



ART & DESIGN



FRESHMAN CLASSES

INTRODUCTION TO DRAWING

Students will have opportunities to learn what it takes to make creative, interesting, and successful artwork. Students will learn various drawing skills including portraits, perspective, and color theory that will prepare them to be better artists capable of advanced coursework in drawing, illustration, and painting.

INTRODUCTION TO DESIGN

This introductory course covers the basic of design and experiences in Adobe Photoshop, Illustrator, and other industry-standard software. Students use computers to build habits, solve problems and practice skills as they create graphic designs, animation, digital photos, and other design-based projects. Students will create online portfolios of their best work.

ART & DESIGN CURRICULUM

Art

- Intermediate Illustration & Comics
- Advanced Drawing
- Intermediate Painting
- Advanced Painting
- Introduction to 3-D Art
- Intermediate Ceramics
- Advanced Ceramics
- Intermediate Creative Crafts
- Advanced Studio Art 1
- Advanced Studio Art 2

Design

- Intermediate Design - Graphic Design
- Intermediate Design - Digital Photography
- Intermediate Design - Game Design
- Intermediate Design - Animation
- Advanced Design Studio
- Advanced Print Specialists

Philosophy

The Art and Design Department exists to give students an opportunity to use their God-given abilities. There is focus on exposing students to new craft / skills, art appreciation (awareness), vocabulary, expression, creativity, and to build a successful body of work. All courses included all of the prior elements in some way. Entry level courses are heavier in appreciation and craft, while higher level courses focus more on expression and critiquing practices.



BUSINESS EDUCATION



FRESHMAN CLASSES

COMPUTER APPLICATIONS I

This course is designed for beginning students who already know the keyboard and have an introductory knowledge of Word, Excel and Power Point. Students develop increasing skill levels in keyboarding speed and accuracy and will continue to expand their knowledge of word processing, producing both personal and business documents, spreadsheets, database management and presentation and graphics. The course is applicable to students for both personal and vocational use.

INTRODUCTION TO COMPUTER SCIENCE This course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students engage with computer science as a medium for creativity, communication problem solving, and fun. The course inspires students as they build their own websites, apps, games, and physical computing devices.

ADVANCED COMPUTER SCIENCE

This course takes an advanced look into computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students engage with computer science as a medium for creativity, communication problem solving, and fun. The course inspires students as they build their own websites, apps, games, and physical computing devices.

BUSINESS EDUCATION CURRICULUM

Computer Applications II
Accounting I
Accounting II
Personal Finance
Business Marketing
Media Production and Analysis
Lutheran Print Specialists
Business Success
Yearbook

Philosophy

Preparing students to be successful members of the community with real world business specific instruction, while focusing on keeping Christ and a Christian worldview most important.



ENGLISH



FRESHMAN CLASSES

APPLIED ENGLISH

Applied English is a two-semester course that aims to bring students to grade-level proficiency in English. Throughout the year, we will focus on study skills, reading comprehension, grammar and composition, speech presentation, and basic literature analysis.

READING STRATEGIES

This course is designed to help students who enter Milwaukee Lutheran with lower reading scores. Lessons will emphasize reading strategies that lead to greater comprehension. This course is taken in conjunction with Applied English or English I.

ENGLISH I

The integration of reading, writing and human communications skills is the focus of this course. Students will be introduced to the study of standard formal grammar, mechanics and usage, and will be encouraged to use this as the basis for all communication. The basic elements of oral communication will also be introduced and explored. After completion of this course, students will have the necessary skills to begin further study in English and in all areas of the curriculum that require the standard use of the English language.

