, 10, 11, 12

Want to improve your basic business math skills? This course will teach you skills in maintaining and keeping many types of records, including: personal records, taxes, checking, payroll, loans and computer spreadsheets. As part of this course, you will use business forms and records to complete a small business simulation.

### Retailing and Advertising semester 1/2 credit

Open to: 10, 11, 12

Did you know that the retailing industry is the nation's single largest employer? Ever wonder what makes people buy a certain product? In this course, you will learn how to better respond to customer's needs, utilize effective sales methods and explore the power of advertising.

### Sports Entertainment and Marketing semester 1/2 credit

Open to: 11, 12

Welcome to a step-by-step journey through the world of marketing. Fans and companies spend billions of dollars each year on all types of sports. You will learn about information management, financing, pricing, promotion, product/service management, distribution and selling. You will also explore the power of advertising.

## COMPUTER SCIENCE

Most colleges and technical schools recommend students take some computer science credits.

### **Computer Applications** semester ½ credit

Open to: 9, 10, 11, 12

This course allows the student to become familiar with a variety of uses for the computer in everyday life both at home and in school. Students will develop practical skills in these areas: software and internet usage, word processing, desktop publishing, graphics, database, spreadsheets, integration, and multimedia. The skills developed in this class will greatly benefit students in many other classes as well.

### **Computer Productions** semester ½ credit

Open to: 9, 10, 11, 12

Do you have your own Web page? In this course students will learn to design and maintain a web page & its interactive components. In addition, the students will learn to create presentations suitable for other classes, professional purposes, and personal use. All the methods used in this class will expose students to practical applications which can be used by anyone.

### **Computer Programming I** semester ½ credit

Open to: 9, 10, 11, 12

PREREQUISITE: Algebra I or Computer Applications

Although computers appear to be amazingly intelligent machines, they cannot think on their own. They rely on people to give them directions. These directions are called programs, and people who write programs are called programmers. Computer Programming I is designed as a beginning programming course. Students will learn to develop a plan to solve a programming problem and then write programs to solve the problem. The programs for this class will be written in a programming language called Visual Basic.

### **Computer Programming II** semester ½ credit

Open to: 9, 10, 11, 12

PREREQUISITE: Computer Programming I

This course is designed to be a continuation of Computer Programming I. Students in this class will learn to create professional-looking Windows programs using intermediate and advanced techniques in Visual Basic. Visual Basic's wide acceptance in the work world means students will be learning in a language they can actually use on the job.

### **Advanced Programming I** semester ½ credit

Open to: 10, 11, 12

PREREQUISITE: Computer Programming I

Throughout this course students will learn to understand programming techniques and subsequently be able to use them to solve programming problems. The problem-solving emphasis of this class teaches students to write problem solutions in the programming language C++. Programs will be evaluated in terms of its correctness, style, and efficiency.

### **Advanced Programming II** semester ½ credit

Open to: 10, 11, 12

PREREQUISITE: Advanced Programming I

This course is designed to be a continuation of Advanced Programming I. Students use programming skills that include the use of arrays, parameter passage, records, and enumerated types. Structured programming techniques are emphasized.

### **Software Development (Independent Study)**

Open to: 11, 12

semester/year ½ or 1 credit

PREREQUISITE: Computer Programming I, Advanced Programming I and II

Students write a software package complete with its supporting documentation. The software written can be programmed in any language. Students receive a pass/fail grade at the completion of this course. This course may be taken for one semester for ½ credit or for two semesters for 1 credit.

**Note:** For additional computer course offerings, see the business and technology areas of this book.

## ENGLISH & LANGUAGE ARTS

### English 9 Required full year 1 credit

This course is designed to help students explore themselves and their environment through literature. Students create personal odysseys, relationship webs, and keep a daily journal. They master the literary terms necessary to understand literature and their lives. Those following this course express themselves through personal and collaborative projects such as newspapers, short plays, posters, and maps. Throughout the course, there is an emphasis on literature's connections with other disciplines. Students investigate potential careers and develop the reading, writing, listening, viewing, speaking, and thinking skills necessary to do well in life.

### Sophomore English 10 Required semester ½ credit

This course will cover writing techniques, poetry, short stories, language arts, test-taking skills and media literacy as a foundation for second semester electives. Students will enhance their learning experiences by choosing and completing various projects, writing newspaper articles and creating poetry booklets. The mechanics of grammar, including usage sentence structure and punctuation are stressed. Note-taking and summarizing skills are taught to benefit the students across the curriculum.

### English 11 Required semester ½ credit

#### 18<sup>th</sup>-19<sup>th</sup> Century American Literature

This course takes on the questions, "What makes a piece of writing American?" and "How did we get here?" Students will study American Literature from first contact between Europeans, Africans, and Native Americans through the nineteenth century. The approach will be historical taking a look at the major literary periods: Exploration, Puritan, Colonial, Revolutionary, Transcendental, Romantic, Realistic, and Naturalistic. The course includes examples from fiction, non-fiction, novels, short stories, poetry, and drama.

### Creative Writing semester ½ credit

Open to: 10

Creative writing will give students the opportunity to develop creative writing skills and practice a variety of descriptive and narrative techniques as they write poems and short stories. Character and plot development, as well as different forms of poetry will be emphasized.

### Shakespeare: Will in the World semester ½ credit

Open to: 10

This course concentrates on the best known of English writers: William Shakespeare. Students will study a variety of his plays including tragedy, comedy, romance and history and will look at the connections between his life and works.

### The Literature of War semester ½ credit

Open to: 10

From time to time, societies decide to go to war against their enemies, calling upon their young men and women to serve in battle. This course looks at the effects of war on soldiers and civilians, as explored in literature.

