

*Roncalli High School*



**Freshmen  
Education  
Guide**

**2017-2018**

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

*Roncalli High School Mission Statement*

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The mission of Roncalli High School is to  
educate in the Catholic traditions of  
spiritual growth, life-long service,  
and academic excellence.

# 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 <sup>th</sup> or 8 <sup>th</sup> grade)	-
Technology	.5	-
Fine Arts	.5	-
Modern Language	(highly recommended)	Highly recommended (2 required at Eau Claire and Madison)
Academy	1	-
Electives	8	4
<b>Total Credits</b>	<b>29</b>	<b>17</b>

### Required Classes:

- **English** – English 9, English 10, English 11, English 12 or AP English
- **Religion** – Religion 9, Religion 10, Religion 11, Religion 12 (Apologetics), plus 1 additional course
- **Math** –
  - Algebra/Algebra Essentials, Informal Geometry or Geometry; Algebra 2 or AAT/HAAT
  - Geometry; AAT/HAAT, Pre-Calculus or HPC
- **Science** – Foundations of Science, Biology, plus 1 additional course
- **Social Studies** – World History, American History, Government, Economics
- **Technology** – Introduction To Engineering Practices
- **Physical Education** – Physical Education 9, Physical Education 10, plus 1 additional course
- **Academy** – Academy 9, Academy 10, Academy 11, Academy 12

## **COURSES AVAILABLE TO FRESHMEN AT RONCALLI**

### **Required Classes**

English 9	1 credit
Math	1 credit
Foundations of Science	1 credit
World History	1 credit
Religion 9	1 credit
Physical Education 9	.5 credit
Intro To Engineering Practices	.5 credit
<u>Academy</u>	<u>.25 credit</u>
Total	6 credits

### **Electives**

Concert Band	1 credit
Beginning Band	1 credit
Percussion Ensemble	.5 credit
Mixed Choir	1 credit
Spanish 1 or 2	1 credit
2-D Art	.5 credit
3-D Art	.5 credit
Consumer Science Investigations	.5 credit
Software Applications	.5 credit
Colorguard	.5 credit
Structured Study	.5 credit
Health (required if not taken In 7 <sup>th</sup> or 8 <sup>th</sup> grade)	.5 credit

- All students take 8.25 credits per year; 6.25 required credits plus 2 additional credits from the list of electives.
- It is highly recommended that students planning on attending a 4-year college take 2 years of a modern language.

## Art

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### **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 study 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.

## Technology

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### **Introduction to Engineering Practices**

Freshmen Requirement

Length: One semester

Prerequisites: None

Grade: 9

Credit: .5

This STEM course is a basic introduction to engineering for all students. It is a blended course with an in-house instructor paired with online learning. Students who complete this course will learn the concepts needed to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing and 3D solid modeling will apply math, science, technology, history and English content from other courses into a STEM experience.

## **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 Word Perfect. Students will work more intensely with word processing, spreadsheet and database applications.

## **English**

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### **English 9**

Freshmen requirement

Grade: 9

Length: Two semesters

Fulfills English graduation requirement

Prerequisites: None

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.

## **Family/Consumer Education**

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### **Consumer Science Investigations**

Elective

Grade: 9

Length: One semester

Prerequisites: None

Credit: .5

This course is designed to help students develop skills in areas they are beginning to take control over by making decisions in money management, shopping, wise use of time, first jobs, food choices, social situations, clothing selection and care and interior decorating. We study how to be a smart shopper, first job applications and interview procedures, eating for better performance, cooking healthy snacks, construct a project using the sewing machine, making good first impressions and designing creative living spaces.

# Mathematics

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## Algebra Essentials

Elective

Length: Two semesters

Prerequisites: Placement by Mathematics Department

Grade: 9

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, operate with 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

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.

## Geometry

Elective

Length: Two semesters

Prerequisites: Placement by Mathematics Department

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 plane coordinate 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.

## Modern Language

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### Spanish 1 Spanish 2

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.

## Music

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### Mixed Choir

Elective

Grade: 9

Length: Two semesters

Fulfills Fine Arts graduation requirement

Prerequisites: None

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.

### Beginning Band

Elective

Grade: 9, 10, 11, 12

Length: Two semesters

Fulfills Fine Arts graduation requirement

Prerequisites: None

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.



## **Concert Band**

Elective

Grade: 9, 10, 11, 12

Length: Two Semesters

Fulfills Fine Arts graduation requirement

Prerequisites: Prior band experience 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 performance activities including Marching Band, Pep Band, Solo and Ensemble activities, District Band Festival, and concerts. 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 bi-weekly lesson with the instructor.

## **Percussion Ensemble**

Elective

Grade: 9, 10, 11, 12

Length: Two Semesters

Fulfills Fine Arts graduation requirement

Prerequisites: Middle school band  
or Beginning band

Credit: .5 per semester

All incoming freshmen percussionists must take this course before enrolling in concert band. In this course students will perform a wide variety of percussion ensemble and drum line music, and they will learn to become proficient on all percussion instruments, including mallet instruments, timpani, snare drum, drum set, hand percussion, and marching instruments. Students will also need to demonstrate the same level of music literacy as students in concert band. We will accomplish this through performances with Marching Band, Pep Band, Percussion Ensemble, Drum Line, and joint concerts with Concert Band. There will be required marching band, drum line, and concert performances throughout the year. At the end of the year, students may audition to join concert band, but this is not required. They may stay in percussion ensemble for four years. When students become juniors, they will be eligible for both concert band and percussion ensemble.

## **Colorguard**

Elective

Grade: 9, 10, 11, 12

Length: One semester (Fall)

Fulfills Fine Arts graduation requirement

Prerequisites: None

Credit: .5

Colorguard is the flag-corps of the marching band and is open to male and female students. Colorguard contains elements of movement, 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 two pep band performances is required.

## Physical Education and Health

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### Physical Education 9

Freshmen Requirement  
Length: One semester

Prerequisites: None

Grade: 9  
Fulfills Phy. Ed. graduation  
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 may include soccer, flag football, basketball, softball, volleyball, weight training, mini-units, 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 (7<sup>th</sup> or 8<sup>th</sup> grade) you are not required to take health in high school. However you can take health as an elective.

## Religious Studies

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### Religion 9

Freshmen Requirement  
Length: One semester  
Prerequisites: None

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

This class studies the sacramental nature of our faith, including an in-depth examination of the seven sacraments. We will also discuss the sacramental aspect of the human body as created in the image of God.

The freshman year will include a class on Christian Scriptures, including the Gospels and the Epistles.

## Science

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### Foundations of Science

Freshmen Requirement

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 field.

## Social Studies

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### World History

Freshmen 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 continue to impact, the world.

## Other

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### Structured Study

Elective: Approval Needed

Length: One or Two Semesters

Grade: 9, 10, 11, 12

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 and the Learning Needs Coordinator and the School Counselor

## **Academy**

Freshmen Requirement

Length: Four Quarters

Prerequisites: None

Grade: 9

Fulfills Graduation Requirement

Credit: .25 per year

Academy - The students will be required to create an ACP or Academic Career Plan based on their interests, strengths, and particular education plan. Students will maintain a digital and hard copy of their ACP. The purpose of this requirement for graduation is to encourage students to complete and showcase quality academic work, discover their strengths, set meaningful achievement goals, and understand the relationship between academic achievement in high school and postsecondary career and educational opportunities. The goal of the program is to produce responsible Roncalli High School graduates who will begin their adult life with the knowledge, skills, motivation and a self-directed plan for career and lifelong success.