

Richland Center High School

9-12 Course Description Book



2025-26

Agriculture

5002 Plant Science

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

This course covers the basics: involving plants, and soils. Areas of emphasis are plant, 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.

5010 Agribusiness

.50 credits for a full block class in a quarter.

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.

5021 Food Processing

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

This class has a strong emphasis on the processing of Agricultural products. Subject areas include Meat, Dairy, Canning, and Paper Industries, marketing, and consumer trends. This class will also explore topics which involve fiber and oil crops, and fuel production.

5030 Animal Productions

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

This class explores large and small animals used and valued by humans. Beef, Dairy and Swine production care and management will be emphasized along with meats, carcass and animal evaluation and judging. Topics to include health, reproduction, marketing and housing of animals. We will also explore other animals used by humans to include horses, sheep, goats, rabbits, dogs, and cats.

5031 Introduction to Agriculture

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11 (or teacher approval)

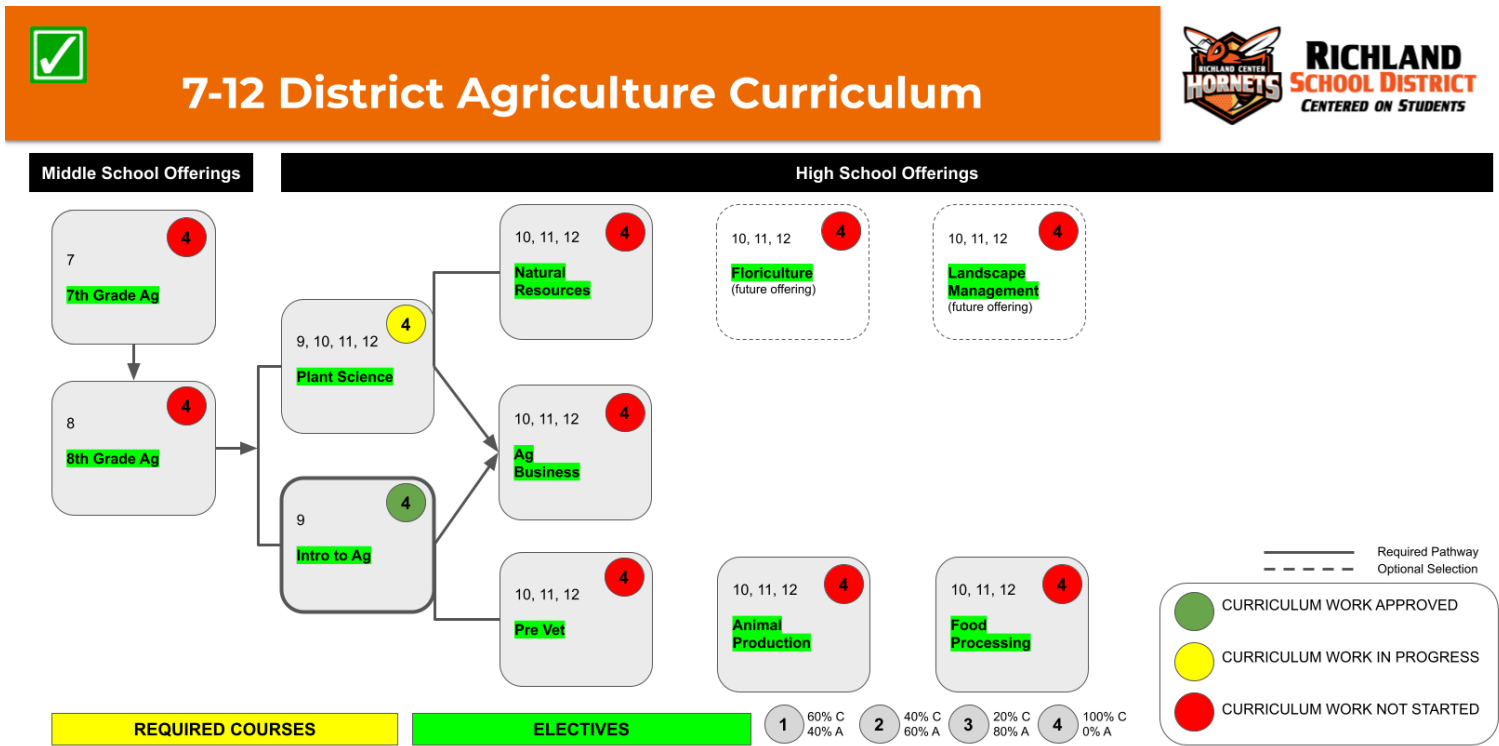
This course covers the basics involving animals. Areas of emphasis are animal life genetics dealing with wildlife conservation, marketing, and how they affect our environment. Also, the shop is used for a lab in the study of science technology. Great emphasis is given to hands-on learning including a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

5040 Natural Resources

.50 credits for a full block class in a quarter.
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.

5042 Pre-Veterinarian

.50 credits for a full block class in a quarter
Open to: 10, 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 healthcare 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:

6300/6307 Art Survey 2D/3D

1 credit for two full block quarters.

Open to: 9, 10, 11, 12

This is one of my favorite classes because you get to do it all. You can play with a lot of different art mediums that you may not have had the opportunity to try yet. You get to make art that you like and improve your skills. Most students that take this class know they like art, but they don't know what they are good at or what they want to explore more of (drawing, painting, printmaking, sculpting). You can take it all year or just a semester so it can fit in almost all schedules.

1st Semester- 2-Dimensional Exploratory

Students will learn major concepts and techniques to draw, paint, collage, and print. Students will also learn how to build original ideas, interesting compositions, and how to use the elements and principles of design successfully. Students will have the opportunity to work with different 2-dimensional art mediums and techniques.

2nd Semester- 3-Dimensional Exploratory

Students will learn major concepts and techniques for sculpting, carving, and assembling. Students will also learn how to build original ideas, plan the process of creating their ideas, and how to use the elements and principles of design successfully in sculptures. Students will have the opportunity to work with different 3-dimensional art mediums and techniques.

6301 Art History

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Art History introduces students to significant works of art, artists and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, techniques, symbols, and themes. This is a course that remains heavy in production of art, but follows the patterns of history through the semester. {This course would carry on some of the same material that the English Humanities course used to have.}

6302 Hand and Wheel Ceramics I

.50 credits for a full block class in a quarter.

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.

6303 Hand and Wheel Ceramics II

PREREQUISITE: Hand and Wheel Ceramics I

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

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.

6304 Drawing I

.50 credits for a full block class in a quarter.

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.

6305 Drawing II

PREREQUISITE: Drawing I

.50 credits for a full block class in a quarter.

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.

6308 Painting I

.50 credits for a full block class in a quarter.

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 mediums that may include, but not be limited to, watercolor, tempera India ink, acrylic, on a variety of papers and canvas.

6309 Painting II

PREREQUISITE: Painting I

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

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 your own canvas, and framing will be emphasized.

6317 Sculpture I

.50 credits for a full block class in a quarter.

Open to: 9, 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.

6318 Sculpture II

Prerequisite: Sculpture I

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

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.

6322 Art Seminar

PREREQUISITE: 2 years of art classes and teacher approval

1 Credit for two full block quarters.

Open to: 9, 10, 11, 12

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 media and techniques of choice by individual artists. Students will have the opportunity to study and explore a wide variety of media focusing on their personal interests in order to build their portfolios.

6345 AP 2D ART

With instructor approval.

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

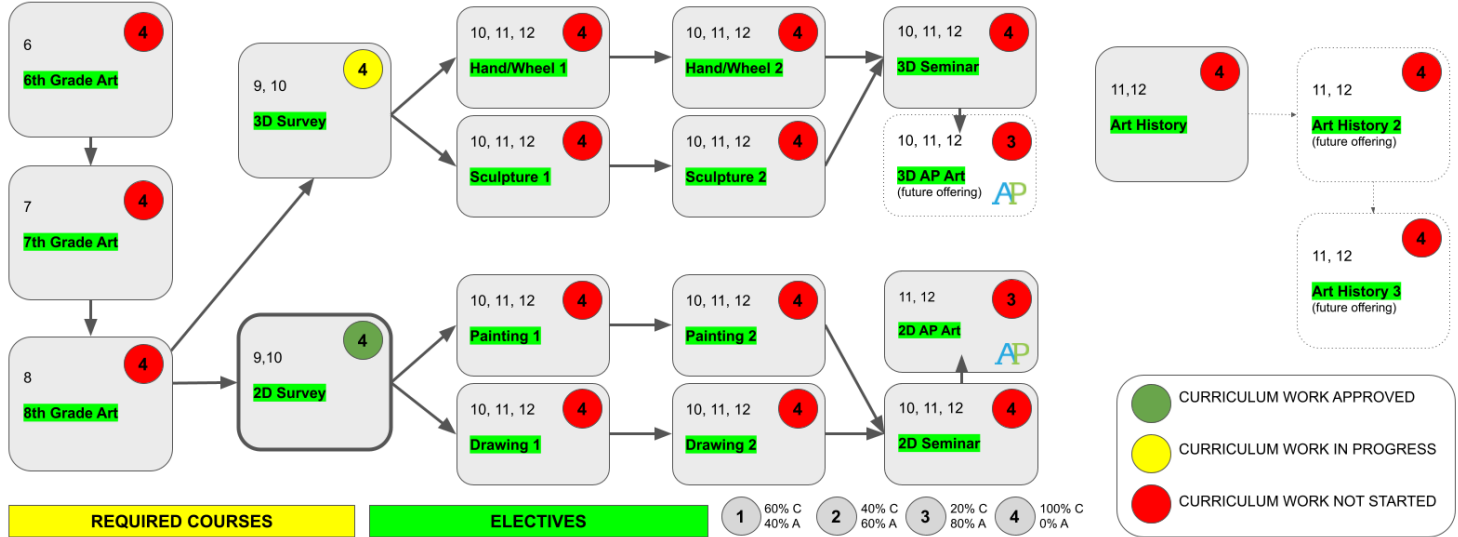
Have you taken 2D art classes (Drawing 1/2 and Painting 1/2) or 3D art classes (Hand and Wheel 1/2 and Sculpture) and want to continue your pursuit for more Art? Are you ready to take your Art to the next level? Do you want to get college credit for Art? If you answered yes, then you should take AP Art and Design. This class makes Art that can be used in making a portfolio. Portfolios are used to apply for Art schools or other Art jobs. This class is an independent study, so students need to be able to work inside and outside the classroom and beyond scheduled periods. There will be Constructive and Formative critiques, where students learn to evaluate their own and others' work based on relationships of materials, processes, and ideas. This understanding informs making.



