

Roncalli High School



**Educational
Guide**

2011 - 2012

**2000 Mirro Drive
Manitowoc, WI 54220
920-682-8801**

Roncalli High School Mission Statement

Roncalli High School is a Christian learning
community educating the whole person
in the Catholic tradition,
emphasizing academic and
spiritual growth.

RONCALLI HIGH SCHOOL

GRADUATION REQUIREMENTS

Department	Required for Graduation	UW System Minimum Entrance Requirements
English	4	4
Religion	4	-
Mathematics	3	3 (4 recommended)
Science	3	3 (Chemistry recommended)
Social Studies	3	3
Physical Education	1.5	-
Health	.5 (if not taken in 7 th or 8 th grade)	-
Technology	.5	-
Fine Arts	.5	-
Modern Language	(highly recommended)	Highly recommended (2 required at Eau Claire and Madison)
Electives	8	4
Total Credits	28	17

Required Classes:

- **English** – English 9, English 10, English 11, English 12 or AP English
- **Religion** – Religion 9, Religion 10, Religion 11, Religion 12
- **Math** –
 - Pre-Algebra, Algebra/Algebra Essentials, any Geometry
 - Algebra/Algebra Essentials, any Geometry, 2nd year Algebra/AAT/HAAT
 - Geometry/Honors Geometry, AAT/HAAT, Pre-Calculus/HPC
- **Science** – Foundations of Science, Biology
- **Social Studies** – World History, American History, Government, Economics
- **Technology** – Technology Survey
- **Physical Education** – Physical Education 9, Physical Education 10

Art

Fundamentals of 2-D Art

Elective

Length: One semester

Prerequisites: None

Grade: 9, 10, 11, 12

Fulfills Fine Arts requirement

Credit: .5

This is a general course introducing the fundamentals of creative expression. Emphasis will be on the understanding and application of basic design elements and principles, composition, techniques, and media in a two dimensional format. This will include work in drawing, painting, design, graphic design, and printmaking. A weekly sketchbook assignment reinforces in-class areas of student as well as encouraging student creativity.

Fundamentals of 3-D Art

Elective

Length: One semester

Prerequisites: None

Grade: 9, 10, 11, 12

Fulfills Fine Arts requirement

Credit: .5

This is a general course introducing the fundamentals of creative expression. Emphasis will be on the understanding of basic design elements and principles, composition, techniques, and media in a three dimensional format. This will include work in relief, ceramics, assemblage, and subtractive sculpture. In each area, problem solving activities and use of basic tools and materials give students growth in life skills.

Architectural Drawing

Elective

Length: Two semesters

Prerequisites: None

Grade: 10, 11, 12

Fulfills Fine Arts requirement

Credit: .5 per semester

In this two semester course, students will discover what it is like to be an architect by studying the story of architecture, including history, architectural studies, the forms of architecture, and the occupations of architects and builders. Emphasis will be placed on drawing and studying blueprints.

Ceramics and Sculpture

Elective

Length: One semester

Prerequisites: A or B in Fundamentals of 3-D Art

Grade: 10, 11, 12

Fulfills Fine Arts requirement

Credit: .5

This course further explores the art of sculpture and three-dimensional design, as introduced in Fundamentals of 3-D Art. Areas to be studied include advanced units in ceramics and glazes, the use of a potter's wheel, soft sculpture, enameling, and an introduction to the jewelry making process.

Drawing

Elective

Length: One semester

Prerequisites: Fundamentals of 2-D Art

Grade: 10, 11, 12

Fulfills Fine Arts requirement

Credit: .5

This course will further explore the variety of drawing techniques as introduced in Fundamentals of 2-D Art. An experimental approach to drawing media and methods will be taken as well as study of contemporary artists and designers. Creative drawing and visual thinking will be emphasized.

Painting

Elective

Length: One semester

Prerequisites: Fundamentals of 2-D Art

Grade: 10, 11, 12

Fulfills Fine Arts requirement

Credit: .5

This course will explore the variety of painting techniques as introduced in Fundamentals of 2-D Art. Media explored includes watercolor, acrylic, and oil on a variety of grounds. Emphasis will be on creativity and experimentation. The works of contemporary painters will also be studied as well as matting and framing techniques.

Graphic Design and Publication

Elective

Length: One semester

Grade: 11, 12

Fulfills Fine Arts requirement

Credit: .5

Graphic Design and Publication will prepare the student to enter the job market with minimal skills in advertising design, cartooning, contemporary hand lettering techniques, media arts, illustration, graphic design, web design, photography, layout, and window and bulletin board design. Through work on the school's yearbook, the student will learn writing and interviewing, advertising, sales and marketing, finance and budgeting, publishing, proofreading and time management. Field trips and community resource people will be utilized to make the experience relevant and meaningful.

Printmaking

Elective

Length: One semester

Prerequisites: Fundamentals of 2-D Art

Grade: 11, 12

Fulfills Fine Arts requirement

Credit: .5

Printmaking will explore the four basic methods of making original prints. This will include work in planographic (lithography), relief (wood engraving, lino cut), intaglio (etching), stencil (screen printing), and the monoprint. Each method will stress design elements and principles to create motifs that express personal interests and strong compositions.

Honors Art

Elective

Length: One semester

Prerequisites: Fundamentals of 2-D Art/Instructor permission
or Fundamentals of 3-D Art

Grade: 12

Fulfills Fine Arts requirement

Credit: .5 per semester

Honors Art provides an opportunity for the student planning to pursue an art career to study in depth the following areas: design; drawing; painting; graphic art; architecture; ceramics; and visual communication. The course is designed to direct the student to initiate self-planned programs complete with goals and objectives. A balance between formal instruction and independent study will be maintained.

Senior Art: The Basics

Elective

Length: One semester

Prerequisites: None

Grade: 12

Fulfills Fine Arts requirement

Credit: .5

Have you ever wanted to draw a picture but feel your skills are just not there? Do you have trouble knowing what colors look good together? Do you know which is the best glue for putting that broken mug back together? Do you avoid going to art shows and galleries because you don't know a van Gogh from a Lichtenstein? Well this class may be for you. Senior Art is an introductory course on the "basics" of art. What it is, why people do it, and what it does for us. Real life is filled with everyday art decisions you may not be equipped to answer. This class will help.

Art Outreach

Elective

Length: One semester

Prerequisites: Fundamentals of 2-D and 3-D Art

Grade: 12

Fulfills Fine Arts requirements

Credit: .5

This course provides senior art students an opportunity to share their talents with others by not only creating a body of work suitable for the Senior Art Exhibit, but also by and designing exciting art lessons for the elementary aged students of Roncalli's feeder schools. This course is designed to direct the student to work independently and as members of a group. Emphasis will be on sharing one love of art with others. The students will also be responsible for the planning and execution of an Elementary Art Exhibit to be held at Roncalli during March in cooperation with the national youth art month celebration

Business / Technology

Technology Survey

Freshmen Requirement

Grade: 9

Length: One semester

Prerequisites: None

Credit: .5

In this introductory course, students will become familiar with computer vocabulary, polish keyboarding skills, and learn to work with basic computer applications such as a word processor, spreadsheet, and presentation software.