### Short Stories semester ½ credit

Open to: 10

Short story writers know they have limited time to develop plots and characters. Readers appreciate getting to the point of the story right away. This course brings together writers, readers and a wide variety of short stories. Materials are chosen to accommodate for the reading skills of students. Students are placed in this course based on their test scores and/or teacher recommendation.

### Myths, Legends and Urban Tales semester ½ credit

Open to: 11, 12

Areas of instruction include American literature from the areas of fiction, non-fiction, novels, short stories, poetry, and drama. Emphasis is on written and oral communication skills for school-to-work or two year college campuses. Students are placed in this course based on their test scores and/or teacher recommendation.

### Twentieth Century American Literature semester ½ credit

Open to: 11, 12

PREREQUISITE: 18<sup>th</sup>-19<sup>th</sup> Century American Lit

This course is a continuation of A New World as it traces the development of American Literature in the last century and into the present century. The course includes examples from fiction, non-fiction, novels, short stories, poetry, and drama.

### British Literature: Stories of English semester ½ credit

Open to: 11, 12

PREREQUISITE: 18<sup>th</sup>-19<sup>th</sup> Century American Lit

This course traces the stories of English from the arrival of the Anglo-Saxons in Britain in 449 to the diffusion of English across our planet in our own times. Students will gain an appreciation for the historical events that have shaped our language. Students will view the major works of British literature as a "distant mirror," gaining insights into the values and concerns of our predecessors so that our own times and lives may be better understood.

### General Communications semester ½ credit

Open to: 11, 12

The course covers the communications process and how to use English as a communication tool, qualities of effective messages, application of these qualities, effectively interpret oral and nonverbal communications, prepare job-winning resumes and letters of application, successfully interview for employment, and plan and prepare informal reports. Newspaper and magazine analysis and reading, writing, and listening skills are focal points.

### Modern Literature semester ½ credit

Open to: 11, 12

This modern world literature class focuses on extensive reading of required and individually chosen contemporary works. Written and spoken communication skills are emphasized through reports, discussion, and individual interviews.

### Humanities semester ½ credit

Open to: 11, 12

While the major focus of the course is literature, it includes the chronological study and research of art in its various forms, music, and philosophy. In addition, the major literary works of each period are studied. Students explore their particular interests in literature, art, music, and philosophy. The students develop a basic knowledge and appreciation of all cultural aspects of society. It adds a new dimension to their lives.

### College Composition semester ½ credit

Open to: 12

This course for college-bound seniors improves individual writing by studying the techniques of recognized authors and by writing formal and informal college papers. Students learn the proper research procedures necessary for writing formal term papers. Students learn methods of process writing, peer editing, and word processing to improve papers. The course is designed to prepare students for the transition from high school to college composition.

### Speech semester ½ credit

Open to: 12

PREREQUISITE: English 9 & 10

This course offers instruction in a variety of speaking situations. Skills are developed through various exercises designed to build confidence. Areas explored include demonstrations, pantomime, TV and radio broadcasting, advertising, and persuasive speaking.

### AP English Language and Composition full year 1 credit

Prerequisite: 3.5GPA in English courses and recommendation of current English teacher

Advanced Placement (AP) English Language and Composition is designed to prepare motivated seniors for the rigors of college reading and writing tasks. Students will read and analyze a wide variety of prose and poetry and write numerous essays. Extensive reading and writing outside of class is required. Specific summer assignments are required. Students should enjoy reading and writing and want to work to improve their skills in those areas. Students will have the opportunity to take the Advanced Placement English Language and Composition Exam in May (fee required) and potentially earn college credit.

## MUSIC DEPARTMENT

**Concert Band** full year 1 credit

Open to: 9

PREREQUISITE: Previous band experience or consent of director

Concert Band is designed to take the learners and expand their knowledge of the basic elements of music (rhythm, pitch, articulation, expression, tone, and style) through the instrumental medium. This is accomplished through large and small groups and individual instruction. Mediums include concert band, marching band, pep band, jazz band, and solo/ensemble. Difficulty of music performed depends on the individual and collective ability of the performers. Participation in formal concerts, marching events, and large group contests is required.

**Symphonic Winds** full year 1 credit

Open to: 10, 11, 12

PREREQUISITE: Audition or consent of director

Symphonic Winds involves advanced study of the elements of music (rhythm, pitch, articulation, expression, tone, and style) through the instrumental medium. This is accomplished through large and small groups and individual instruction. Mediums include concert band, pep band, jazz band, and solo/ensemble. Difficulty of music studied is of a very high degree, as is the expectation of musical maturity. Participation in formal concerts, marching events, and large group contests is required.

**Freshman Choir** full year 1 credit

Open to: 9:

The Freshman Choir is made up of all interested 9th grade singers. Freshman choir sectionals meet on alternate days and together on Fridays. The choir is introduced to Solfege, to proper breathing techniques, mouth positions for vowels, four-part harmony, intricate rhythmic patterns, and other fundamental elements of good choral music. The students sing mostly 20th century literature from the United States composers. The students are encouraged to participate in solo and ensemble, but participation is not required. Participation in concerts and group contests is required. Students have the opportunity to be involved in swing choirs and madrigals.

**Mixed Chorus** full year 1 credit

Open to: 10, 11, 12

The Mixed Chorus is open to sophomores, juniors, and seniors who either haven't auditioned for or made Concert Choir. The students are introduced to singing in Italian and German, do more advanced Solfege, and continue to improve vocally using the fundamental elements of music. The Mixed Chorus sings mostly 20th century literature with a few selections coming from the Romantic era. The students are encouraged to participate in solo and ensemble, but participation is not required. Participation in concerts and group contests is required. The students have an opportunity to be involved in swing choir, madrigal, triple trios, and double boys' quartets.