HONORS ENGLISH I

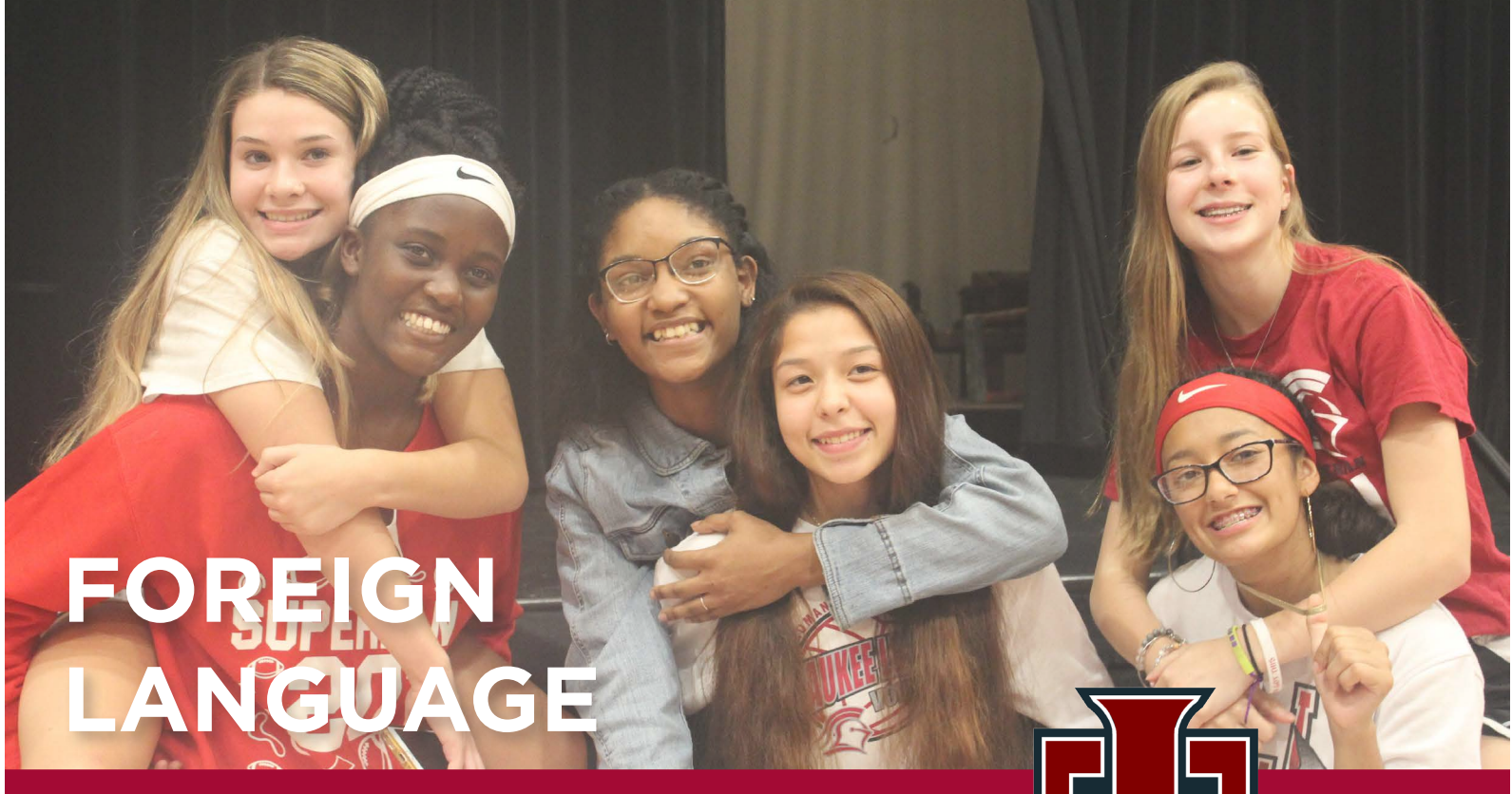
This course is designed for those students whose skills, background and interest in English are above average. The readings and responses are more advanced and challenging, and the pace of the course will be faster. Students will read several novels which will become the basis from which the other skills are explored.

ENGLISH CURRICULUM

- English II
- Honors English II
- World Literature
- Modern Fiction
- Writing Workshop
- Business Communication
- Multi-Ethnic Literature
- Oral Communications
- A.P. English Literature
- A.P. English Language

Philosophy

Preparing students to be successful members of the community with real world business specific instruction, while focusing on keeping Christ and a Christian worldview most important.