Software Applications

Elective

Grade: 9, 10, 11, 12

Length: One semester

Prerequisites: Technology Survey

Credit: .5

This course expands on the general concepts studied in Technology Survey. Students will compare/contrast features of major software suites such as Microsoft Office and Corel WordPerfect. Students will work more intensely with word processing, spreadsheet and database applications.

Computer Architecture

Elective

Grade: 10, 11, 12

Length: One semester

Prerequisites: Technology Survey

Credit: .5

Students will learn how to diagnose simple computer problems, install hardware, upgrade memory, and gain an understanding of the hardware components as they work in harmony within the system.

Multimedia Techniques

Elective

Grade: 10, 11, 12

Length: One semester

Prerequisites: Technology Survey, Software Applications

Credit: .5

Students learn the basics of multimedia software and hardware. Topics that will be included are creating multimedia presentations, scanning/editing photographs, video editing and working with digital images.

Computer Languages

Elective

Grade: 10, 11, 12

Length: One semester

Prerequisites: Technology Survey, Software Applications

Credit: .5

Students will explore computer languages such as HTML, Java, Java Script, and C that are used in the production of web pages, computer programs, and graphic animation/creation.

Introduction to Business

Elective

Grade 11, 12

Length: One Semesters

Credit: .5

Prerequisites: None

Students will use “Big Ideas” for a course that will cover several business-related topics for students in the 11th and 12th grades. These ideas follow Wisconsin’s Model Academic Standards for Business. This course will provide a solid foundation of knowledge in a variety of business-related topics. These include the basic principles of accounting, personal finance, business procedures, marketing in a global economy, entrepreneurship, business ethics and law, proprietorships, partnerships and corporations.

Study Skills*

Elective

Grade 9. 10. 11. 12

Length: One or Two Semesters

Credit: .5 per semester

This course is designed for those students who struggle academically and need some extra help in keeping up with their classes. A teacher will work with student on various subjects according to need. This class is usually limited to 6 students. Students are carefully selected for this class following a review of their file as well as a meeting with parent/guardian, the Learning Needs Coordinator and the Guidance Counselor.

English

English 9

Freshmen requirement
Length: Two semesters
Prerequisites: None

Grade: 9
Fulfills English graduation requirement
Credit: .5 per semester

The reading of nonfiction, short stories, novels, drama and poetry will highlight literary study. This course concentrates on grammar, vocabulary development, writing, and speaking skills. These skills are applied and integrated in the reading of literary selections. Writing expectations are journaling, structuring varied and effective sentences, creating coherent paragraphs, and developing logical formal essays which include the descriptive and the personal essay. Speaking includes an overview of the process of communication, interviewing, and informative speeches.

English 10

Sophomore requirement
Length: Two semesters
Prerequisites: None

Grade: 10
Fulfills English graduation requirement
Credit: .5 per semester

American Literature and Composition is a required writing-intensive course which introduces students to early American literature from the pre-colonial era to the twentieth century. This integrated reading, writing, and speaking course focuses on American literature as the context for developing literary skills and appreciations which are then expressed in quality writing and speaking. Writing expectations include the autobiography, persuasive essay, comparative essay, and informative essays. Both informative and persuasive speeches are part of the course work.

English 11

Junior requirement
Length: Two semesters
Prerequisites: None

Grade: 11
Fulfills English graduation requirement
Credit: .5 per semester

British/World Literature Survey is full year course designed for student to read selection from British and European literature. Emphasis is on viewing literature in its social, political, and historical perspective and analyzing, interpreting, and responding to literature. Active participation in class discussion, literary analysis essays, and research report will be required.

English 12

Senior requirement
Length: Two semesters
Prerequisites: none

Grade 12
Fulfills English Graduation requirement
Credit: .5 per semester

This full-year integrated senior English course is designed to help students become skilled readers and writers. Reading materials will be selected from both classic and contemporary plays, poetry, essayists, short stories, and novels. This course will include the writing of a variety of academic essays including a critical analysis, critical review, an investigative report, and creative writing.

Advanced Placement English

Elective

Grade: 12

Length: Two semesters
Prerequisites: Teacher Signature

Fulfills English graduation requirement
Credit: .5 per semester

In place of Senior English, seniors may take Advance Placement English. This two semester advanced placement course engages college-bound seniors in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Expository, analytical, and argumentative writing are required. The course is very demanding and has the same writing and reading expectations as a university. Students are strongly encouraged to take the AP exam when it is offered in May

Expository and Creative Writing

Elective

Grade: 11,12

Length: One semester

Prerequisites: None

Credit: .5 per

This writing course is designed to increase the student's ability to communicate effectively through the written word. Students will be taught various techniques to make their writing clear, interesting, and concise. The first 9 weeks will be devoted to expository writing with the focus on developing a strong and attention-getting opening paragraph that introduces the topic, body paragraphs that support the topic with details, explanations and examples and a closing paragraph that succinctly wraps up the essay.

Creative writing is the emphasis of the second nine weeks. Students will be taught how to develop plot, character, and setting in a story as well as how to write and punctuate dialog. Students will write an incident narrative, a descriptive essay, and a short story.

Public Speaking

Elective

Grade: 11, 12

Length: One semester

Prerequisites:

Credit: .5

Principles of effective public speaking, with emphasis on preparing and delivering well-organized, logical, and persuasive arguments. This is a laboratory type student participation course with emphasis on learning-by-doing. Includes informative and persuasive speeches, panel discussion, and impromptu speeches.

University Reading Seminar

Elective

Grade: 12

Length: One or Two semesters

Credit: .5 semester

University Reading Seminar is a guided reading course designed to expose college-bound senior to classic and award winning literature as well as current and classic nonfiction of the type that they will be required to read in college. Students will read approximately one book per month and be prepared to discuss the book, in depth, with both the instructor and peers. In addition, students will be required to complete a writing assignment for each book read, the purpose of which is to give them experience in the kind of writing that will be required of them in college

Family & Consumer Education CSI (Consumer Sciences Investigation)

Elective

Length: One semester

Prerequisites: None

Grade: 9

First semester course

Credit: .5

This course is designed to introduce students to the realm of Family and Consumer Education (FACE). The course provides students the opportunity to learn essential life skills by allowing them to develop skills in food and nutrition, basic sewing, consumerism, family relationships and personal responsibility.