6-12 Art Curriculum

Middle School Offerings

High School Offerings



BUSINESS & INFORMATION TECHNOLOGY

5460 Introduction to Marketing (DC)

.50 credits for a full block class in a quarter.

Open to: 11, 12

This course will provide the foundation for a student interested in learning how Marketing is used to drive sales for consumer products and services. Students will learn about the foundations of Product, Price, Place and Promotion and how the cohesive creation of a marketing plan is the foundation to every successful business. Students will create a brand new retail item for consumers. From initial plan to final prototype development, students will apply their knowledge to successfully launch a new item. (Students are required to obtain a C or better in order to receive credit – this course provides 3 college level credit hours)

5500/5502 Accounting (DC)

1 credit for two full block quarters. Both quarters of class must be successfully completed for dual credit.

Open to: 9, 10, 11, 12

Principles of Accounting I is a skill-level course that is of value to all students pursuing a strong background in business, marketing, and management. Using financial information, students will learn how to make decisions about planning, organizing, and allocating resources using accounting procedures. Performing accounting activities for sole proprietorships and corporations following Generally-Accepted Accounting Procedures are included in the course. Students analyze business transactions and financial statements, perform payroll, and evaluate the effects of transactions on the economic health of a business.

NOTE: Students may take this course for transcribed credit / dual credit through Southwest Wisconsin Technical College in Fennimore. Upon completion of this course, students enrolled in the transcript credit for Accounting which is both high school and technical college credits. You will earn 4 college credits for Accounting 1 course number 10-101-111. There is no cost for the college credits.

5509 Administrative Assistant

PREREQUISITE: Teacher Approval

1 credit for two full block quarters.

Open to: 11, 12

Are you looking for a class with a “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.

5515 Business Law (DC)

.50 credits for a full block class in a quarter.

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.

5516 Sport Entertainment & Marketing

.50 credits for a full block class in a quarter.

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.

5539 Introduction to Business (DC)

.50 credits for a full block class in a quarter.

Open to: 11, 12

This course will provide students with a foundation in basic business principles. Students will learn how various economies operate in the global marketplace, along with principles of supply and demand, market valuation and equilibrium and more. Students will have the opportunity to implement concepts learned via a semester's long simulation that will result in the application of knowledge in real world business situations.

5540 Entrepreneurship/Business Enterprise

.25 credits for half of a block class in a quarter. Students may take more than once with instructor approval.

Open to: 11, 12

This course is designed to introduce students to the concept of entrepreneurship. Students will acquire the knowledge of the nature and scope of entrepreneurship, and understand the impact of entrepreneurship on market economies. Students will examine and develop the personal traits and behaviors fundamental to becoming a successful entrepreneur, and will be exposed to the first steps of the entrepreneurial process including the development of business plans. In addition, students will develop an understanding of economic concepts and the marketing functions.

Students will operate the school store as directed by the district/instructor.

5545 Business Work Experience

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.

.50 credits for a full block class in a quarter.

Open to: 11, 12

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.*

5585 Personal Bus Management

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

Students will learn about how to become a business owner via projects, a quarter long simulation and real world activities. This course will provide students with a basis of knowledge in the world of business, from a food truck to a large corporation, students will learn what it takes to be successful.

Part of leadership training is understanding how to influence those around you in a positive manner. You will learn how to motivate yourself and others. You will be given the opportunity to increase your skills in personal growth, leadership and effective management.

Employment Skills

.50 credits for a full block class in a quarter.

Open to: 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 workforce. You will learn how to communicate effectively, to solve math problems, and to use the computer efficiently. Regardless of your career objective, you will have the skills, attitudes, and knowledge needed for future employment.

5765 Media and Marketing Communications Internship Elective

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

This course uses project based-learning to introduce students to Media, Marketing and Communications. Under the guidance of the IMC Director/Librarian and the Marketing and Communications Director, the students will learn how to utilize a range of technology tools (website builders, Canva, Otter, iMovie) to complete projects that promote the Richland School District. Students will also learn how to interact with the media, including the newspaper and radio, and learn the basics of event planning. Students will complete a capstone project as well as 2-3 weekly projects. This course is capped at 2 to three students per semester.

6025 Personal Finance

Graduation Requirement: 11 or 12

.50 credits for a full block class in a quarter.

Open to: 11, 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.

6082 MS Office 1

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

This course will cover MS Word and MS PowerPoint. Students will work toward the MS Office Specialist certification with opportunities for certification in each area. Students will explore computer skills and applications needed on a personal, school/college, and career level. The focus of this course is to provide knowledge and skills associated with Microsoft Office applications including: Word and PowerPoint. Students will create various documents: reports, business letters, tables, presentations and more. Upon successful completion of this course, students will complete industry approved certification exams.

6083 MS Office 2- MS Excel and MS Publisher

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

This course will cover MS Excel and MS Publisher. Students will work toward the MS Office Specialist certification with opportunities for certification in each area. Students will explore computer skills and applications needed on a personal, school/college, and career level. The focus of this course is to provide knowledge and skills associated with Microsoft Office applications including: Excel and Publisher. Students will create various documents: the focus is on spreadsheets, mail merge documents, tables, graphs and charts. Students will also use Publisher to create marketing materials, brochures, advertisements and more. Upon successful completion of this course, students will complete industry approved certification exams

5585 Personal Bus Management

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

Students will learn about how to become a business owner via projects, a quarter long simulation and real world activities. This course will provide students with a basis of knowledge in the world of business, from a food truck to a large corporation, students will learn what it takes to be successful.

Part of leadership training is understanding how to influence those around you in a positive manner. You will learn how to motivate yourself and others. You will be given the opportunity to increase your skills in personal growth, leadership and effective management.

9118 & 9121 Yearbook/Publications A & B

.25 credits for half of a block class in a quarter.

Open to: 9, 10, 11, 12

This course provides students with the opportunity to put their desktop publishing skills to use. Students will work collaboratively to create the Richland Center yearbook. Students will learn how to manage workflow, meet deadlines and work with other staff to produce the yearbook. Students will have the opportunity to create page layouts, draft copy, edit photos and document the school year in a visual format using photography. There will also be some required work nights that take place outside of the classroom. Students with an interest in graphic design, photography, and project management are encouraged to enroll.

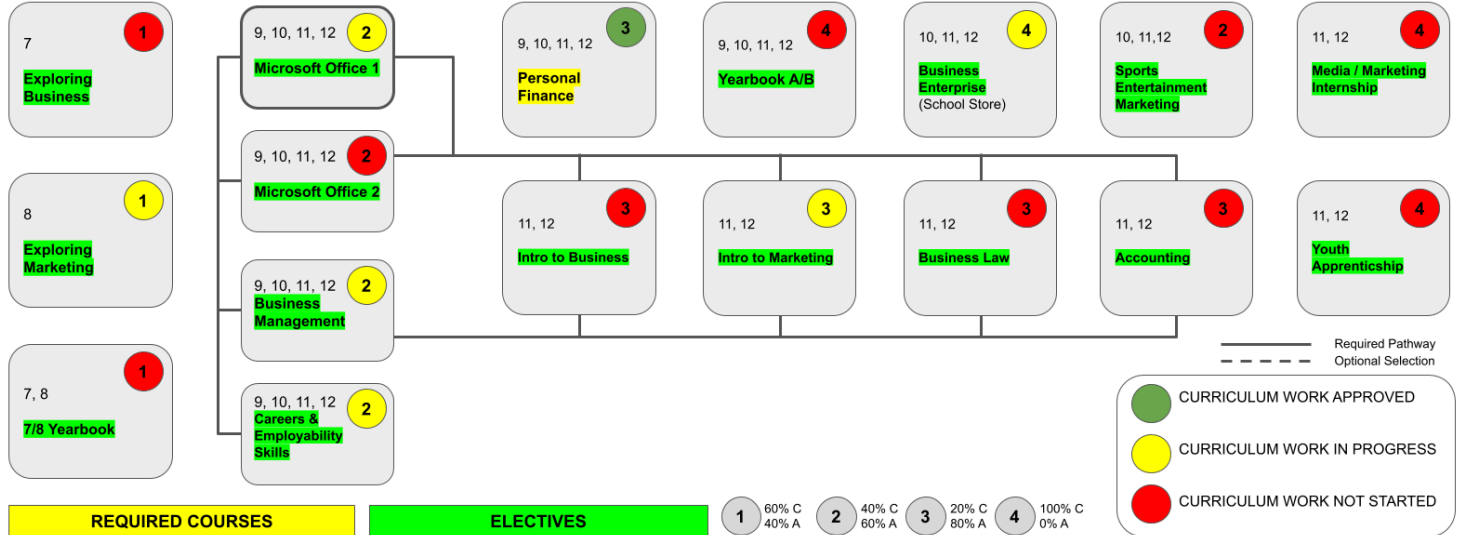


7-12 Business Curriculum



Middle School Offerings

High School Offerings



ENGLISH & LANGUAGE ARTS

1025/1026 English I

.50 credits for a full block class in a quarter. Two quarters needed during grade 9.
Open to: 9, 10, 11, 12

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 news articles, short plays, posters, and maps. Throughout the course, there is an emphasis on literature 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.