**Concert Choir** full year 1 credit

Open to: 11, 12

PREREQUISITE: Audition

The Concert Choir is made up of juniors and seniors who have auditioned and met the requirements. The choir rehearses five days a week preparing for four regular concerts, choral festivals, contest, and community events. The students sing a variety of literature from Renaissance, Baroque, Classical, and Romantic to 20th century, rock, gospel, and spirituals. The students have an opportunity to express themselves vocally in madrigal groups, swing choir, double boys quartets, triple trios, barbershop quartets, duets, and solos. The concert group continues to advance and improve using all the fundamental elements of singing. The students are encouraged to participate in solo and ensemble. Participation in concerts and group contests is required. Each nine weeks the students are required to meet with the instructor for 8 voice lessons.

**Music Theory** semester ½ credit

Open to: 11, 12

Music Theory is open to all band or choir students who have an interest in exploring in-depth the written and cultural aspects of music theory. This course includes doing written exercise and ear training. If proper equipment is obtained, the course will also include the use of computers and MIDI equipment. Music Theory is highly recommended for students pursuing music as a career. This course may be run as a class or independently, depending on the size of enrollment.

## PHYSICAL EDUCATION & HEALTH

**9<sup>th</sup> Grade Physical Education (Required)** semester ½ credit

This course is a co-educational course, designed to introduce freshman students to the high school physical education curriculum. This includes physical fitness testing and conditioning, a basic knowledge of team sports (basketball, handball, kickball, gymball, softball, dodgeball) to include all rules relative to the game. This course will also introduce students to recreational indoor games (floor hockey, pickle ball, badminton, table tennis).

**10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Grade Physical Education (Required and elective)** semester ½ credit

Each student upon completion of PE 9 must take 2 additional semesters of physical education to fulfill their graduation requirements per Wisconsin Department of Public Instruction. Students may take PE (10,11,12) as an elective credit in addition to the required classes and may continue after graduation requirements have been fulfilled. Up to two PE classes may be taken each semester.

This course is a co-educational course, designed to advance students in their knowledge of basic physical education concepts. Physical fitness conditioning, testing, and advanced team sport concepts will be discussed and students will be expected to learn and understand these concepts. Individual sports will also be progressed to include doubles play. We will focus on introducing new types of activities and games each semester so that students are exposed to a wide variety of activities that allow them to expand their choices when integrating lifetime activities into their daily routines.

**Health\*** semester ½ credit

Open to: 9,10,11, 12

This course emphasizes teen health issues. Units include: emotional health, nutrition, drugs, sexuality, STD's, abstinence, decision making, and health careers.

Note: The State of Wisconsin requires successful completion of a semester of health in grades 7-12. This course is intended to meet graduation requirements for students who have not passed a semester of health in grades 7 or 8.

\* \$2.00 course fee

# MATHEMATICS

## Applied Mathematics full year 1 credit

Open to: 9, 10, 11, 12

PREREQUISITE: Placement by the standardized test scores and/or teacher recommendation.

Students solve problems involving integers, fractions, decimals, percents, measurement (both English and metric), graphs, tables, and charts. Students also solve problems involving ratios, proportions, geometry, and simple algebra. It is highly recommended that students completing Applied Mathematics earn a second credit in Algebra A. Students are then encouraged to earn a third credit in Algebra B.

## Algebra A: full year 1 credit

Open to: 9, 10, 11, 12

PREREQUISITE: **Grade 9:** Placement by the standardized test scores and/or teacher recommendation.

**Grade 10, 11, 12:** Pass Applied Math

Algebra A is the study of real numbers. It includes representing a quantity with a variable, solving problems using equations, proportional reasoning and probability. Students will also analyze linear equations. Algebra A is the first half of Algebra I; it is taught at a slower pace that allows for more practice on each topic.

## Algebra B: full year 1 credit

Open to: 10, 11, 12

PREREQUISITE: **Grade 10, 11, 12:** Algebra A

**Grade 9:** Placement by the standardized test scores and/or teacher recommendation.

Students will solve linear, quadratic and exponential functions and study powers, roots and inequalities. Algebra B is the second half of Algebra I. Completion of Algebra A and Algebra B is equivalent to completing Algebra I.

## Algebra I full year 1 credit

Open to: 9, 10, 11, 12

PREREQUISITE: Placement by standardized test scores and/or teacher recommendation

Algebra I is the study of real numbers. It includes representing a quantity with a variable, solving problems using equations, proportional reasoning and probability. Students will also analyze linear equations and solve linear, quadratic and exponential functions. Powers, roots and inequalities will also be studied.

## Geometry full year 1 credit

Open to: 9, 10, 11, 12

PREREQUISITE: Pass Algebra I or Algebra B.

Geometry covers such topics as coordinate geometry, deductive proof, construction, area, and volume. Learning to reason logically is a major goal of this course. Geometry is fundamental in everyday life, many vocations, and in other math and science courses.

## Informal Geometry full year 1 credit

Open to: 10, 11, 12

PREREQUISITE: Complete Algebra B and/or teacher recommendation

Informal Geometry covers such topics as coordinate geometry, inductive and deductive reasoning, construction, area, and volume. Learning to reason logically is a major goal of this course. Informal Geometry is fundamental in everyday life and many vocations.

## Algebra II full year 1 credit

Open to: 10, 11, 12

PREREQUISITE: Pass Algebra I or Algebra B.

Algebra II initially reviews Algebra I, and then goes on to present first and second degree equations and inequalities, functions and their graphs, logarithms, analytic geometry, conic sections, and right triangle trigonometry.

## Trigonometry/Pre-calculus: full year 1 credit

Open to: 11, 12

PREREQUISITE: Complete Algebra II and Geometry.

Trigonometry/Pre-calculus covers coordinate geometry, theory of equations and inequalities, functions, trigonometry, graphs of functions, vectors, determinants, complex numbers, logarithms, sequences, series and conic sections.

## AP Calculus: AB full year 1 credit

Open to: 12

PREREQUISITE: Complete Trig/ Pre-calculus

This course covers such topics as slopes, functions, limits, derivatives and their applications and integration which includes area under a curve and surface and volume of solids of revolution.