Foods 1

Elective

Length: One semester

Prerequisites: None

Grade: 10, 11, 12

First or Second semester course

Credit: .5

Make eating an adventure! Travel around the world and through the United States with food as your guide. Explore the psychology of food and why you eat the way you do. By focusing on basic kitchen skills, you will gain an understanding about the science of food. Proper preparation knowledge will be developed through labs that cover global and regional dishes, with an emphasis on basic kitchen skills. Creativity is encouraged through units covering cake decorating and a Chili cook-off.

Foods 2

Elective

Length: One semester

Prerequisites: Foods 1

Grade: 10, 11, 12

Second semester course

Credit: .5

Be an artist in the kitchen! Express your creativity with food preparation and service. Entertain with style. Study meal planning for different occasions, learn proper food service techniques, discover gourmet and microwave cooking. Make elegant desserts, bake yeast bread, and prepare complete meals. Show off your skills in a pie baking contest. This course will prepare you for cooking as a relaxing hobby or for employment in a food related job..

Child Development and Parenting

Elective

Length: Second semester

Prerequisites: None

Grade: 10, 11, 12

Credit: .5

The purpose of this course is to help students acquire an understanding of human growth and development, learn child psychology, develop skills in positive discipline, evaluate various parenting methods, and follow the physical, intellectual, and social development of children from conception to school age. Learning the history and theories of experts in the development area helps a student to work with and to nurture children in both their personal lives and in their careers. Toddlers and pre-schoolers will be observed and guided during a nursery school experience planned by the students. Anyone considering a career which involves children, who baby-sits, or who wants to someday be a parent should consider this course.

Nutrition and Fitness

Elective

Length: First semester

Prerequisites: None

Grade: 11, 12

Fulfills Phy Ed requirement

Credit: .5

Mix food with physical fitness as you study the significance of lifestyle on your health, athletic performance, and weight maintenance. The class will help students attain practical fitness and nutrition goals and apply healthy food choices to snacking, home cooking, and eating out. Assume control and responsibility for living a long and healthy life. Experience a variety of fitness and cooking experiences. Develop your optimum level of physical fitness as we explore fitness concepts and prepare food to enhance body composition. Classes will alternate between studies and experiences with nutrition topics and participation in fitness workouts.

Family and Consumer Education Survey

Elective

Grade: 12

Length: Second semester

Prerequisites: None

Credit: .5

This course allows students interested in specific areas of Home Economics to design units that meet their individual needs and talents. It allows the student with little or no experience to study a variety of subject areas in one semester, yet it provides the student having experience with in-depth, advanced study opportunity. The student will choose from an extensive list of study areas. Coursework includes a service project, to be determined by the instructor.

Sewing 102, Sewing 102

Elective

Grade: 9, 10, 11, 12

Length: Second semester

Prerequisites: None

Credit: .5

Offered in the 2012-2013 school year

Learn to sew! This course is designed for any sewing ability with the student planning the units he/she will complete from patterns, kits or original designs. Sewing can be a hobby, a way to save money, a part-time business or a creative career. Have fun with a sewing machine and hand stitching needle. Any project using thread, fabric or stitching may be constructed. Projects to be made could include: duffle luggage, quilts, sportswear, home furnishings, stuffed animals, sew for children, makes clothes for school or formal occasions. Learn to needlepoint, embroider, cross stitch, stencil, patchwork, quilt and more.

Interior Design

Elective

Grade: 10, 11, 12

Length: Second semester

Prerequisites: None

Credit: .5

Offered in the 2011-2012 school year

After studying the elements of basic design--color, line, balance, rhythm, proportion, and harmony—the student will learn how to apply the elements of design to clothing, buildings, and home furnishings. Fashion design and merchandizing would include designing of original garments for specific body types and occasions and analysis of fashion merchandizing techniques. Home and interior design would include architecture, floor planning, and interior decorating principles.

Career and Life

Grade: 12

Length: One semester

Prerequisites: None

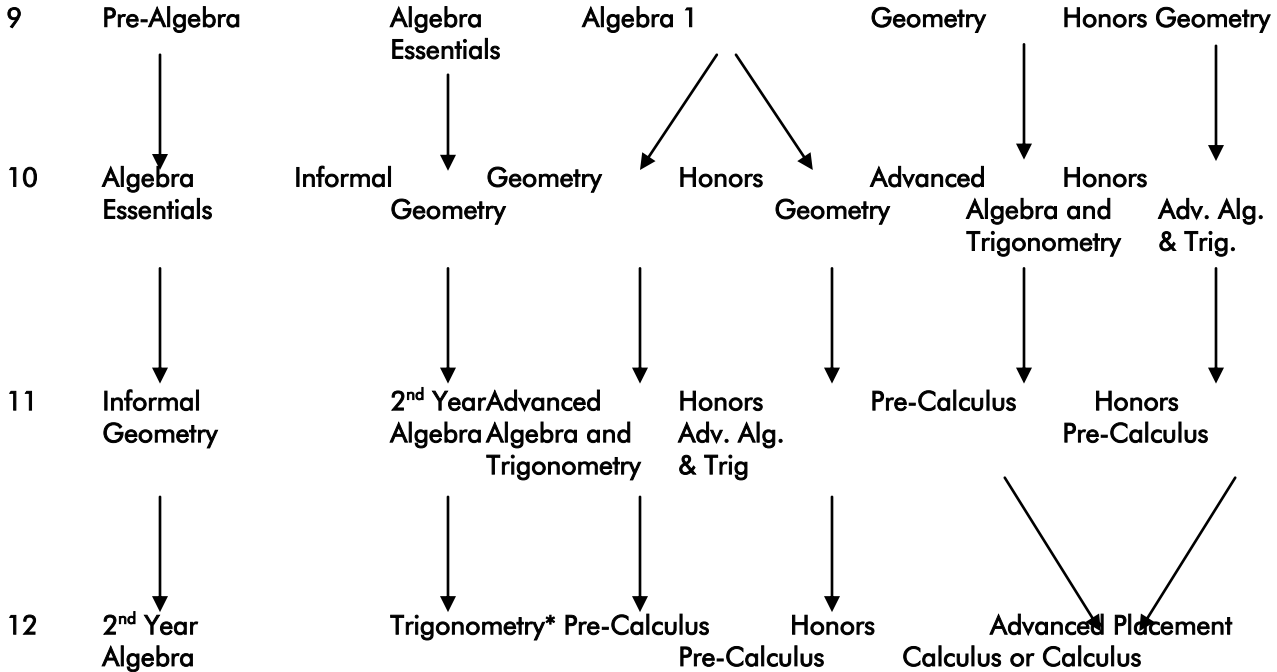
Credit: .5

This course covers all aspects of personal finance and prepares the student for independent living after high school. In the semester course, students prepare for being on their own by exploring and practicing skills necessary to live independently. Setting goals, discovering career choices, examining how to choose, find and keep a job; including skills in writing a resume and interviewing for a job are part of the course. Students will also learn how to choose checking account, make sensible choices concerning insurance and loans, find an apartment, shop for a car and develop workable financial skills for living successfully on their own.