1011 English I Support

.25 credits for half of a block class in a quarter. Must have instructor approval.
Open to: 9,10,11,12

Placement by standardized test scores and/or teacher recommendation. English support is an extension of the English/Language Arts classroom. Students work with an instructor to re-teach the curriculum, get support with coursework, and if time allows, build general English/Language Arts skills through vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

1092 English II

Prerequisite: English I

.50 credits for a full block class in a quarter. Two quarters needed during grade 10.

Open to: 9, 10, 11, 12

This course will cover writing techniques, poetry, short stories, language arts, test-taking skills and media literacy. 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. Begin to learn the techniques of writing research papers.

1089 Dramatic Literature

Prerequisite: English II

.50 credits for a full block class in a quarter.

Open to: 11, 12

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.

1087 The Literature of War

.50 credits for a full block class in a quarter.

Open to: 11,12

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.

1051 English III/American Literature 1051

.50 credits for a full block class in a quarter.

Open to: 11, 12

Course continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays.. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

1122/1123 AP English Lang & Comp

Prerequisite: English I

.50 credits for a full block class in a quarter.

Open to: 10, 11, or 12 with instructor approval.

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 may be required. Students should enjoy reading and writing and want to work to improve their skills in those areas. Students will have the opportunity in May to take an English Language and Composition exam. (fee required) and potentially earn college credit.

1010 General Com

.50 credits for a full block class in a quarter

Open to: 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.

1130 Speech

.50 credits for a full block class in a quarter.

Open to: 11, 12

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.

6234-6237 AP Seminar Capstone

Prerequisite: English I

.25 credits for half of a block class in a quarter. Four quarter class.

Open to: 10, 11, or 12 with instructor approval.

Designed by the College Board to parallel college-level courses in critical thinking and communications, AP Seminar courses provide students with the opportunity to explore complex real world issues through cross-curricular lenses. Course topics vary and may include local, civic, or global issues and interdisciplinary subject areas. Courses typically emphasize research, communication, and critical thinking skills to explore issues addressed. Students may also examine source materials such as articles and other texts; speeches and personal accounts; and relevant artistic and literary works. AP Research is the culminating class that follows.

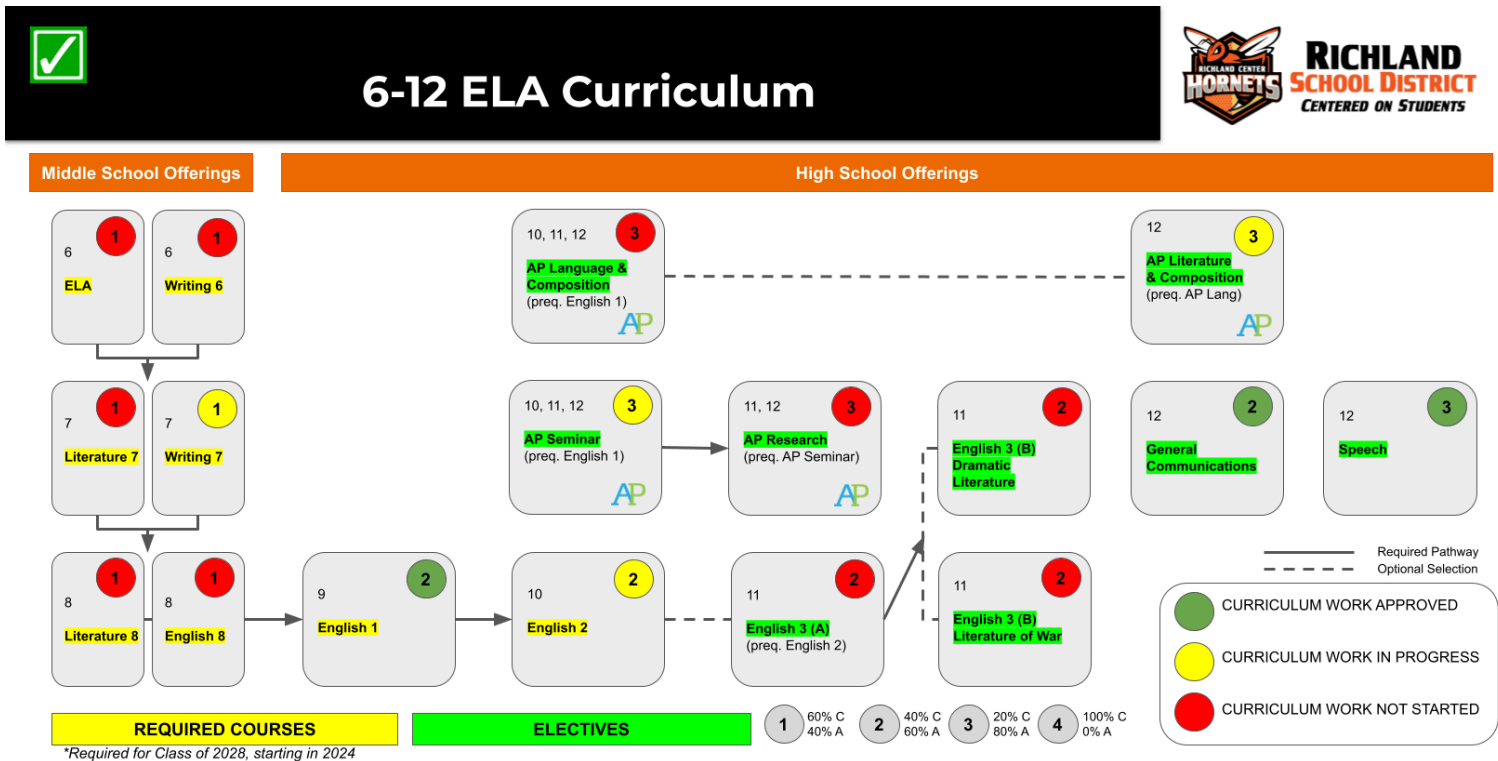
6464 AP Research Capstone

Prerequisite: AP Seminar
Open to: 11 or 12 with instructor approval
.25 credits for half of a block class in a quarter. Four quarter class.

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices and accessing, analyzing and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000 to 5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

1124/1126 AP English Literature and Composition

PREREQUISITE: AP Lang & Comp or Recommended by Instructor
Open to: 12 with instructor approval.
.50 credits for a full block class in a quarter. Two quarters needed to complete class.
The course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone.



Family and Consumer Education Courses

Culinary Pathway

6017 Introduction to Culinary

Prerequisite: Must be taken before other culinary courses.

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

The Introduction to Culinary Arts course is designed to introduce high school students to the fundamentals of cooking and culinary techniques. Through hands-on experiences, kitchen demonstrations, and culinary exploration, students will develop essential culinary skills while gaining an appreciation for food preparation and kitchen safety. This course serves as a foundation for students interested in pursuing further study or careers in the culinary arts industry. Industry Certification to be offered: ServSAFE Food Handlers Certification. \$20 student fee.

6018 Principles of Baking

Prerequisite: Introduction to Culinary.

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

More advanced culinary techniques taught based on the skills learned in the introductory course. Focus for the class will be on the foundational skills for baking, such as bread and pastries. \$20 student fee.

6019 Nutrition and Wellness

Prerequisite: Passed Introduction to Culinary.

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

More advanced culinary techniques taught based on the skills learned in the introductory course. Focus for the class will be on the foundational skills for healthy diets and meal planning. This would be a good class for students interested in Dietetics or similar career paths. This class will also participate and enter a national competition named, Whipping Up Wellness. The competition works with the State DPI and National Food Service Programs throughout all schools. \$20 student fee

6020 Global Foods

Prerequisite: Introduction to Culinary.

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

More advanced culinary techniques taught based on the skills learned in the introductory course. This course is designed to introduce students to the diverse culinary traditions, ingredients, and cooking techniques from around the world. Through hands-on experiences, cultural exploration, and culinary experiments, students will develop an appreciation for global cuisines and the integration of food culture in America. Students will present what they have learned to the High School student body through a Food Fair where they will display and serve food from a chosen culture. \$20 student fee.

6021 Advanced Culinary Arts

Prerequisite: Introduction to Culinary.

.50 credits for a full block class in a quarter.

Open to: 10, 11, or 12

More advanced culinary techniques taught based on the skills learned in the introductory course. The focus for this course will be to develop skills used in the industry as well as exploring career paths. Students will gain certification in ServSafe Management that they can apply to their current and future career goals. They will also participate in the annual Food Truck War where they will work with the Business class to mass produce menu items from other students' business plans. Course fee \$40

Youth Apprenticeship in FCS

Classroom Aide

.50 credits for a full block class in a quarter.

Open to: 11, or 12

May be offered during any HS cooking class. Must have experience in culinary classes. Could be great for a student planning to go into teaching.

Independent Study

Prerequisite: All classes in the Culinary Pathway.

.50 credits for a full block class in a quarter.