**Advanced Placement** means that students who pay the fees for the advanced placement calculus test may receive college credits if the required score is met. Students may also choose to take this course for high school credit only.

## Math Tutor one semester ½ credit

Open to: 11, 12

This course is open to a limited number of students who have completed both Geometry and Algebra II with a B or better grade. Students will assist math teachers daily in the Applied Math, Algebra A, Algebra B, or Algebra I classroom. Students must apply and be approved by the math department. Application forms may be picked up from any math teacher.

## SCIENCE DEPARTMENT

Students are recommended to take at least one life science and one physical science course before they graduate.

### **Integrated Science** full year 1 credit

Open to: 9,10,11,12

physical science

PREREQUISITE: None

This course covers a wide variety of topics such as river ecology, weather, astronomy, and basic science skills such as graphing. Students will work outside in the stream and participate in many labs and activities in the classroom. There will be many hands on learning opportunities with problem solving skills highly emphasized.

### **Biology I** full year 1 credit

Open to: 9,10,11,12

life science

PREREQUISITE: None

This course introduces the scientific method, followed by units on biodiversity, cell biology, DNA science, genetics, microbiology, botany, invertebrates, vertebrates, and ecology. Field and laboratory work are done on a regular basis.

### **Human Biology** full year 1 credit

Open to: 10,11, 12

life science

PREREQUISITE: Biology 1

An overview of the anatomy of human body systems is conducted first semester along with an introduction to neuroscience and muscle physiology. Areas of emphasis second semester include neuroscience research, human disease, and exercise physiology. The course is open to all interested students who meet the prerequisite, but should be of particular interest to those preparing to study health related course work at the university or technical college level.

### **AP Environmental Science:** full year 1 credit

Open to: 11,12 (10 with instructor's approval)

PREREQUISITE: Biology 1

Environmental Science (Advance Placement) includes the study of the human use, conservation, and management of the Earth's resources; ecosystems, human interactions with the environment; human population growth; impact of technology on the environment, and practical solutions to environmental problems. Lecture, indoor and outdoor labs, and potential field trips.

**Note:** Interested students can take the Advanced Placement Environmental Science exam in the spring to potentially receive college credit.

### **Chemistry** full year 1 credit

Open to : 10,11,12

physical science

PREREQUISITE: Algebra I

Chemistry is a college prep course that deals with the study of the compositions and structures of materials and the changes they undergo. Students learn about elements, mixtures, and compounds. Lectures, demonstrations, and labs are used to present the content.

### **Physics** full year 1 credit

Open to 11,12

physical science

PREREQUISITE: Algebra II

Physics is a college preparatory course. This class deals with the study of scientific measurements, problem solving, kinematics and energy. Upon completion of this course, the student is prepared to continue his/her studies in science-related field.

## SOCIAL STUDIES DEPARTMENT

### **Civics** semester ½ credit

Open to: 9, 10, 11, 12

**PREREQUISITE:** This course is a requirement for all incoming freshman, and any upper classmen who have not previously taken it.

This course is designed to introduce the student to the structure and function of federal, state, and local governments in the United States. Students gain an understanding of the United States Constitution, citizenship, and the legal system. Lessons are presented in a variety of ways including lecture, class discussion, reading assignments, videos, and projects. Student evaluations consist of class projects, class participation, activities, quizzes, and tests.

### **Economics** semester ½ credit

Open to: 10, 11, 12

**PREREQUISITE:** Teacher approval required for sophomores

Economics introduces students to a wide variety of topics directly related to the American economy at the local, national, and global levels. The study of decision-making helps students understand personal economics along with the American price system, business structure, government intervention in the economy, and components related to global topics.

### **Geography** semester ½ credit

Open to: 10, 11, 12

The class studies the socio-economic political and geographic makeup of nations and traces their historical development. Course work consists of daily assignments, research reports, and tests. \$10.00 semester project fee.

### **Psychology (AS)** semester ½ credit

Open to: 10, 11, 12

**PREREQUISITE:** Teacher approval required for sophomores

This course is designed to introduce the student to the science of psychology. Students study the behavior and thinking of organisms and also the different theories that help explain these processes. To provide a diverse learning experience, lessons are presented in the form of class demonstrations, lectures, written assignments, projects, and videos. Student evaluations consist of class projects, class participation, quizzes, and tests.

### **AP Psychology** full year 1 credit

Open to: 11,12

Students will explore the reasons behind human behavior. An understanding of what is normal/ordinary human behavior in order to recognize what is abnormal/extraordinary will be developed by exploring both historic and contemporary research. The coursework will provide a combination of experiments, readings, written assignments, projects, discussion, and lectures to bring understanding to why humans behave as they do. This is a "bridge" course to prepare the student for college-level work, which means it requires more rigorous reading and out-of-class work than the normal high school course. Students will have the opportunity to take the Advanced Placement Psychology Exam and potentially earn college credit.

### **Social Problems (AS)** semester ½ credit

Open to: 10, 11, 12

The class combines aspects of sociology, current affairs, and problem solving. The course examines the ways people interact with one another and studies group relationships. Course work consists of daily assignments, research reports, quizzes, and tests.

### **U.S. History:** full year 1 credit

Required for: 11

The course is a survey of events in U.S. History from the 1600's to the present. The course focuses on recurring themes and ideas in our nation's history. Course work consists of daily assignments, research reports, quizzes, and tests.

### **AP US History:** full year 1 credit

Open to: 11, 12

Advanced Placement US History is a yearlong college level course taught in the high school. The objective of the course is to prepare the students for the rigor of college. US History AP is a class designed for students who are self-motivated and prepared for a challenge. With this in mind, students will be required to complete many reading and writing assignments outside of class. We will cover our country's history from founding to the present. Interpreting primary and secondary sources will be a focus of the assignments given. Understanding the "how and why" of events will be stressed as compared to just learning about the events themselves. Class participation is required for success in US History AP.