Mathematics

Mathematics Sequence of Study:

Grade Courses



- Available at the Junior and Senior level is a one semester course in **Probability and Statistics** for ½ credit
- Trigonometry is a ½ credit course

All mathematics students will learn to communicate mathematically through the use of journals and written assignments. Graphing calculators and computers are technological tools that will be used to help students gain a deeper understanding of the concepts being taught in each mathematics course.

An Honors Mathematics Program is available to qualifying students. To continue in the program, a minimum of a “B” average must be maintained each year. Student eligibility will be evaluated at the completion of each semester. All courses in the Honors sequence require teacher approval. Students in the Honors Mathematics Program are required to attend math meets.

Pre-Algebra

Elective
 Length: Two semesters
 Prerequisites: Placement by Mathematics Department

Grade: 9
 Fulfills Math graduation requirement
 Credit: .5 per semester

Pre-Algebra is a course designed to help students make the transition from Arithmetic to Algebra. Students will explore algebraic concepts in an informal way to build a foundation for a subsequent formal study of Algebra. Topics included in the course are integers, solving basic equations and inequalities, fraction and decimal operations, percent, probability and statistics, and area and volume. A number of problem solving strategies will be discussed and applied to real life problems. Students will be introduced to the appropriate use of technology.

Algebra Essentials

Elective
 Length: Two semesters
 Prerequisites: Placement by Mathematics Department

Grade: 9, 10
 Fulfills Math graduation requirement
 Credit: .5 per semester

Algebra Essentials is an extension of arithmetic in which the fundamental operations are applied to positive and negative numbers and algebraic expressions. The student learns to factor, apply arithmetic operations to polynomials, graph, and solve equations and inequalities and will be introduced to the appropriate use of technology. These topics are further examined through real world applications.

Algebra 1

Elective
 Length: Two semesters
 Prerequisites: Placement by Mathematics Department

Grade: 9, 10
 Fulfills Math graduation requirement
 Credit: .5 per semester

In Algebra 1, real numbers and their properties are studied as they apply to such topics as solving linear equations and inequalities and systems of equations in two variables. Arithmetic operations are applied to polynomials and rational expressions. Factoring of polynomials, functions and their graphs, and radicals are also studied. Emphasis is placed on real world applications and the appropriate use of technology throughout the course.

Informal Geometry

Elective
 Length: Two semesters
 Prerequisites: Algebra Essentials

Grade: 10, 11
 Fulfills Math graduation requirement
 Credit: .5 per semester

Informal geometry introduces a student to a practical understanding of geometry and how it relates to real life. The course emphasizes intuitive development rather than formal two-column proofs, however some proofs are written. Students explore, experiment, and discover geometric concepts through a variety of construction and measurement activities and other practical exercises. Algebraic principles are applied to geometric concepts throughout the course.

Geometry

Elective

Length: Two semesters

Prerequisites: Algebra Essentials or Algebra I
and recommendation of mathematics teacher

Grade: 9, 10

Fulfills Math graduation requirement

Credit: .5 per semester

This course is devoted to plane geometry with short introductions to solid geometry and coordinate plane geometry. Logical thinking is used to help students understand proofs and the writing of proofs. Students are encouraged to make generalizations based on observations. Algebra is integrated throughout the course. Students learn relationships between geometric figures and how to solve problems concerning them. Emphasis is placed on real world applications throughout the course.

Honors Geometry

Elective

Length: Two semesters

Prerequisites: "A" average in Algebra 1 and recommendation
of mathematics teacher

Grade: 9, 10

Fulfills Math graduation requirement

Credit: .5 per semester

This is the first course in the Honors Mathematics program. The course covers the same material as taught in Geometry, but in greater depth. Supplemental topics such as symmetry and vectors, solids and their volumes, and transformations may be taught.

2nd Year Algebra

Elective

Length: Two semesters

Prerequisites: Successful completion of an Algebra
and Geometry course and recommendation of
mathematics teacher

Grade: 11, 12

Fulfills Math graduation requirement

Credit: .5 per semester

The material covered is similar to the algebraic portion of Advanced Algebra and Trigonometry. Application problems are used to connect topics to the real world. It is intended for students who have taken Algebra Essentials or those who need the Algebra 1 concepts strengthened and expanded.

Advanced Algebra and Trigonometry

Elective

Length: Two semesters

Prerequisites: Successful completion of an Algebra and
Geometry course and recommendation of
mathematics teacher

Grade: 10, 11

Fulfills Math graduation requirement

Credit: .5 per semester

This course continues the development and understanding of concepts taught in Algebra 1 with special emphasis on polynomial functions and relations; rational and irrational expressions; systems of equations; the conic sections; exponents and logarithms. Throughout the course emphasis is placed on technology as a means to solving problems. Approximately three quarters are spent on the above topics and the remaining quarter on trigonometric and circular functions and relations.

Honors Advanced Algebra and Trigonometry

Elective

Length: Two semesters

Prerequisites: "B" average or better in Honors Geometry or "A" average in Geometry with teacher's recommendation

Grade: 10, 11

Fulfills Math graduation requirement

Credit: .5 per semester

This is the second course in the Honors Mathematics Program. The course covers the same material as is taught in Advanced Algebra and Trigonometry, but in greater depth. Supplemental topics may include matrix applications, applications in science and technology, as well as advanced topics in trigonometry.

Pre-Calculus

Elective

Length: Two semesters

Prerequisites: Successful completion of Algebra, Geometry, and Advanced Algebra and Trigonometry with teacher's recommendation

Grade: 11, 12

Fulfills Math graduation requirement

Credit: .5 per semester

This course is a preparation for calculus on the college level. The main topics include relations and functions; linear programming and matrices; the theory of equations and graphs; circular and trigonometric functions and relations; their graphs and inverses; vector analysis; sequences and series; exponential and logarithmic functions; probability and simple statistics; limits; and elementary differential and integral calculus. Emphasis is placed upon real world applications throughout the course. Appropriate use of technology is integrated in many lessons throughout the course.

Honors Pre-Calculus

Elective

Length: Two semesters

Prerequisites: "B" average or better in Honors Advanced Algebra and Trigonometry with teacher's recommendation

Grade: 11, 12

Fulfills Math graduation requirement

Credit: .5 per semester

This is the third course in the Honors Mathematics Program. The course covers the same material as is taught in Pre-Calculus, but in greater depth. Supplemental topics may include graph theory and its applications, matrices with real-life applications as well as several other discrete mathematics topics. The use of technology is integrated throughout the course.

Advanced Placement Calculus

Elective

Length: Two semesters

Prerequisites: Placement by Mathematics Department

Grade: 12

Fulfills Math graduation requirement

Credit: .5 per semester

This course is divided into three major sections: elementary functions including the properties and limits of algebraic, trigonometric, exponential and logarithmic functions; differential calculus including the derivative and its applications; and integral calculus including antiderivatives, applications of antiderivatives and techniques of integration, and the definite integral and its applications. Students are strongly encouraged to take the Advanced Placement examination for college credit.