Open to: 11, or 12

This will be individualized to the student's needs and could combine with YA experience.

General FACS

6012 Independent Living Skills

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

Provides students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. Topics such as goal-setting, decision-making, and setting priorities; relationships; and the development of self. Selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are integral to the class. Course fee \$20.

6036 Personal and Career Readiness

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

This course will introduce students to the skills and strategies that are helpful in becoming more focused, productive individuals, wage earners, and family members. It will emphasize goal-setting, decision making, managing time, energy and stress.

Education Pathway

Studies of Family and Interpersonal Relationships

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

This course emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. This course often emphasizes (but is not limited to) topics such as the responsibilities of family members, balancing a career and personal life, human sexuality and reproduction, marriage/committed relationships options and preparation, parenthood and the function of the family unit, the family life cycle, and life stages. It also will cover topics related to stages of growth and social/dating practices.

6040 Parenting

.50 credits for a full block class in a quarter.

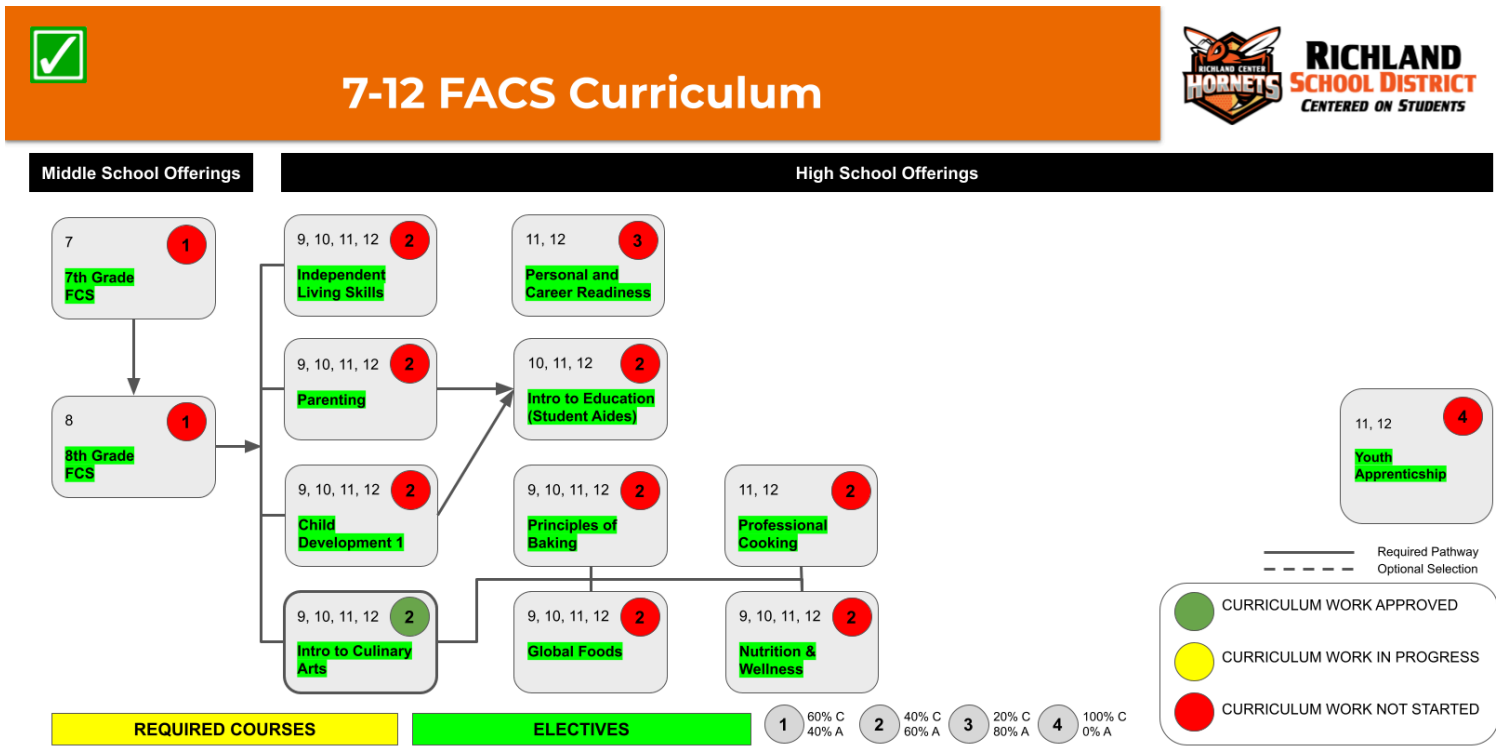
Open to: 9, 10, 11, or 12

The Parenting course is designed to equip students with essential knowledge and skills to understand the responsibilities and challenges of parenthood. This course emphasizes the development of positive parenting attitudes, effective communication, and practical parenting techniques. Through interactive activities, discussions, and real-life simulations, students will explore various aspects of parenting, including child development, nurturing relationships, discipline strategies, and family dynamics.

Introduction to Education

Prerequisite: Passed Parenting class.
.50 credits for a full block class in a quarter.
Open to: 10, 11, or 12

The Introduction to Education course is designed to provide students with foundational knowledge and practical skills necessary to serve as effective classroom assistants. Through a combination of classroom instruction, hands-on experiences, and observations, students will gain insight into the field of education while developing essential competencies for supporting teachers and students in diverse learning environments. This class will be the starting point for students planning to work in child care or education fields.



MATHEMATICS

2055/2057 Algebra A

Prerequisite: Test scores and instructor approval.
.50 credits for a full block class in a quarter. Two quarters needed to complete class.
Open to: 9, 10, 11, 12.

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.

2060/2062 Algebra B

Prerequisite: Algebra A.

.50 credits for a full block class in a quarter. Two quarters needed to complete class.

Open to: 9, 10, 11, 12.

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.

2020/2021 Algebra I

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

.50 credits for a full block class in a quarter. Two quarters needed to complete class.

Open to: 8, 9, 10, 11, 12.

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.

2080/2081 Geometry

Prerequisite: Algebra I or Algebra B

.50 credits for a full block class in a quarter. Two quarters needed to complete class.

Open to: 9, 10, 11, 12.

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.

2006 Math Support

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

.25 credits for half of a block class in a quarter.

Open to: 9, 10, 11, 12

Math support is an extension of the math classroom. Students work with an instructor to re-teach the curriculum, get support with coursework, and if time allows, build general math skills through the Alek Program.

2030/2031 College Review Math

Prerequisite: Algebra II

.50 credits for a full block class in a quarter.

Open to: 11, 12

Students compute with rational numbers. They make and convert various measurements. Students use formulas to solve problems. They compute dimensions of geometric shapes. Students use statistical tools to represent and analyze data. They analyze various financial situations. Students use basic right triangle trigonometry to solve problems. In each topic area, students solve application problems.

2025/2026 Algebra II

Prerequisite: Algebra B or Algebra I.

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12

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.

2160/2162 Trigonometry/Pre-Calculus

Prerequisite: Algebra II and Geometry

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

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.

2078/2078 AP Statistics

Prerequisite: Algebra II

.50 credits for a full block class in a quarter.

Open to: 11, 12

Following the College Board's suggested curriculum designed to parallel college-level statistics courses, AP Statistics courses introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This class will be offered in the 2019-20 school year.

2075/2077 AP Calculus

Prerequisite: Completion of Trig/Pre-Calculus

.50 credits for a full block class in a quarter.

Open to: 11, 12

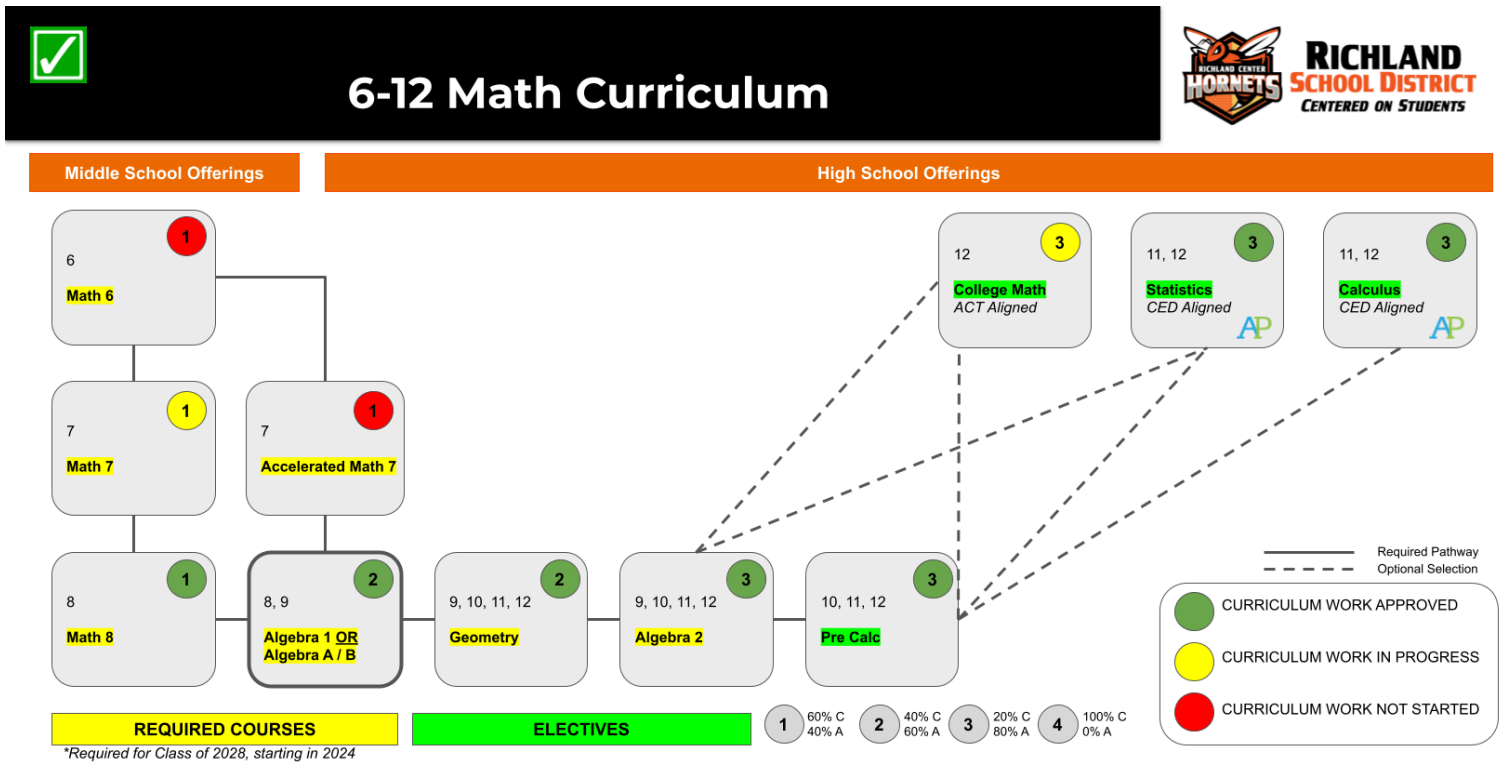
This course covers such topics as slopes, functions, limits, derivatives and their applications and integration which includes area under a curve and surface and volume of solids of revolution. Advanced Placement means that students who pay the fees for the advanced placement calculus test may receive college credits if the required score is met. Students may also choose to take this course for high school credit only.