### **Wisconsin History** semester ½ credit

Open to: 9, 10, 11, 12

This course acquaints students with the local history of our area, Southwest Wisconsin, and teaches about the state in which we live. The course covers history and cultural heritage including geography, social, economic, and political aspects.

### **World History:** full year 1 credit

Required for: 10

Students study the development and demise of ancient world civilizations and trace their influence through the centuries into the world of today. The students' learning experiences consist of lecture, written assignments, projects, videos, and co-curricular activities. Course work consists of daily assignments, research reports, quizzes, and tests.

### **Social Studies Mini Courses:** semester ½ credit

Open to: 9,10,11,12

The Mini Course is a nine-week special interest class. These courses will be taught back to back in one semester. After nine weeks, students will move to the second mini course to complete the semester. Descriptions of the Mini Courses are given below.

- **Civil War Era Mini-Course** (offered even school years)

In this class we are going to examine some of the leading causes of the Civil War along with the aftermath of the war. Exploration of both northern and southern perspectives will be a major theme. Special attention will be paid to the treatment of prisoners of war (Andersonville), as well as analysis of why the south lost. Students will examine the Jim Crow movement and the racial segregation that resulted. Battlefield tactics, weapons and contributions of African Americans will also be studied.

- **History of World War II** (even school years)

World War II will be a history covered in 7 parts from events leading up to the war to the aftermath of the Second World War. No formal text will be used, but rather content will be based on the vast audio-visual materials available and discussion involving a variety of handouts and documents affiliated with the events surrounding World War II.

- **Hypothetical History** (even school years)

Have you ever thought to yourself, "What if the Confederacy had won the Civil War?" Maybe you asked, "What if the Soviet Union was the first country to land a man on the moon?" These are the types of questions that will be explored in this course. An understanding will be developed about the actual historical events to help move to the theoretical questions of "what if". The course will require the ability to research historical events and then develop logical arguments for the "what if" in both written and oral/debate formats.

- **Roaring Twenties to Hard Times** (even school years)

This course will investigate the events of the 1920's and 1930's. We will talk about bootleggers, gangsters, flappers, and the exciting years known as the "Jazz Age". We will also take a look at the crash of the stock market and the events that led to the Great Depression. Soup kitchens, breadlines, starvation, and despair are all to be found in the 1930's. We will use documentaries and movies, music reenactments, personal recollections and research projects to gather information. Tests and group work will make up the bulk of the grade for this class.

- **Movies or Myth** (offered during odd school years)

In this course we will look at how Hollywood presents the truth and compare it to the facts of history. We will watch movies based on historic events and analyze the accuracy of the story. Research and evaluation will be important aspects of the class.

- **Dictators: Bad Boys of History** (odd school years)

Hitler, Stalin, and Saddam Hussein are notorious dictators of the 20<sup>th</sup> century. How did they obtain and corrupt their power? Why would people follow them? What similarities can be used to identify a dictator? Who might be the next dictator to appear on the world scene? These questions and more will be examined in this course.

- **Sports History** (odd school years)

During this nine-week class a variety of topic areas will be addressed. Each of the four major professional sports; football, basketball, baseball, and hockey will be researched. The impact of TITLE IX mandating equality in women's sports will be examined. Recreational sports including golf, volleyball, soccer, softball, etc. will also be included. Sports trivia along with highlights & sports features will be interesting additions.

- **Civil Rights Movement in the United States** (odd school years)

This course is an exploration of the continuing struggle for civil rights in America. We will briefly examine the origins of the movement beginning with Reconstruction and conclude with the influences of the movement on issues today. The primary focus of the course will be on the period 1954-1968. We will examine the issues and events that defined the movement. In addition, we will examine the role of leaders and followers in the movement. Finally, we will assess the achievements of the movement to date.

## TECHNOLOGY & ENGINEERING

### Communication Technology

semester ½ credit

Open to: 9

This course is designed to provide freshmen with background in the many ways that we communicate with each other. Students will gain experience in communicating through computer illustration, desktop publishing, digital audio, digital video, photography, offset lithographic printing and screen printing.

### Industrial Technology\*

full year 1 credit

Open to: 9

Industrial Technology is designed to familiarize students with the four areas of today's technology. These technologies include (1) electronic and graphic communications (2) design, construction and building technology (3) production and manufacturing technology and (4) transportation, power, and energy technology. Students choosing to take this course learn some of the exciting, practical, and useful concepts needed for everyday living. This course is valuable for both male and female students because skills learned are needed for work, play, study, and survival in a high tech world. Safety glasses must be worn in lab.

\*\$4.00 safety glasses fee.

### Introduction to Engineering & Design (PLTW)

full year 1 credit

Open to: 9, 10, 11, 12

Students will design and draw 2D and 3D objects on a computer with Inventor software. Project "Lead the Way" has developed the basic curriculum for this course. Students will design and draw sketches of engineering parts on paper and then draw the parts on the computer and turn them into 3 dimensional objects. Parts can be rotated and edited. Students will then assemble the parts on the computer into projects. Students will then use the software to automatically dimension and place the parts onto a Title Block for presentation and printing.