Calculus

Elective
 Length: Two semesters
 Prerequisites: Placement by Mathematics Department

Grade: 12
 Fulfills Math graduation requirement
 Credit: .5 per semester

This course is similar to Advanced Placement Calculus. The topics covered will be the same however, the depth of the topics will differ and students will not be expected to take the Advanced Placement examination for college credit.

Probability and Statistics

Elective
 Length: One semester
 Prerequisites: Successful completion of Algebra and Geometry

Grade: 11, 12
 Fulfills Math graduation requirement
 Credit: .5 per semester

Statistics are used in almost all fields of everyday life. It is the purpose of this one semester course to educate the student to be knowledgeable about the vocabulary, concepts and procedures of statistics. Topics covered will include frequency distributions and graphs, data description (measures of central tendency), and counting techniques (permutations and combinations). In addition to being used in games of chance, probability theory is used in the fields of insurance, investments and weather forecasting as well as in other areas. The basic concepts of probability will be explained. These concepts include probability experiments, samples spaces, the addition and multiplication rules for probability and the probabilities of complementary events. Student will use appropriate technology throughout the course.

Trigonometry

Elective
 Length: One semester
 Prerequisites: Completion of 2nd Year Algebra
 and teacher recommendation

Grade: 12
 Fulfills Math graduation requirement
 Credit: .5

Trigonometry is a one semester course. Students will learn trigonometric skills and concepts. This course is the study of measures associated with right and non-right triangles. Trigonometric functions relating to real world applications are studied. Topics included are trigonometric functions, their graphs and inverses, solving right and non-right triangles, circular functions and trigonometric identities.

Modern Language

German 1	Spanish 1
German 2	Spanish 2
German 3	Spanish 3
German 4	Spanish 4
	Spanish 5

Elective Grade: 9, 10, 11, 12
 Length: Two semesters
 Prerequisites: All courses are sequential/teacher signature required Credit: .5 per semester

The overall objective of the Modern Language Department is to provide the college-bound student, the future traveler, the foreign exchange students, the potential business traveler or diplomat, or any student of language, with a firm foundation in the listening, speaking, writing, and reading skills upon which further language study can take place.

- Year 1: A basic course which offers an introduction to the language being studied including sentence patterns, everyday vocabulary, functional grammar, and appropriate pronunciation.
- Year 2: A follow-up of first year language study with a wider range of situations and experiences in speaking and listening as well as additional vocabulary. Grammar receives greater stress.
- Year 3: An extension of skills and information previously acquired with greater emphasis on fluency and grammatical correctness.
- Year 4: Further development of all four language skills with emphasis on increasing vocabulary and reading skills. Study of basic grammatical concepts completed.
- Year 5: Emphasis on communication skills; oral reports and introduction to important characters and themes of the literature; a review of more difficult grammatical usage and its extension to other structures as a preparation for further language study.

Language is clearly tied to the way people think and act. Therefore, much emphasis is placed on culture through:

- Viewing of films, slides and videos
- Working with recordings of native speakers at authentic speed
- Opportunities for travel to target countries
- Foreign pen pals and email contacts
- Preparation of foreign meals or visits to restaurants
- Guest lecturers and work with exchange students
- Reading and listening to literary selections
- Projects on customs, dress, and places of interest where the language is spoken

Any student having studied a modern language during seventh and eighth grade with a cumulative grade of "A" or "B" will ordinarily be placed in the second year of language study at Roncalli High School.

Music/Fine Arts

Mixed Choir

Elective

Length: Two semesters

Prerequisites: None

Grade: 9,

Fulfills Fine Arts graduation requirement

Credit: .5 per semester

Mixed Choir is the entry level choir – open to freshman students. Its ultimate purpose is to perform a variety of excellent music and to develop the skills necessary to become a good musician. These skills include breath support and vocal production, sight singing, intonation, diction, and comprehension of musical terms and notation. The Mixed Choir participates in the Fall, Christmas, and Spring Concerts, as well as the Solo and Ensemble Contest and the District Choral Festival. Attendance at all concerts and the Choral Festival is required.

Concert Choir

Elective

Length: Two semesters

Prerequisites: None

Grade: 10, 11, 12

Fulfills Fine Arts graduation requirement

Credit: .5 per semester

Concert Choir is an advanced performing organization for sophomores, juniors, and seniors. It exposes students to the best of choral literature while continuing to develop the basic skills of musicianship. The individual's musical growth is the primary purpose of this course. Concert Choir members participate in the Fall, Christmas, and Spring Concerts, as well as the District Solo and Ensemble Contest and District Choral Festival. Attendance at all concerts and the Choral Festival is required.

Oratorio Choir

Elective

Length: Two semesters

Prerequisites: Audition

Grade: 11, 12

Fulfills Fine Arts graduation requirement

Credit: .5 semester

Oratorio choir is an audition only choir open primarily to juniors and seniors with rare exception for a maximum of 40 members. The music for this group is of an advanced nature including some of the major works from the 17th Century thru present day. Singers will be expected to be proficient at sight reading, notation, and interpretation of a musical score. Oratorio Choir members participate in the Fall, Christmas, and Spring Concerts, the Madrigal Dinner, as well as the Solo and Ensemble Contest and District Choral Festival. Attendance at all Concerts and the Choral Festival is required.

Beginning Band

Elective

Length: Two semesters

Prerequisites: None

Grade: 9, 10, 11, 12

Fulfills Fine Arts graduation requirement

Credit: .5 per semester

Beginning Band is open to students interested in instrumental music. The goal of this program is to progress as quickly as possible so that students are ready to be a member of the performing organizations. Students in Beginning Band meet with the instructor once a week for a private lesson, and use the other days for practice during that block. The instructor is available to meet with the student during practice times.

Music Theory and Composition

Elective

Grade: 11, 12

Length: One or Two semesters
Prerequisites: Consent of a music instructor

Fulfills Fine Arts graduation requirement
Credit: .5 per semester

Music Theory and Composition is a course designed to help the individual student develop their creativity through a greater understanding of music theory. Students will be guided as individuals, based on their individual ability, through the process by using a computer to learn theory and compose music. This course may be taken multiple times with the student applying prior knowledge gained from previous experience. This course is project based. It is recommended that students participate in a school music ensemble while enrolled in this course.

Concert Band

Elective
Length: Two semesters
Prerequisites: Prior band experience
or Beginning Band/Teacher
signature required

Grade: 9, 10, 11, 12
Fulfills Fine Arts graduation requirement
Credit: .5 per semester

Concert Band is the instrumental performing organization on campus whose purpose is to provide the instrumentalist the opportunity to develop as a musician. Concert Band achieves this goal through performing activities including Marching Band, Pep Band, Solo and Ensemble activities, District Band Festival, and Concert Band. In all of these ensembles, students are exposed to music and composers of the highest caliber. Music history and theory are integrated into classroom instruction. Attendance at marching performances, Graduation, District Concert Festival, and all concerts is required. Students are expected to attend a weekly lesson with the instructor.