2086 Math Tutor

Quarter 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 Math 7, Math 8, Algebra A, B, or Geometry classrooms. Students must be approved by the math department. Tutors will be actively engaged throughout the class period.



MUSIC DEPARTMENT

6800/6806 Concert Band

Prerequisite: Previous band experience or consent of director

.50 credits for a full block class in a quarter.

Open to: 9

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.

6835/6836 Symphonic Band

Prerequisite: Previous band experience or consent of director

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Symphonic Band 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.

6821/6821 Mixed Chorus

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

The Mixed Chorus is open to freshmen, sophomores, juniors, and seniors who either haven't auditioned for or made Concert Choir. The students are introduced to singing in foreign language, 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 quartets.

6805/6806 Concert Choir

Prerequisite: Audition

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

The Concert Choir is made up of sophomores, juniors and seniors who have auditioned and met the requirements. The choir rehearses five days a week preparing for four regular concerts, choral festivals, contests, 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 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 6 voice lessons.

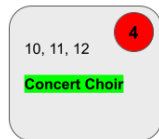
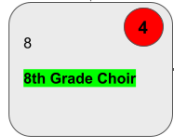
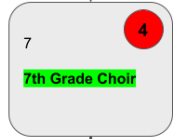
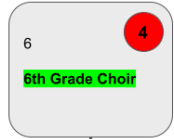


6-12 Music Curriculum



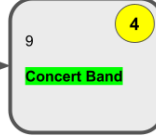
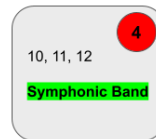
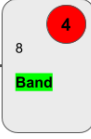
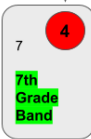
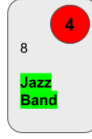
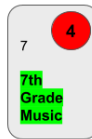
Middle School Offerings

High School Offerings



Middle School Offerings

High School Offerings

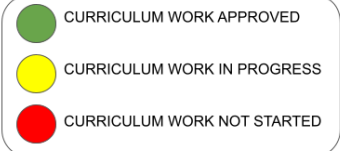


REQUIRED COURSES

ELECTIVES

1 60% C 40% A 2 40% C 60% A 3 20% C 80% A 4 100% C 0% A

Required Pathway
Optional Selection



PHYSICAL EDUCATION & HEALTH

8000 9th Grade Physical Education (required)

.50 credits for a full block class in a quarter.

This is a co-educational course, designed to introduce students to physical educational content and curriculum. This includes basic knowledge of team sports, to include the rules relative to the high school game. (basketball, softball, volleyball) . This course will introduce students to the rules and concepts involved with a variety of individual games. (badminton, table tennis, pickleball, various outdoor games) Individual games will be progressed to include doubles play. This course may include a variety of lifetime activities, which students can participate in for a lifetime. (weight training, walking, tennis, archery)

10-12 Physical Education (required and elective)

Each student upon completion of PE 9 must take 1 additional credit of physical education to fulfill their graduation requirements per Wisconsin Department of Public Instruction.

Please choose from the following courses:

8025 Lifetime Activities

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

This course is designed to be an individualized course focusing on individual fitness and increased awareness of lifetime activities. Activities may include, walking, running, biking, archery, indoor and outdoor games, tennis and weightlifting.

Course may be taken multiple times for credit.

8015/8016 Fitness for Life

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Students are introduced to a variety of activities from cardio, strength, stretching, plyometrics, agility, sport specific, etc. After the initial demonstration, students will create their own fitness plan to include cardio, stretching, strength and agility activities, these activities would be on an individual basis utilizing the gym space, weight room space and wrestling room.

Course may be taken multiple times for credit.

8027 Nutrition & Strength

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Course teaches about nutrition and practicing strength training. Students will strength train roughly every other day and learn about nutrition on alternative days.

8020 Team Games

Open to: 10, 11, 12

Competitive course, designed for students to progress their knowledge and skills in a variety of team oriented activities. Students are expected to be prepared to have basic knowledge of team games and the ability to play at a competitive level. Activities may include softball, flag football, indoor and outdoor games, fitness, gym ball, handball, and basketball.

Course may be retaken multiple times for credit.

Summer Strength & Conditioning

semester $\frac{1}{4}$ or $\frac{1}{2}$ credit

Open to: 9, 10, 11, 12

8024 Outdoor Education

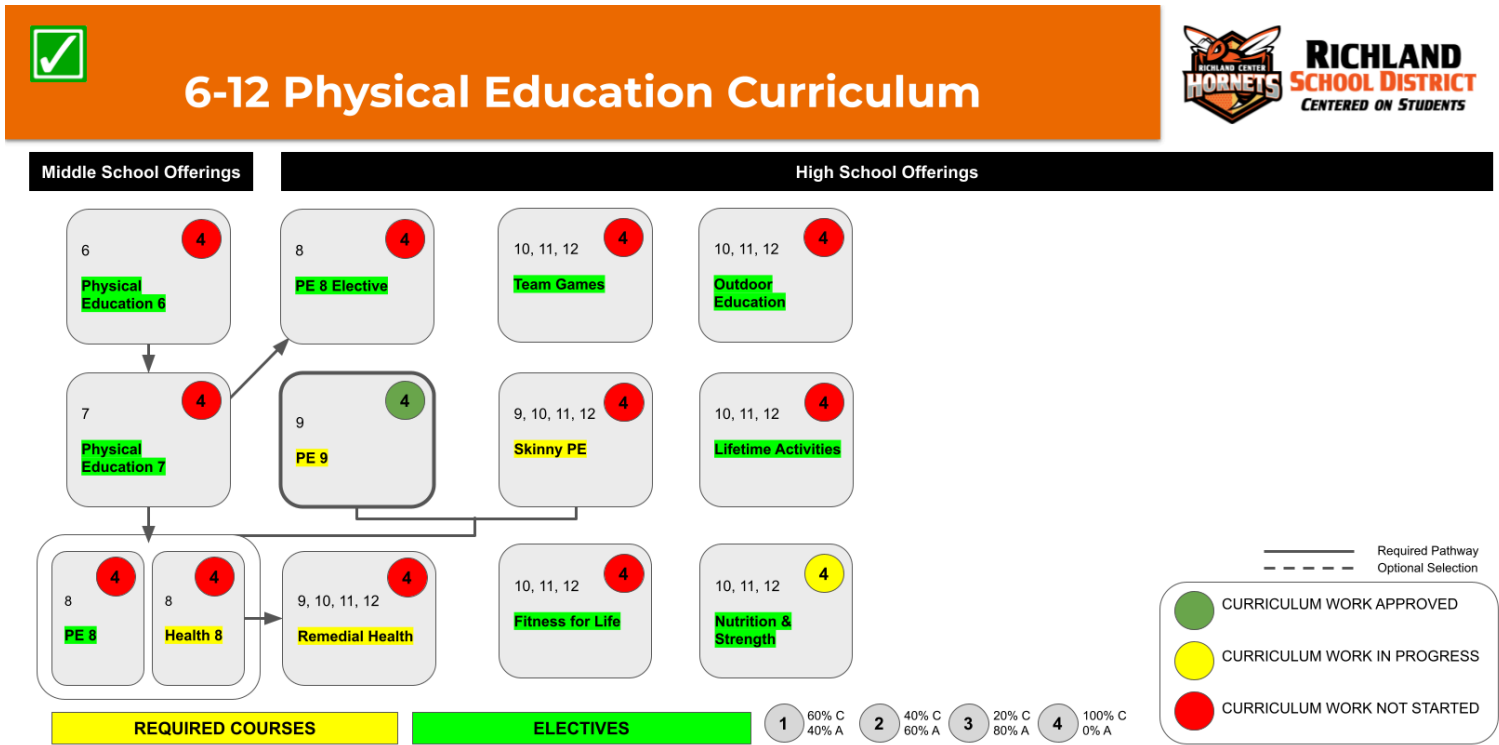
.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Outdoor Education is focused on developing skills that can be used outdoors. Skills taught may include camping, outdoor cooking, fishing, archery, and navigation, among others. Students will learn through demonstration and hands on learning, showing competency through skills checks. Students should plan to spend a majority of class time outdoors.