### Principals of Engineering

full year 1 credit

Open to: 10, 11, 12

**Prerequisite: Chemistry (or concurrent enrollment)**

**This is the second course in the Project Lead the Way sequence. This course will expose students to the important concepts involved with engineering. Students will work on real life case studies that are examples of the type of problems they would be solving in this career. While working on case studies, students will be implementing acquired math and science skills. This hands- laboratory course will cover the concepts, principles, skills techniques, and attitudes needed for a career in engineering.**

### Drafting

full year 1 credit

Open to: 10, 11, 12

The course teaches students to express themselves in the form of a drawing including orthographic, pictorial, sections, machine drawing, and auxiliary view. The course is intended for students interested in a career in engineering or industry requiring knowledge of blueprint reading, basic drafting procedures, and computer assisted drafting (CAD). Students spend about 75 % of class time working on computer drawing using mini CAD system and auto CAD. The other 25 % is spent on group design projects, sketching, and blue print reading

### Video Production

semester ½ credit

Open to: 10, 11, 12

This course is designed to teach students the proper techniques of movie making. Students will be introduced to video lighting and sound techniques. In addition, students will learn linear and digital video editing techniques. Projects will include weekly school news videos and the senior slide show. Students will use the following hardware: digital video camera, computer editing software, DVD burner and VHS editing equipment.

### Desktop Publishing\*

full year 1 credit

Open to: 10, 11, 12

Desktop Publishing is a hands-on computer aided course consisting of page layout, creating music CD, computer animation, computer generated graphics, digital video, and multimedia. The student utilizes a variety of software applications to produce professional documents, digital audio and video, and multimedia presentations. Each student in the course uses a variety of Macintosh computers, scanner, video camera, digital camera, video recorders, and stereo mixers.

\*Fees required for the purchase of 1 DVD, 1 two/three inch three-ring notebook, and #2 pencils.

### Engine Technology\*

semester ½ credit

Open to: 10, 11, 12

Students bring engines from lawnmowers, rot tillers, and garden tractors and repair them to proper operating condition. This course involves the study of two and four stroke cycle engines. Emphasis is directed to their operation, repairs, and servicing. Safety glasses must be worn in lab.

\*\$4.00 safety glasses fee.

### Graphic and Electronic Communications I\*

full year 1 credit

Open to: 10, 11, 12

Graphic and Electronic Communications I is a hands-on course that introduces the student to creating music CD's and case design, product design, desktop publishing, computer graphics, various types of printing, 35 mm and digital photography, advertising design, movie making and editing, and radio broadcasting using new mini disc technology. \*\$15.00 fee.

### Advanced Graphics

full year 1 credit

Open to: 11, 12

**PREREQUISITE:** Graphic and Electronic Communications I

This class is the exploration of job opportunities in graphic arts relating specifically to the following areas: design and layout, press operations, darkroom procedures, paste-up, desktop publishing, computerized photographic image editing, offset plate making, bindery operations, continuous tone photography, photographic screen printing, video production, and linear video tape editing, radio broadcasting, and auditorium sound and lighting techniques. This is a hands-on course taught in an industrial type setting.

### Metals Production Technology\*

full year 1 credit

Open to: 10, 11, 12

Metals Production Technology is a course that involves the basics of metals technology and the production of metal projects. The course covers different areas including: sheet metal, bench metals, foundry, machine tool, computer numerical control, and production of metal projects in modern industry. This course is designed for any student who is interested in a career in the metals field. Safety glasses must be worn in lab. \*\$4.00 safety glasses fee.

### Power Technology\*

semester ½ credit

Open to: 10, 11, 12

This course is for students interested in power and energy technology. Much time is spent on hands-on activities in the shop. Students build model rockets, construct powerful mousetrap powered vehicles, design and construct electrical hot-dog cooking devices, CO2 cars, power transmission work with gears and pulleys, robotics and educational inventions. Safety glasses must be worn in lab.

\*\$4.00 safety glasses fee.

### Woods Production Technology

full year 1 credit

Open to: 10, 11, 12

Woods Production Technology covers three major areas: (1) general woodworking technology (2) small building construction (3) manufacturing technology. This is a basic hands-on practical and career focused course for any student who likes to work with his/her hands. Students design, engineer and construct many wooden items. In the production unit some items may even be sold to provide a small profit for each student who participates. This course serves students who just want a taste of modern woods technology and the students who are interested in a career in the field of woods or production technology. Safety glasses must be worn in lab. \$4.00 safety glasses fee.

### Introduction to Building Construction

semester ½ credit

Open to: 11, 12

Students will study and apply various facets and techniques of the construction industry. Units emphasized will be print reading, rough framing, roofing, drywall and finish, electrical and plumbing. Lab activities will account for 60% of the class, with the remainder being classroom work. This class is intended for students interested in enrolling in Building Construction, or for students already enrolled in Building Construction.

### Building Construction

full year 2 credits

Open to: 12

meets 2 periods per day

**PREREQUISITE:** Enrolled in or have completed Introduction to Building Construction and/or Instructor approval.

This is an advanced two-hour course in carpentry, masonry, and other skills commonly used in building trades. It is designed for students considering a career in building construction, architecture, or other related fields. Each year the students in the course complete several small projects as well as a house, house additions, and/or garage. Students study how houses and other buildings are built, cost of materials, and the work of journeymen. Seventy-five percent of the class time is spent on the construction site. The other 25 % of the time is spent in the classroom. Some recent projects include renovating an old house and building a new house in cooperation with Neighborhood Housing of Richland County. Safety glasses must be worn in lab. \$4.00 safety glasses fee.

### Technology Work Experience

full year 1- 2 credits

**PREREQUISITE:** teacher approval

Open to: 11, 12

Course is designed to provide individual students with advanced school wide projects.

## WORLD LANGUAGES

Note: All world language courses require a fee to pay for the workbook. Fees will depend on the current cost to the district.

**French I** full year 1 credit

Open to: 9, 10, 11, 12

French 1 is designed to introduce students to the French language and to the cultures of the French-speaking world. Students develop foreign language learning strategies. Students begin with simple memorized responses and progress toward expanded original responses. Accuracy and comprehension improve throughout the course. Students learn about culture through music, films, geography, and festivals. Students will research and present a landmark of Paris. Students will also examine remnants of the French-Canadian fur trade still evident in Wisconsin.