Survey of Film and Theater Arts

Elective
Length: One semester
Prerequisites: None

Grade: 11, 12
Fulfills Fine Arts graduation requirement
Credit: .5

This course will enable students to become critical viewers of film and theater by familiarizing the students with the technical and literary elements of both media. Students will also read several major works. Literary analysis, technical aspects of theater, film discussion, history, and analysis will also be studied. Written essays, critical reviews, and oral interpretation are stressed. This course does not fulfill English graduation requirement.

Foundations of Music History

Elective
Length: One semester
Prerequisites: None

Grade: 10, 11, 12
Fulfills Fine Arts graduation requirement
Credit: .5

This course will give the students knowledge of music history from the ancient Greeks all the way to modern times. Students will learn how music and society have changed over the course of recorded history through classroom readings, activities, and written and listening assignments. Students will also choose a topic or composer in music history that they are interested in and present a research project to the class. This course is a non-performing music course.

Colorguard

Elective
Length: One semester (Fall)
Prerequisites: None

Grade: 9, 10, 11, 12
Fulfills Fine Arts graduation requirement
Credit: .5

Colorguard is the flag-corps of the marching band and is open to students who are not enrolled in Concert Band. The purpose of this course is to provide for students the experience of marching band who do not play an instrument. Colorguard contains elements of dance, drama, marching, and artistic freedom. Students will work with a choreographer and rehearse with the marching band. Students will have the opportunity to participate in the summer band program and any summer field trips. Attendance at all home football games, marching band concert, holiday parade, and one pep band performance is required.

Physical Education and Health

Physical Education 9

Freshmen Requirement
Length: One semester
Prerequisites: None

Grade: 9
Fulfills Phy. Ed. requirement
Credit: .5

This course introduces the student to a variety of team and individual sports, with emphasis on fundamental skills, fitness and conditioning, simple game strategy and sports knowledge. Units include soccer, flag football, basketball, softball, volleyball, weight training, wellness, badminton, pickleball, and fitness testing.

Physical Education 10

Sophomore Requirement
Length: One semester
Prerequisites: None

Grade: 10
Fulfills Phy. Ed. requirement
Credit: .5

This intermediate course emphasizes skills and techniques in the following units: basketball, volleyball, speedball, badminton, cross country skiing, floor hockey, pickleball, table tennis, weight training, wellness, and fitness testing.

Health

Graduation Requirement
Length: One semester
Prerequisites: None

Grade: 9, 10, 11, 12
Fulfills Health requirement
Credit: .5

The importance of health education has never been greater. Knowledge gained in health education affects attitudes and consequently behavior. The course focuses on the relationship that exists among physical, mental and social health. Our decisions affect all areas of health. Healthy decisions help students feel good about themselves, feel comfortable with others, and cope with the challenges of life. This course will cover such topics as disease, mental health, alcohol and drug abuse, nutrition, exercise, and stress. NOTE: If you have taken health in middle school (7th or 8th grade) you are not required to take health in high school. However you can take health as an elective

Nutrition and Fitness

Elective
Length: First semester
Prerequisites: None

Grade: 11, 12
Fulfills Phy. Ed. requirement
Credit: .5

Mix cooking with physical fitness as you study the significance of lifestyle on your health, athletic performance, and weight maintenance. The class will help students attain practical fitness and nutrition information and apply healthy food choices to snacking, home cooking, and eating out. Assume control and responsibility for living a long and healthy life. Experience a variety of fitness and cooking activities. Develop your optimum level of physical fitness as we explore fitness concepts and prepare food to enhance body composition. Classes will alternate between studies and experiences with nutrition topics and participation in fitness workouts.

Physical Education

Elective

Length: One semester

Prerequisites: None

Grade: 11, 12

Fulfills Phy. Ed. requirement

Credit: .5

An emphasis on “Lifetime Sports”, sportsmanship, team play and fitness. A variety of sports. Bowling, golf, ice skating will require an additional fee.

Student Athletic Trainer

Elective

Length: One semester

Prerequisites: Consent of Mr. Mueller

Grade: 11, 12

Fulfills Phy. Ed. Requirement

Credit: .5

This course provides students with knowledge, skills, and understanding for the prevention, treatment, and rehabilitation of injuries typically seen by Athletic Trainers. It will provide a foundation of basic human anatomy and physiology and provide the students with 1st Aid, CPR, and AED certification through the American Heart Association. It will also touch upon other disciplines such as nutrition, conditioning, and administration, while developing important organizational and leadership qualities.

Note:

Student athletes, having successfully completed Physical Education 9 and 10, and who participate in two WIAA sanctioned sports in each of two academic years, may earn a ½ credit of Physical Education to complete the graduation requirement. The student must be a full participant and finish the season in each sport and submit a form signed by the Athletic Director, verifying this information upon completion of each season. The form must then be submitted to the guidance office to be included on the student’s transcript. This option will be graded as pass/fail. Full participation and submission of the proper, signed forms, on time will insure a grade of “passing”.

Religious Studies

Religion 9

Freshmen requirement
 Length: Two semester
 Prerequisites: None

Grade: 9
 Fulfills Religious Studies requirement
 Credit: 1.0

This class examines what Catholic believe, studies sexual morality in the context of our religious belief and attempts to bring about a deeper understanding of Jesus Christ in the Gospels as well as our response to Jesus in the seven sacraments of the Church.

Religion 10

Sophomore Requirement
 Length: Two semester
 Prerequisites: None

Grade: 10
 Fulfills Religious Studies requirement
 Credit: 1.0

During their sophomore year, students will cover the topics of Theology of the Body and Social Justice. In Theology of the Body, students will consider the sacramental nature of our lives; particularly, how God's plan for humanity is revealed through our sexuality. Social Justice examines the social teaching of the Catholic Church, based on scripture.

Religion 11

Junior requirement
 LengthTwo semester
 Prerequisites: None

Grade: 11
 Fulfills Religious Studies requirement
 Credit: 1.0

Justice concentrates on what makes a just world and the Christian call to create that just world. Students will consider social issues that are personal and communal, local and global. Issues of prejudice, racism, poverty, hunger, marginalization and peacemaking will be explored. Catholic Social Teaching will provide the underlying principals of this course.

Church History will look at the significant events and important persons that have shaped the history and experience of the Roman Catholic Church.

Religion 12: Apologetaics

Senior requirement
 Length: One semester
 Prerequisites: None

Grade: 12
 Fulfills Religious Studies requirement
 Credits: .5

This course will help students come to a fuller understanding of the teachings of the Catholic Church in order to learn, live and love the Catholic faith. It will provide students with a clearer sense of how to answer questions regarding the Catholic faith.