6720 Health

.50 credits for a full block class in a quarter.
Open to: 9, 10, 11, 12
This course emphasizes teen health issues. Units include: emotional health, nutrition, drugs, sexuality, sexually transmitted diseases, 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



SCIENCE DEPARTMENT

3010/3011 Biology

.50 credits for a full block class in a quarter.
Open to: 9, 10
Biology is an introductory course designed to explore the nature of the physical world as it relates to the living. This course will focus on the diversity of organisms from their chemical constituents through their ecological roles. In this class there will be an emphasis on activities and laboratory exercises that will promote problem solving, refine laboratory procedure, and strengthen reading, writing and math skills.

3043 Zoology

Prerequisite: Biology or Chemistry/Intro to Chemistry

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Zoology is an in-depth course focusing on animal development, evolution, classification and identification as well as anatomical structures, physiology, and uniqueness. This course requires a strong background in biology and a willingness to learn. Zoology will build on and enhance your knowledge of all animal life forms from single celled organisms to complex mammals such as yourself. This course will cover units on marine sciences, general ecology, environmental science, and aspects of field biology. Students will be expected to participate in field projects, along with a variety of in-class activities and laboratory investigations designed to further practical science skills.

3017/3019 Anatomy & Physiology

Prerequisite: Chemistry or Intro to Chemistry

.50 credits for a full block class in a quarter.

Open to: 11, 12

An overview of the major systems of the human body including: Skeletal, Muscular, Nervous, Digestive, and more. Will include an in-depth look and both the structure and function of each system. Course includes lab work, dissections, and an optional field trip to a college Anatomy and Physiology lab in the second semester. A good preparatory course for any students interested in studying a health-related topic at a post-high school level.

3036 Intro to Chemistry

Prerequisite: Biology

.50 credits for a full block class in a quarter

Open to: 10, 11, 12

Introduction to Chemistry is designed to give the student an awareness and an understanding of the fundamental concepts of modern chemistry. Topics include measurement, states of matter, atomic theory, chemical bonding, the Periodic Table, and chemical reactions.

3020/3026 Chemistry 1

Prerequisite: Biology, Algebra I

.50 credits for a full block class in a quarter.

Open to : 10, 11, 12

Chemistry at the high school level is designed to not only prepare students for college courses and laboratory work in chemistry, but to also strengthen their problem-solving and critical thinking skills, as well as make them more aware of how the interactions between the particles that make up our world work, and why these interactions occur. This course includes study of atomic structure, subatomic particles and bonding, the design and development of the periodic table, the mole concept, chemical reactions and factors that influence chemical reactions, gasses, acids and bases. This is a math-intensive course designed for those planning to further their education at the college level. Students who take this course will be eligible to register for dual-credit (high school + college credit) through the Cooperative Academic Partnership Program (CAPP) through UW-Oshkosh.

3037 Intro to Physics

Prerequisite: Biology

.50 credits for a full block class in a quarter.

Intro to Physics will be a math-based introduction to fundamental topics in physics, including motion, forces, energy, thermodynamics, wave motion and electromagnetism.

3045/3046 Physics

Prerequisite: Algebra II and Biology

.50 credits for a full block class in a quarter.

Open to: 11, 12

Physics at the high school level is designed to not only prepare students for college coursework in physical sciences and math, but to also strengthen their problem-solving and critical thinking skills, as well as make them more aware of how the world around them works. This course includes an in-depth study of mechanics, followed by an investigation of waves and sound. This is a math-intensive course designed for those planning to further their education at the college level. Students who take this course will be eligible to register for dual-credit (high school + college credit) through the Cooperative Academic Partnership Program (CAPP) through UW-Oshkosh.

*Note to Student Services–Would like to offer this course every year, since the science pathway will be updated to include a physics requirement (this course or Intro to Physics).

3048/3049 AP Environmental Science

Prerequisite: Biology

.50 credits for a full block class in a quarter.

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

Environmental Science (Advanced 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.

3015/3016 AP Biology

Prerequisite: Biology and Chemistry

.50 credits for a full block class in a quarter.

Open to: 11, 12

Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments.

3025/3027 AP/Chemistry 2

Prerequisite: Chemistry and Algebra II

.50 credits for a full block class in a quarter.

Open to 11, 12

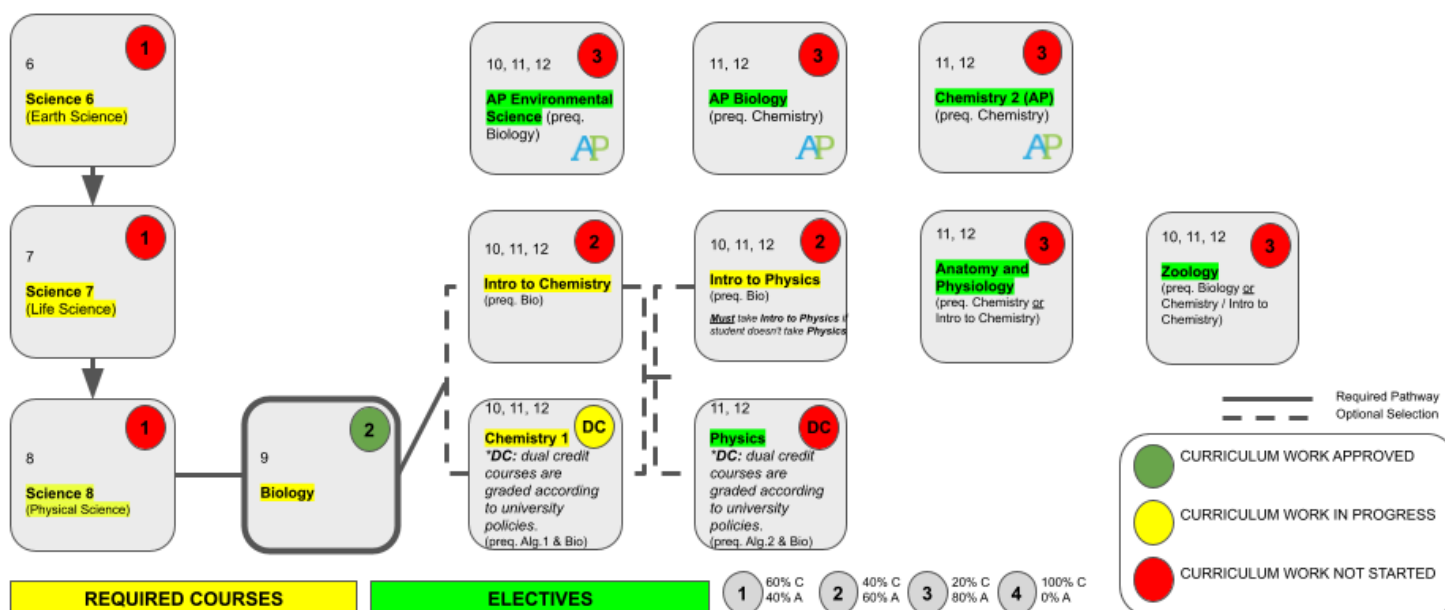
This course is intended for anyone who has completed a first-year chemistry course and has an interest in learning more advanced topics in chemistry. Areas of study include equilibrium, thermochemistry, solution chemistry, advanced topics in acids and bases, electrochemistry, kinetics, and more. Students who take this course will be eligible to either take the AP Exam for possible college credit, or register for dual-credit (high school + college credit) through the Cooperative Academic Partnership Program (CAPP) through UW-Oshkosh (if students completed the dual-credit option for Chemistry).

PROPOSED SEQUENCE 6-12 Science Curriculum



Middle School Offerings

High School Offerings



*Required for Class of 2028, starting in 2024

SOCIAL STUDIES DEPARTMENT

4001 Civics

Prerequisite: World History & U.S. History or U.S. History & A.P. Human Geography

.50 credits for a full block class in a quarter.

Open to: 11 (Required to graduate)

This course is recommended for all incoming juniors, and any seniors who have not previously taken it. This course is a required course for graduation.

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.

4075 Wisconsin History

.50 credits for a full block class in a quarter.

Open to: 11, 12

This course deals 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.

4037 Social Studies Mini Courses

.50 credits for a full block class in a quarter.

Open to: 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. Topics may include: History of World War II, Hypothetical History, Roaring Twenties, Movies or Myths, Dictators.

4089/4090 World History

Prerequisite: U.S. History

.50 credits for a full block class in a quarter.

Open to: 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 lectures, written assignments, projects, videos, and co-curricular activities. Course work consists of daily assignments, research reports, quizzes, and tests.

4035/4036 AP Human Geography

Prerequisite: U.S. History

.50 credits for a full block class in a quarter.

Open to 10, 11, 12

The AP program in Human Geography is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. In-depth concepts to be covered include: population, political organization, agriculture and rural land use, industrialization and economic development, and cities and urban land use. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Designed to meet or exceed the experience of an introductory one semester college human geography course.

Note: All students are strongly encouraged to take the Advanced Placement exam in the spring to potentially receive college credit.

4058/4060 U.S. History

.50 credits for a full block class in a quarter.

Open to: 9 .

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.