**French II** full year 1 credit

Open to: 10, 11, 12

French 2 students continue to practice foreign language learning strategies. They briefly review the vocabulary and structures they learned in French 1. Students continue to improve their listening, speaking reading, and writing skills. Students learn to handle simple everyday survival tasks in French cultures. Some examples include: taking care of routine travel needs, meeting physical needs, asking for information complaining or refusing politely, and issuing simple invitations. French 2 students are increasingly able to create with language to express their own thoughts. They learn to initiate, interact, and participate in conversations. Students also learn to relate personal information about the past or future. Students continue to explore the cultures of the French-speaking world through films, festivals, and independent research. Students are encouraged to seek opportunities for practical application of their French skills using online resources and other technologies.

**French III and IV** full year 1 credit

Open to: 11, 12

Students continue to build upon the skills, vocabulary, and structures that they have previously learned. Students go beyond the linguistic focus of primarily personal welfare and survival of level two. Students begin to discuss other people, places, and external events by describing and narrating in the past, present, and future time. Students learn to actively participate in casual conversations and ask questions as part of the give-and-take of the interaction. Students learn to handle situations that involve minor problems or unexpected developments. From the grammatical point of view, students handle basic constructions quite accurately. Students read and discuss a French novel and/or drama. Students use both French literary works and films as vehicles for learning about culture and human experience. Students are encouraged to participate in immersion experiences like Minnesota's Concordia Language Village Camps. They are also encouraged to travel to French-speaking destinations.

**Spanish I** full year 1 credit

Open to: 9, 10, 11, 12

Equal emphasis is on oral and written accuracy. Students progress from simple greetings and conversations to more complex self-expression. Paired-student conversations allow practice of verb structures, while students learn about culture through videos, music, and other forms of communication.

**Spanish II** full year 1 credit

Open to: 9, 10, 11, 12

Students use their first-level knowledge of Spanish to expand into more complex conversations and reading. Paired conversation practice is used so students develop skills for use in language immersion situations. As students become more familiar with the culture of Spanish speaking countries, they are encouraged to travel with the Spanish Club (see Foreign Language Overseas Research Project).

**Spanish III** full year 1 credit

Open to: 10, 11, 12

The students can now converse easily on a variety of topics. They complete the study of language structures and extra reading materials bridge the gap between basic language study and literature. The use of video and CD ROMs expands comprehension and appreciation of the Hispanic culture worldwide and in the U.S.

**Spanish IV** full year 1 credit

Open to: 11, 12

At this level, students are self-sufficient in Spanish and are expected to consume a wide variety of materials from all mediums and be able to discuss their experiences comfortably in Spanish. They read several novels and study full-length films to help increase understanding of native Spanish. Advanced grammar concepts are studied.

**Spanish V** full year 1 credit

Open to: 12

Students should have well-established skills in listening, speaking, reading and writing. A variety of supplementary material is covered. Materials for reading, writing and discussion in the target language are based upon cuisine, music, art, history, social structure and films of the Hispanic world. The pace of this class is rapid. Projects include several oral and written presentations in Spanish.

**World Language Tutor** semester ½ credit

Open to: 11, 12

This course is open to a limited number of students who have completed Spanish III/ French III with a "B" or better grade. Students will assist Spanish teachers daily in the lower level Spanish/French classrooms. Students must apply and be approved by world language teacher.

## EXTENDED LEARNING COURSES

**Advanced Placement (AP) Courses**-The advanced placement program allows juniors and seniors to pursue college level study before they graduate from high school. Students can receive credit, advanced placement, or both in college. The AP exams are given in each subject area for a fee. Each college and university has its own policies regarding minimum scores and credit awarded. Possible AP courses include: Language & Composition, Calculus, Psychology, US History, and Environmental Science.

**Advanced Standing at Wisconsin Technical Colleges**-Students may enroll in courses taught at RCHS that are the same as courses taught at a Wisconsin Technical College. If students reach a prescribed level of functioning, they can receive both high school and technical college credit, which allows them to enroll in the next higher course at any Wisconsin Technical College. Advanced Standing Classes include Psychology and Social Problems.

### APEX

Apex Learning digital curriculum is designed to support academic success for all students, including those who have not been successful in traditional programs. Foundations courses meet the needs of students who are not prepared for grade-level academic challenges and need to develop basic skills in math, reading, and writing before tackling high school academic courses.

### Distance Learning Courses

Various classes are offered to RCHS students via the Southwest Rural Telecommunications Network Consortium (SRTNC). Classes are brought to RCHS from anywhere in Wisconsin via a video/audio link. Students and teachers, from as many as four different locations, are able to see and hear each other with the aid of this link. A complete catalog of courses offered through SRTNC is available in the Guidance Office.

**Drivers Education-**

Available through Zimmerman Driving School or SWTC.  
Contact 608-647-2004 for more information.

**Foreign Exchange Program-** Our community has hosted a number of exchange students over the years. The experience has enriched their lives and ours. Consider either hosting an exchange student or becoming one yourself. Possibilities exist for a summer, semester, or a year-long stay in dozens of countries.

**Foreign Language Courses-Retroactive College Credits**

All colleges in the UW system, and most of the private colleges in our area offer college credits for foreign language study undertaken in high school. To take advantage of it, you take a placement test and then gain a B or better in a language college course at the next level. You could gain up to 16 additional semester credits for high school courses taken. For details, see a member of the World Language Department faculty.

**Job Orientation Program-** This program is open only to special needs students. Students learn employability skills and may take part in a work experience for credit. Contact the Transition Coordinator or a special education teacher for more information.