Religion 12: Justice

Requirement

Length: One semester

Prerequisites: None

Grade: 12

Fulfills Religious Studies requirement

Credit: .5

Justice concentrates on what makes a just world and the Christian call to create that just world. Students will consider social issues that are personal and communal, local and global. Issues of prejudice, racism, poverty, hunger marginalizaion and peacemaking will be explored. Catholic Social Teaching will provide the underlying principals of this course.

Justice is required for all seniors who did not take the course during their junior year. Seniors who had justice during their junior year will choose a course from the Religious Studies electives.

Senior Theology

Elective

Length: One semesters

Prerequisites: None

Grade: 12

Fulfills Religious Studies requirement

Credit: .5 per semester

Senior Theology explores the origins of faith. The class examines the difference between theology, faith and religion to expose the true nature of God's plan for us. The primary text is "Meet the Living God." Other readings are also required.

Service and Spirituality

Elective

Length: One semester

Prerequisites: None

Grade: 11, 12

Fulfills Religious Studies requirement

Credit: .5

In Service and Spirituality, students will learn the true definition of "the common good" as well as the history of civic responsibility and the obligations of being a "participatory citizen." Studying documents of our Faith Fathers, our Nation's Founding Fathers and religious texts from other world religions, students will address the fundamental values and ideas shared by all in regard to service and civic responsibility. Students will gain a cursory understanding of the purpose, funding and operations of governmental and non-profit "Third Sector" groups who work in service of mankind. They will gain an appreciation for the impact that service groups make on our communities and will learn how to "jump-in" for themselves.

World Religions

Elective

Length: One semester

Prerequisites: None

Grade: 11, 12

Fulfills Religious Studies requirement

Credit: .5

This course is a survey course that invites the students to broaden their religious horizons by investigating the religious beliefs and practices of Judaism, Christianity, Islam, Hinduism, Buddhism, and the varied faiths of China and Japan. In an ever-changing world there is no better way to more fully understand our fellow human beings than by examining their religious values. Enrolling in this course will also enable the students to reflect on their own beliefs thereby giving deeper insight to a lifelong process. Projects, films, research projects, presentations, tests and quizzes are a part of class expectations. Active student participation is an important expectation of this class.

Science

Foundations of Science

Required: Freshmen

Length: Four Quarters

Prerequisites: None

Grade: 9

Fulfills Science graduation requirement

Credit: .25 per quarter

This course integrates the basic principles of physics, chemistry, biology and earth science. It is designed to acquaint the student with the major topics in each of these fields while emphasizing the supporting laboratory techniques used to study these topics. Students will apply the principles and skills they have mastered to attain a proficiency at processing science. This is essential to the success of further studies in the science.

Biology

Required

Length: Two semesters

Prerequisite: Foundations of Science or equivalent

Grade: 10, 11, 12

Fulfills Science graduation requirement

Credit: .5 per semester

This course is designed to be the introductory life science course in the high school science curriculum. Students will engage in discussions, laboratory activities, and various classroom activities to gain an understanding of the process of life science. Major topics and themes to be explored include: the molecular basis of heredity; the cellular basis of life; biological evolution; botany; zoology; human biology; and ecology. Technology will be integrated into all aspects of the curriculum.

Chemistry

Elective

Length: Two semesters

Prerequisites: Foundations of Science or equivalent

Grade: 10, 11, 12

Fulfills Science graduation requirement

Credit: .5 per semester

Chemistry is a laboratory based science course dealing with the structure of matter and the changes matter undergoes. This course stresses atomic theory, the periodic table, stoichiometry, chemical formulas and chemical reactions. Lab safety is a key component of this course.

Environmental Science

Elective

Length: Two semesters

Prerequisites: Biology

Grade: 11, 12

Fulfills Science graduation requirement

Credit: .5 per semester

Students will be introduced to the major ecological concepts and environmental issues that affect the world in which they live. They will learn about technological developments that have created environmental problems as well as technologies that are helping to solve them. Students will develop a personal environmental ethic that reflects an understanding of stewardship for the earth.

Human Biology

Elective

Grade: 11, 12

Length: Two semesters

Prerequisites: Biology

Chemistry recommended or at least concurrent

Fulfills Science graduation requirement

Credit: .5 per semester

Human Biology includes a detailed study of the structure and function of each of the systems of the human organism. The study of each of these systems is accompanied by extensive laboratory work including a very detailed anatomical study and physiological testing. Students will be using the latest technologies in data collection and analysis. This course is recommended for anyone wishing to pursue a career in a health related field. College credit is available through St. Mary's University of Minnesota.

Physics

Elective

Length: Two semesters

Prerequisites: Foundations of Science or equivalent and
Geometry

Grade: 10, 11, 12

Fulfills Science graduation requirement

Credit: .5 per semester

Physics is a fundamental natural science course designed to create a greater understanding of the concepts and physical laws associated with matter and energy and the interaction of the two. As such, physics is fundamental to all sciences. The course is presented in the traditional physics field of mechanics, thermal physics, electricity and magnetism, wave physics/optics, and modern physics. Topic overviews, laboratory investigations and numerous quantitative problems are used to help the student understand, analyze and apply the concepts of physics.

Advance Placement Biology (12-13)

Elective

Length: Two semesters

Prerequisites: Biology

Grade: 11, 12

Fulfills Science graduation requirement

Credit: 1.0 per semester

This course is designed for the motivated student who wants to pursue biological topics in greater depth. The A.P. Biology course is designed to be the equivalent of a college introductory biology course. The following topics will be explored in depth with corresponding laboratory study: molecules and cells; heredity and evolution; and organisms and populations. The A.P. course will help students to develop a conceptual framework for modern biology and to gain an appreciation for science as a process. The twelve recommended A.P. labs along with additional laboratory work will be included in the course. Advanced Placement testing is strongly recommended upon completion of this course. A student must take the A.P. test in order to receive college credit.

Advanced Placement Chemistry (11-12)

Elective

Length: Two semesters

Prerequisites: Chemistry

Grade: 11, 12

Fulfills Science graduation requirement

Credit: 1.0 per semester

This course is designed to provide upper ability science students an opportunity to pursue an introductory college chemistry course. Problem solving and inductive laboratory investigations of inorganic chemistry are emphasized. A unit on organic chemistry is also introduced. This class is fast paced and structured as a college level chemistry course. Advanced Placement testing is strongly advised.

Social Studies

World History

Requirement
Length: Two semesters
Prerequisites: None

Grade: 9
Fulfills Social Studies requirement
Credit: .5 per semester

The primary purpose of the World History class is to focus on the geography, history and cultures of the various regions of the world. You will learn to identify, compare, and contrast the reasons for the rise, development and decline of various civilizations throughout history. We will examine the scientific, cultural, religious, intellectual, and technological contributions that have been made by individuals and societies and how these contributions impacted, and perhaps continue to impact, the world.