4061/4066 AP US History

.50 credits for a full block class in a quarter.

Open to: 11, 12

Advanced Placement US History is a yearlong college level course taught in 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 the 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.

Note: All students are strongly encouraged to take the Advanced Placement exam in the spring to potentially receive college credit.

4025 Economics

.50 credits for a full block class in a quarter.

Open to: 11, 12

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.

4055 Social Problems

.50 credits for a full block class in a quarter.

Open to: 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.

4040 Psychology

.50 credits for a full block class in a quarter.

Open to: 11, 12

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.

4038/4039 AP Psychology (TC)

.50 credits for a full block class in a quarter.

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, discussions, 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 or gain dual enrollment with Southwest Tech for 3 credits through the transcribed credit agreement.

4300 Leadership & Character

.50 credits for a full block class in a quarter.

Open to : 11, 12

Course studying historical figures of leadership and character. The purpose of course is to help students learn leadership traits and develop high character.

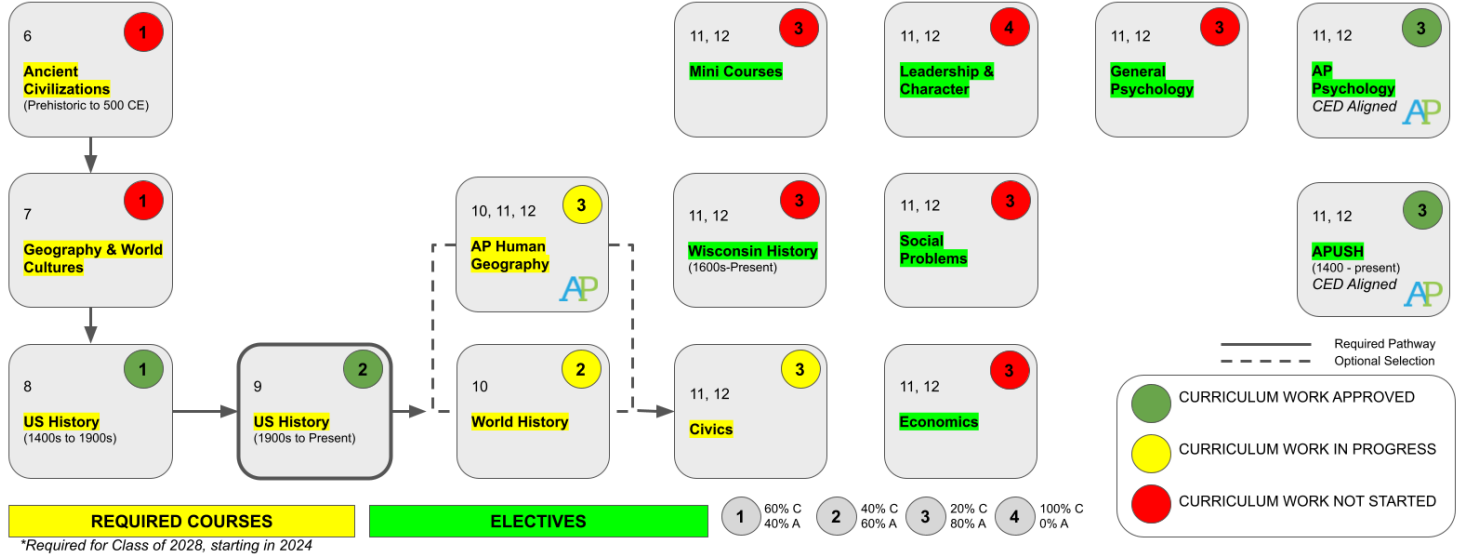


6-12 Social Studies Curriculum



Middle School Offerings

High School Offerings



TECHNOLOGY & ENGINEERING

7043/7044 Industrial Technology

.50 credits for a full block class in a quarter.

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. 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 the lab. *\$4.00 safety glasses fee.

7042/7046 Intro to Engineering & Design

.50 credits for a full block class in a quarter.

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. Students receiving a B or better will earn credits at SWTC while taking this class through advanced standing.

7047/7052 Principles of Engineering

Prerequisite: Algebra I or concurrent enrollment

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

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-on laboratory course will cover the concepts, principles, skills techniques, and attitudes needed for a career in engineering. Students may earn Science Credit while taking this class.

7045 Intro to Theater Production

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, 12

Students will learn basic techniques in drama productions including sound, lighting and stage production. At the conclusion of this course, students may have the opportunity to assist in student productions and general assemblies.

7049/7053 Computer Integrated Manufacturing

.50 credits for a full block class in a quarter.

Open to: 11, 12

Learn up close how things are made. Is the process for making a water bottle the same as a musical instrument? How are assembly lines designed and automated? Through your growing knowledge of the history, principles, and processes of manufacturing, you will design and build your own automated manufacturing system, factoring in safety, quality, cost, and efficiency. Use technologies in your projects that have revolutionized manufacturing: computer modeling, Computer Numeric Control (CNC) technology, Computer Aided Manufacturing (CAM) software, robotics, and flexible manufacturing systems.

7025 Engine Technology

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Small engine mechanics courses provide students with the opportunity to learn how to service and recondition small engines, typically emphasizing two and four cycle engines. These courses provide students with opportunity to troubleshoot and repair speed controls, lubricating, ignition, fuel, power transfer, cooling, exhaust and starting systems; use hand, power, and overhaul tools; and read and interpret service manuals and parts catalogs. Safety glasses must be worn in the lab. \$4.00 safety glasses fee.

7030/7031 Graphic & Electronic Communications

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Teaches students the fundamentals of graphic design and production and provides students with the opportunity to apply these principles to printed media, digital presentation media and interactive media.. *\$15.00 fee.

7066 Home Repair

.50 credits for a full block class in a quarter.

Open to: 11, 12

Students will learn basic techniques to help them become better homeowners and save them money with small home repairs. Plumbing, drywall, basic electricity, lighting, etc.

7055 Power Technology

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

This class focuses on the diagnosis and repair of automobile, tractor, and other large equipment engines and support systems such as body work, brakes, cooling, drive trains, electrical components, emission, fuel, ignition, steering, suspension, and transmissions. A large portion of the class will be spent hands-on in the shop. Students taking this class should have a basic knowledge of engine systems, or take the Engine Technology course first.

7050 Metals Production Technology

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

This 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 the lab.

\$40.00 course fee.

5020/5025 Welding I and II

Prerequisite: Metals Production Technology

.50 credits for a full block class in a quarter.

Welding courses enable students to gain knowledge of the physical and chemical properties, uses, and applications of various metals. Students gain skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes) and experience in identifying, selecting, and rating appropriate techniques. Students read and interpret blueprints in order to identify, select, and rate appropriate techniques. These courses may prepare students to pass relevant industry certifications.

7060/7061 Woods Production Technology

.50 credits for a full block class in a quarter.

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 the lab.

\$4.00 safety glasses fee and \$25 individual lumber/materials fees.

7012 Intro to Building Construction

.50 credits for a full block class in a quarter.

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.

7010 Building Construction

Prerequisite: Enrolled in or have completed Intro to Building Construction and/or Instructor approval.

.50 credits for a full block class in a quarter.

Open to: 12, Meets 2 periods per day

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 the lab. \$4.00 safety glasses fee.

7036 Advanced Graphics

Prerequisite: Graphic and Electronic Communications I

.50 credits for a full block class in a quarter.

Open to: 11, 12 (*offered every other year*)

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.

7068 Video Production

.50 credits for a full block class in a quarter.

Open to: 10, 11, 12

Video courses enable students to explore video communications, incorporating both the technical and artistic aspects of video media. Topics covered in the course include the use of video equipment and techniques, and students typically create a video presentation.

7064/7065 Advanced Woods

.50 credits for a full block class in a quarter.