**NCAA Eligibility-** In order to be eligible for practice/participation in regular season competition, in athletically related financial aid as a college freshman, a student entering a Division I or II NCAA institution must meet certain academic criteria go to:  
[http://www.eligibilitycenter.org/ECWR2/NCAA\\_EMS/NCAA\\_EM\\_S.html#](http://www.eligibilitycenter.org/ECWR2/NCAA_EMS/NCAA_EM_S.html#)

**PASS (Portable Assisted Study Sequence) semester/full year**

Open to: 11, 12

This program is designed to assist students who are behind their age groups in high school credits and are in danger of not graduating with their peers. This independent study program utilizes the PASS (Portable Assisted Study Sequence) curriculum that is designed to help students make up classes that they have failed. Juniors and seniors in the program are monitored and evaluated by a counselor as they proceed through the curriculum. See your Guidance Counselor if you are interested in this program.

**Virtual Courses**

Semester/full year

Open to: 9, 10, 11, 12

A wide variety of on-line classes are available to RCHS students through the Wisconsin Virtual School (WVS). These include Advanced Placement courses, as well as classes designed for students in need of credit recovery. Students may access class materials from a home computer, or during school hours, using the school's computer system. A complete list of courses available through WVS is available in the Guidance Office.

**School Age Parent Program**

semester/.5 credit

Open to: 9, 10, 11, 12

**PREREQUISITE:** Male or female students under the age of 21 who are not high school graduates and are parents, expectant parents, or have been pregnant within the immediate preceding 120 days.

The students enrolled in the program complete a study in the following areas: Self sufficiency and nutrition, maternal and infant care, child development and parenting education. This course is available to be started at any time during the school year.

**Students with Disabilities (SWD)-**

All students with disabilities for whom RCHS is responsible are provided a free, appropriate public education as designed by state and federal statutes. Special education and related services are provided to all SWD students who have not graduated from high school from age 3 through the end of the school term in which they turn 21. To insure the most appropriate education possible, all SWD students will be mainstreamed in regular education classes except when individual needs as outlined in the Individual Education Plan (IEP) require an alternative type of education or modifications. Courses paralleling the mainstream curriculum may be offered as determined by the student's IEP, the subject matter, and other factors.

**Transcribed Credit**

This provides opportunities for students to earn dual credit from both RCHS and Southwest Technical College. Accounting is a Transcribed credit course with SWTC.

**WIA (Workforce Investment ACT)**

Summer

and/or School Year ¼ to ½ credit

Open to: 9, 10, 11, 12 (The target group is students ages 14 & 15)

**PREREQUISITE:** Meet WIA eligibility & be selected for the program

**Content:** Eligible students will receive tutoring, study skills training, and instruction leading to the completion of secondary school including dropout prevention strategies, adult mentoring, and follow-up services. Based on the deficiencies found during an objective assessment at the beginning of the program, students may also be involved in one or more of the following activities: Alternative secondary school services, summer employment opportunities directly linked to academic and occupational training, paid and unpaid work experiences (including job shadowing), leadership development opportunities, and comprehensive guidance and counseling related to career plans.

**Youth Apprenticeship Program (YAP)**

full year 1 credit

Open to: 11, 12

**PREREQUISITE:**

Good high school attendance: *Must have been absent 15 days or fewer preceding school year or 10 days or fewer preceding semester.* \*

The Youth Apprenticeship Program (YAP) is a two-year program beginning in the 11<sup>th</sup> grade or a one-year program for seniors, offering students guided learning and work experience within an industry. Students acquire the high skills necessary for the jobs of tomorrow and a linkage between secondary and post-secondary education.

The apprentices attend regular classes at Richland Center High School for part of the day taking academic and career related classes. They are released to a work site for 10 to 15 hours per week their junior and senior year to work with and learn from a mentor. They usually attend a technical college class one evening a week. Students must provide their own transportation to and from the work site and technical college classes.

It may not be possible to find job sites for all YAP requests. In the event a placement is not found, the student(s) will be unable to participate in the program.

**Youth Options Program-** Eligible students may take courses at colleges and/or technical colleges and receive both high school and college or technical college credits. The School Board determines if a course is eligible for high school credit. Application deadlines are October 1 for second semester and March 1 for first semester. Interested students should meet with their guidance counselor for additional information.

# RCHS Individualized Learning Plan

\_\_\_\_\_  
Last Name

\_\_\_\_\_  
First Name

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Class of

## Freshman (6.5 credits minimum- 8 maximum)

Department	Course Name	Credit
English	English 9	1
Mathematics		1
Science		1
Social Studies	Civics	.5
P.E.	Physical Education	.5
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
	<b>Total Credits</b>	

## Sophomore (6.5 credits minimum- 8 maximum)

Department	Course Name	Credit
English	English 10 (Sophomore Strategies)	.5
	Elective	.5
Mathematics		1
Science		1
Social Studies	World History	1
P.E.	Physical Education	.5
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
	<b>Total Credits</b>	

## Junior (6.5 credits minimum- 8 credit maximum)

Department	Course Name	Credit
English	18 <sup>th</sup> – 19 <sup>th</sup> Century Literature	.5
	English Elective	.5
Mathematics		1
Science		1
Social Studies	US History/ AP US History	1
P.E.	Physical Education	.5
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
	<b>Total Credits</b>	

## Senior (6.5 credit minimum- 8 credit maximum)

Department	Course Name	Credit
English		.5
		.5
Mathematics		1
Science		1
Social Studies		1
P.E.		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
	<b>Total Credits</b>	



Colleges or Technical Colleges of Interest:

\_\_\_\_\_

\_\_\_\_\_

Career Goal/Area of Interest: \_\_\_\_\_

## The 16 Career Clusters

	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
	Careers in designing, planning, managing, building and maintaining the built environment.
	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
	Planning, managing and providing education and training services, and related learning support services.
	Planning, services for financial and investment planning, banking, insurance, and business financial management.
	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

	Preparing individuals for employment in career pathways that relate to families and human needs.
	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
	Planning, managing, and performing marketing activities to reach organizational objectives.
	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.