American History

Requirement
Length: Two semesters
Prerequisites: None

Grade: 10
Fulfills Social Studies requirement
Credit: .5 per semester

This is a survey course of American History from discovery and exploration of North America through the 20th Century. The first semester includes Colonial America, the American Revolution, the Civil War and Reconstruction. The second semester includes 20th Century wars, the Great Depression and the development of American institutions as we know them.

Economics

Requirement
Length: One semester
Prerequisites: None

Grade: 11, 12
Fulfills Social Studies requirement
Credit: .5

This course will include basic macro and micro-economic principles and the role of individuals in economic systems. Some attention will be given to global economic systems and the role of the U.S. and U.S. consumers in the global economy. The roles and influence of the U.S. government and Federal Reserve, and how these effect banking and consumers will be explored. Students will become skilled at evaluating investments.

Government

Requirement
Length: One semester
Prerequisites: None

Grade: 11, 12
Fulfills Social Studies requirement
Credit: .5

This course will introduce the student to the principles of government and democracy, the provisions of the Constitution, the Bill of Rights, and the composition and functions of the three branches of government. The course is designed to equip the student to live as an informed and active citizen.

Introduction to Sociology

Elective
Length: One semester
Prerequisites: None

Grade: 11, 12
Social Studies Elective
Credit: .5

This is a survey course designed to introduce the student of the 21st century to the fundamental concepts, description, and analysis of societies, cultures, the socialization process, social institutions, and social change. The student will broaden his or her world view while learning how differing cultural, political and religious beliefs shape our perceptions and motivations, our strength and weaknesses, and the way we behave and think.

Advanced Placement United States History

Elective

Length: Two semesters

Prerequisites: Government should be taken before or concurrently with AP History

Grade: 11, 12

Social Studies Elective

Credit: .5 per semester

Advanced Placement United States history is a college level introductory survey course of American History. An emphasis is placed on analytical thinking and the ability to express thought in written form. Students taking this class need a high level of motivation and desire to succeed. Students are expected to take the Advanced Placement exam for college credit in May.

Mock Trial

Elective

Length: November-February

Prerequisites: None

Grade: 9, 10, 11, 12

Scheduled before and/or after school

Credit: .5

Mock Trial is sponsored by the State Bar of Wisconsin. Each year a case is written to allow students to learn firsthand what it is like to prepare and present a legal case before Wisconsin courts. By studying courtroom procedure and clarifying federal and state laws, the legal system as a whole will become demystified. Students learn to think quickly on their feet, to sharpen acting skills, to develop an ability to think and work as part of a team. This is not counted as part of a student's eight daily credits.

Psychology

Elective

Length: One semester

Prerequisites: None

Grade: 11, 12

Social Studies elective

Credit: .5

This course will explore many major principles, concepts and theories of human mental processes and behavior. Students will come to better understand themselves, their lives and others. This will be achieved by exploring such topics as states of consciousness, sensation and perception, learning and memory.

The Twentieth Century

Elective

Length: One semester

Prerequisite: None

Grade: 11, 12

Social Studies Elective

Credit: .5

In this one-semester course the student will investigate the political, cultural, social, and economic history of the United States in the Twentieth Century. The course begins with a review of the Enlightenment Period and rise of democratic ideas, as well as the Industrialization of the America. Curriculum emphasis is on modern reform movements at the turn of the 19th Century, World Wars I and II, the Civil Rights Movement, the Korean Conflict, the Cold War Era, the Vietnam Conflict, and changes in the world order to present times. Finally, the lessons of the past are related to contemporary United States and World Issues.

International Studies

Elective

Length: One semester

Prerequisite: None

Grade: 11, 12

Social Studies Elective

Credit: .5

Living in the 21st Century, students have the greatest ability in human history to connect with others across the globe. One of the greatest issues students have to deal with involves a lack of cultural understanding. Through this course, students will gain an awareness of international diversity and learn how to think about what the world, or specific issues, might look like from other points of view. Students will develop knowledge, skills, and attributes needed to live effectively in a world possessing limited natural resources and characterized by ethnic diversity, cultural pluralism, and increasing interdependence.

RONCALLI HIGH SCHOOL

ALTERNATIVE COURSE CREDIT OPTIONS

UPPER CLASSMEN

Alternative Course Credit Options –Upper Classmen

Roncalli High School requires four full years and 28 credits for graduation. Listed below are options for accumulating elective credits, which includes courses on and off of campus. Roncalli will accept credits earned from public and private high schools and credits from college courses, including online courses. Off campus course options must have the prior approval of the principal. The Roncalli budget is based upon every student being full time and therefore, four years of tuition and fees are the norm. Course fees and tuition at other institutions are the responsibility of the individual student or family.

Alternative Course Options for upperclassmen

1. Advanced Placement (AP) Courses – Biology, Calculus, Chemistry, English, and U.S. History. AP Biology and AP Chemistry are offered on alternate years. Students can take the AP exam for approximately \$85. (juniors and seniors)
2. Human Biology – This is a dual enrollment course and students can earn 3 college credits through St. Mary’s University in Winona, MN for an approximate fee of \$180. (juniors and seniors)
3. Other high schools – Roncalli will accept credits from other high schools. Generally, these would be classes not offered at Roncalli. These options must be approved by the principal prior to granting credit. (juniors and seniors)
4. College courses – A student may choose to take course work at any college or university including on-line courses. These courses should be beyond the scope of the Roncalli curriculum. All fees and tuition for these courses are the responsibility of the student and/or family. Because dual credit is granted, the full Roncalli tuition and fees are still required. If the class is offered in the evening, the student will be given a block of time for study time. (seniors)
5. Career Internship – The student will experience a specific career at a business, agency, school, etc. by observing and working during a block of time. This “hands-on learning” will give students a better sense of a career by working with a mentor. (seniors)
6. Youth Apprenticeship - Students will spend part of the school day at a work based site in addition to taking classes (either high school or college) in that particular field. Students must go through an application process for this county-wide program. (juniors and seniors)
7. Senior Project – This course is designed to allow a student to conduct an independent exploration of a topic or talent of particular interest, under the guidance of a faculty advisor. The student will develop, plan and manage his/her own learning experience resulting in a demonstration of mastery in the chosen curricular area. This course may be taken as a one semester, half credit, or two semester full credit, course.
8. The Great Courses – The Great Courses are one semester, half credit, independent study electives open only to seniors. Students who choose to take a Great Courses class will be given a block of time in which to view lecture segments on DVD, and read a corresponding text. Each student will have a faculty advisor who, with the student, will determine a culminating activity that will demonstrate mastery of the material.

The following Great Courses are available:

The Art of Reading and Exploring the Writer’s Craft
The Foundations of Western Civilization
The Great Ideas of Philosophy
The Art of Critical Decision Making
Biology and Human Behavior