FOREIGN LANGUAGE



FRESHMAN CLASSES

SPANISH I

This course gives students the opportunity to learn the mechanics of basic Spanish, which includes gaining proficiency in speaking, listening, reading, and writing. Grammatical concepts are also covered in order to understand the language better. Various cultural topics are discussed and presented through videos, CD-rom and Internet resources. Knowledge of English grammar is needed.

SPANISH II

Prerequisite: Spanish I with C or better.

This course continues to build on the abilities learned in Spanish I with increasing proficiency in speaking, listening, reading, and writing. There is a review of Spanish I material as well as further explanations of grammar so that the language can be used in more challenging ways. Students also gain additional insights into culture through various presentations, projects, and videos

FOREIGN LANGUAGE CURRICULUM

- American Sign Language
- Spanish III
- Spanish IV
- A.P. Spanish

Philosophy

The philosophy of the Foreign Language Department at Milwaukee Lutheran High School is to develop the communicative and intercultural competency of the students so that they can interact with the other cultural community. Students are to be introduced to the language and culture of the target language. Encouragement of the development of communication in foreign language as well as promotion of understanding communities both in the United States and abroad are areas of focus. Connections to our Christian faith are promoted through prayer in the target language and discussion of various religious topics presented in texts.



MATHEMATICS



FRESHMAN CLASSES

ALGEBRA

The course consists of a thorough introduction to the algebra of real numbers. It emphasizes practical problem solving along with abstract algebraic processes. Acquiring a formal mathematical vocabulary is an integral part of the course. An introduction to probability, statistics and use of a scientific calculator is included in this course. A scientific calculator is required.

HONORS ALGEBRA

Prerequisite: Department Approval

This course is designed for students who have been exposed to basic Algebra topics. It includes all of the concepts listed for Algebra. Students must qualify for this course through a department-sponsored test. A scientific calculator is required.

HONORS GEOMETRY

Prerequisite: Department Approval

This course includes all of the concepts listed for Geometry. In addition, three-dimensional topics are explored and formal proofs are emphasized. A scientific calculator is required.

MATHEMATICS CURRICULUM

Geometry
Intermediate Math
Advanced Algebra Trig
Honors Advanced Algebra Trig
Probability and Statistics
Pre-Calculus AB
Honors Pre-Calculus AB
Honors Probability & Statistics
A.P. Calculus AB
A.P. Calculus BC

Philosophy

The Mathematics Department strives to help each student use the gifts God has given him/her to perform to the best of his/her ability. Each course is designed to instill in the student a conceptual understanding of the basic facts and methods appropriate for the course. The Mathematics Department wants each student to develop the ability to reason logically and to communicate mathematical ideas properly. The use of appropriate technology is emphasized throughout the curriculum. A variety of course paths is available to meet the individual needs of students.



MUSIC



FRESHMAN CLASSES

MEN'S CHORUS

This beginning choir of male voices will be exposed to and perform music from many different periods of history. Work on vocal technique, sight-reading skills, and theory will be stressed.

WOMEN'S CHORUS

This beginning choir of female voices will be exposed to and perform music from many different periods of history. Work on vocal technique, sight-reading skills, and theory will be stressed.

MUSIC APPRECIATION

Music appreciation provides instruction in basic music theory and instruments, traces the development and growth of several forms of music, and gives students a foundation to appreciate music more fully. Students will be exposed to several genres of music in the world around them and discover how they experience music.

RED KNIGHT BAND

Red Knight Band is designed for students with little or no experience in a concert band setting. Emphasis is placed on reading music, rhythms, notes, and how music is put together. Successful completion of this course will result in the student being ready for Concert Band. Students can choose flute, clarinet, saxophone, trumpet, or trombone.

DRUM LINE

Through the introduction of reading music notation, rhythms, and sticking patterns, students will learn how to play drumline music for snare drum, bass drum, quads, and cymbals. Availability at performances including basketball games, football games, and band concerts is required.