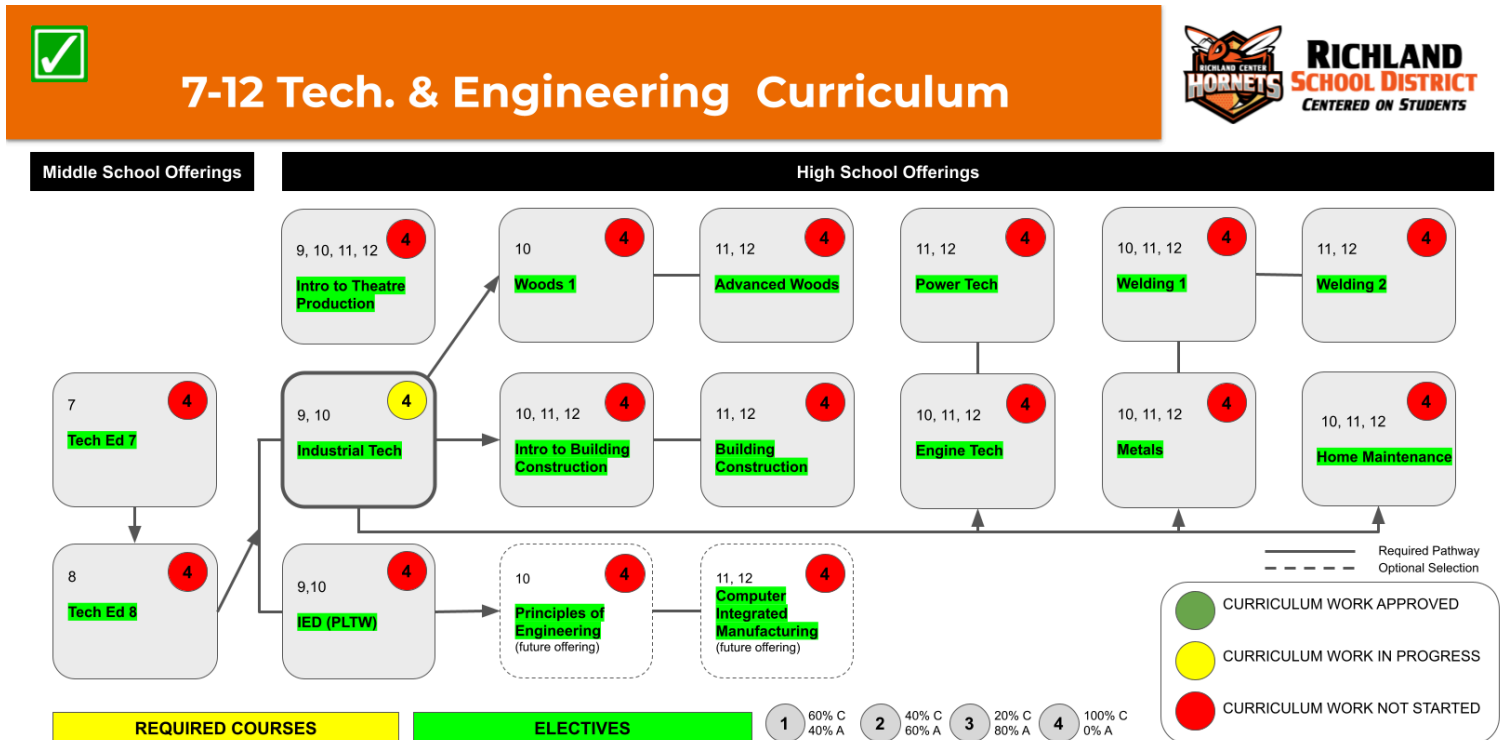
Open to: 11, 12

Tech Ed. – Cont.

7054 Applied STEM: Introduction to Renewable Energy

.50 credits for a full block class in a quarter.

This course uses project based learning to introduce students to a variety of renewable energy sources. Possible topics covered will include hydropower, wind, solar and geothermal energy. Students will use Whitebox, a web based STEM learning system to learn the engineering design process, which they then apply to build, analyze and simulate their own designs virtually. Students will use their virtual designs as a blueprint for their physical models.



WORLD LANGUAGES

6545/6546 Spanish I

.50 credits for a full block class in a quarter.

Open to: 9, 10, 11, or 12.

Equal emphasis is on oral and written accuracy. Students progress from simple greetings and conversations to more complex self-expression. Student participation through coursework, games, music, videos, and conversation will provide a solid foundation to learning the language. Cultural activities will be based on the unit's country and will give students the opportunity to compare and contrast traditions of their own to those in each country.

6550/6551 Spanish II

.50 credits for a full block class in a quarter.
Open to: 9, 10, 11, or 12.

Students use their first-level knowledge of Spanish to expand into more complex conversations and reading. Conversation practice is used so students develop skills for use in language immersion situations. More countries and their cultures will be introduced to students for comparison and students will be encouraged to join the Spanish club to travel to these countries.

6555/6556 Spanish III

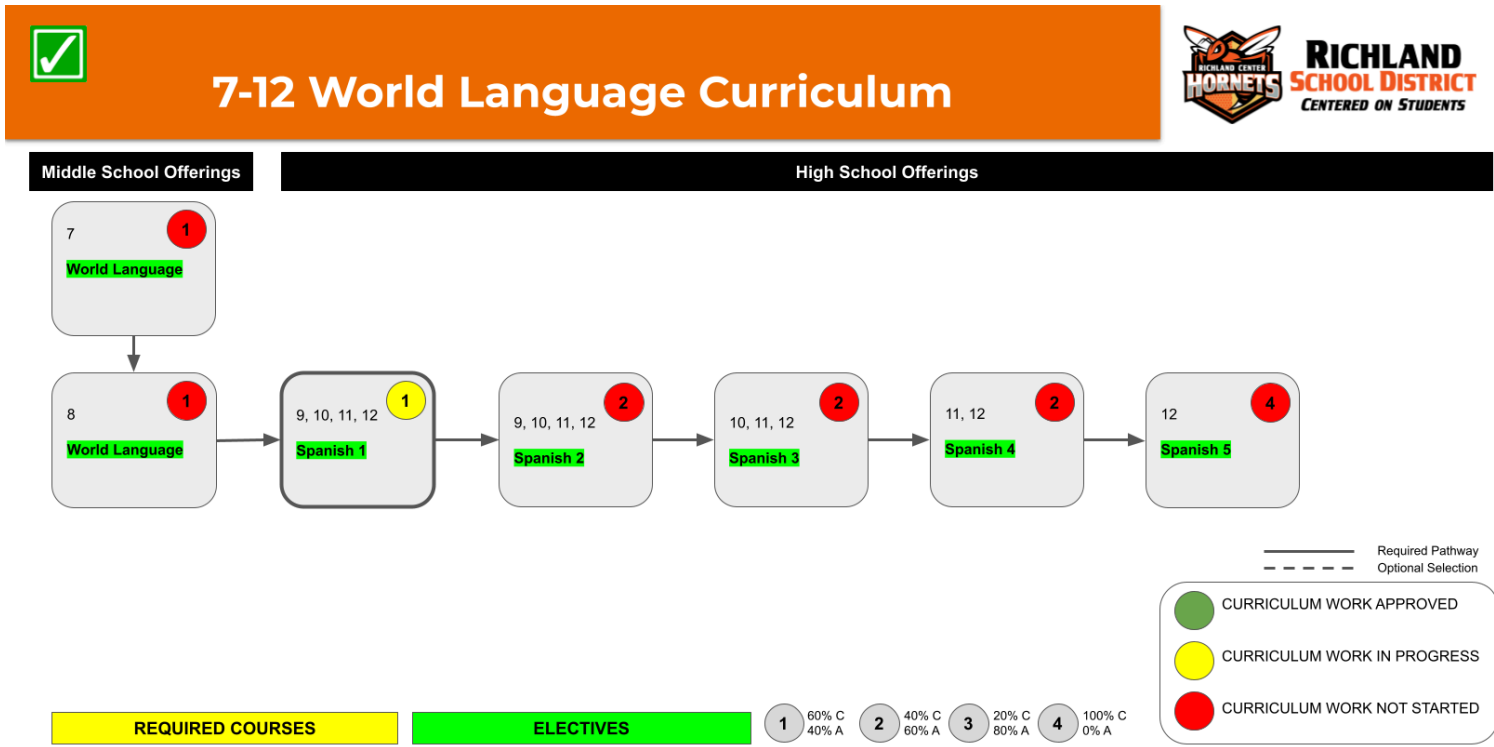
.50 credits for a full block class in a quarter.
Open to: 10, 11, or 12.

The students will start to converse more easily on a variety of topics during classroom discussion. They will continue studying language structures and read a novel to bridge the gap between basic language study and literature. The use of video and authentic materials expands comprehension and appreciation of Hispanic culture worldwide and in the U.S.

6560/6561 Spanish IV

.50 credits for a full block class in a quarter.
Open to: 11 or 12.

At this level, students are able to converse almost completely in Spanish and will continue to learn the language in a wide variety of materials from many different sources and be able to discuss their experiences comfortably in Spanish. Advanced grammar concepts are studied to be used when studying a novel to help increase understanding of native Spanish. Students will also have exposure to an immersive environment to connect with our Spanish-speaking community.



Additional Classes/Programs

GEDO 2 Program

The GED Option #2 (GEDO #2) Program allows authorized school districts to use the GED test battery to measure proficiency in lieu of high school credit. A student who passes the GED tests and completes the other requirements for graduation is entitled to the traditional high school diploma. Students eligible for the GEDO #2 program must fit a number of criteria, including, but not limited to: be at least 17.5 years old; be a senior; are at least one year behind their peers in credits; demonstrate the ability to read at or above the 9th grade level. School districts must maintain an 80% graduation rate of those students admitted to the program in order to offer the program the following year.

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://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp

School Age Parent Program

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.

Early College Credit Plan Program

Open to 10, 11, 12

Eligible students may take courses at colleges and receive both high school and college or technical college credits. The college credits are weighted as advanced placement credits as approved by the school board.. Application deadlines are October 1 for second semester and March 1 for first semester. Interested students should meet with their guidance counselor for course opportunities and credit.

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 ensure 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.

Summer School

Open to: 9,10,11,12

Must be enrolled in Richland School District

- Summer Strength & Conditioning .25/.5 credit
- Recovery English .5 credit
- Recovery History .5 credit
- Recovery Math .5 credit
- Recovery Science .5 credit

Transcripted Credit

This provides opportunities for students to earn dual credit from both RCHS and Southwest Technical College. Accounting qualifies as Transcripted credit courses with Southwest Technical College. Other courses may qualify for transcripted credit as approved.

Youth Apprenticeship

Open to: 11, 12

Opportunity to learn skills based jobs while earning college and high school credit. Student may be released for work when approved by CESA 3 Youth Apprenticeship Advisor and take college course but student must complete 450 hours of work per year in a career path they are pursuing (summer may be included to finish hours)

5316 Certified Nursing Assistant YA

5320 Work Study YA

7011 OSHA Certification

Through Southwest Technical College

1. Lab Science Tech Program
One and Done for 16 Credits
2. Transcripted Credit Agreement
*Accounting = 4 Credits
Accounting 1 10-101-111

**RCHS uses XELLO as the official Career Exploration and Assessment Tool for students.
Access this program through the RSD website, under the Student Section.**