CONCERT BAND

Through rehearsal and performance of basic music skills, the student has the opportunity to broaden appreciation and understanding of all types of music and skills required to perform in musical organizations. Emphasis is placed upon developing enough skill on the individual instruments to perform at an average high school level. Exercises in technique, dynamics, articulation, and tone production are used every day in preparation for improving skills. The band performs during marching season at football games, parades, and various community and statewide events.

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SYMPHONIC BAND

Audition Required

Through rehearsal and performance of superior music skills, the student has the opportunity to excel and expand his knowledge and appreciation of all types and varieties of music. Emphasis is placed on different styles of music and different skills involved in the performance of these styles of music. Exercises in technique, dynamics, and articulation are used every day in preparation for performance of difficult music. The band performs during the marching season at football games, parades, and various community and statewide events.

JAZZ BAND

Audition Required

Through rehearsal and performance of basic jazz music skills, the student has the opportunity to broaden his appreciation and understanding of different types and varieties of jazz music. Emphasis is placed on performing different types of Big Band music and the different skills involved in performing these types of music. Attention is placed on sight-reading and improvisation.

JOYFUL NOISE

Audition Required

Joyful Noise is a student-led worship band that will perform regularly for chapel and other school-sponsored events. This audition-based course will examine worship arts, music composition, current music software and technologies, and performance. Emphasis will be on both performance and examination of lyrical/structural content.

MUSIC CURRICULUM

Kantori Choir

Women's Trebel Choir

Advanced Men's Choir

Jubilee Choir

Bel Canto Choir

Philosophy

God's gift of music is one that all students can develop, experience, and share.



PHYSICAL EDUCATION



FRESHMAN CLASSES

FRESHMAN GIRL'S PHYSICAL EDUCATION

The emphasis in girl's physical education on the freshman level is on weight training, fitness, team building through the use of the ropes course, and the fundamentals of physical education as learned through participation in mostly individual sports.

FRESHMAN BOY'S PHYSICAL EDUCATION

The emphasis in boy's physical education on the freshman level is on weight training, fitness, team building through the use of the ropes course, and the fundamentals of physical education as learned through participation in mostly individual sports.

HEALTH

This class is meant to teach students ways to make healthy decisions in all areas of their lives. The behavioral, mental, emotional and spiritual welfare of teenagers will be focused on in areas like managing stress, mental and emotional problems, healthy relationships, resolving conflicts, nutrition and weight control, alcohol, and drugs, and sexually transmitted diseases.

P.E. CURRICULUM

- Beginning Swim
- Advanced Swim
- Lifetime and Outdoor Activities
- Individual Movement
- Beginning Strength and Conditioning
- Advanced Strength and Conditioning
- Team Sports I & II
- P.E. Leadership

Philosophy

The philosophy of the physical education department is to provide students with challenging activities to help them grow physically, cognitively, socially, and spiritually. Students should feel empowered to make wise, healthy, and safe choices in their everyday lives by experiencing positive and motivating lifelong lessons and using their God-given abilities through active participation in all activities.



RELIGION



FRESHMAN CLASSES

FRESHMAN RELIGION

This course pursues a chronological study of the Old Testament. There is a clear emphasis on Christian Worldview, and support for the reliability and infallibility of the Bible right from creation. The faith and lives of the people of the O.T. are studied to provide the student with a deeper understanding of their own day-to-day relationship with God. Special emphasis is placed on the Messianic prophecies and their fulfillment in Jesus Christ.

RELIGION CURRICULUM

- Sophomore Religion
- Junior Religion
- Senior Religion
- Marriage and Family Relationships



SCIENCE



FRESHMAN CLASSES

PHYSICAL/LIFE SCIENCE

This course is designed to give a well-rounded understanding of the basic principles and processes in each of the major fields of science. Special emphasis will be placed on the skills necessary to the effective study of science such as: measurement, metric system, graphing, microscopy, scientific method, basic laboratory skills, data interpretation and writing the laboratory report. After successful completion of this course, the student should be well prepared for taking other department courses.

BIOLOGY

The course will cover all major fields in biology; the units of study include botany, cytology, genetics, bioethics, human anatomy and physiology, creation and evolution, and zoology. The course is taught from a creation perspective. A variety of learning strategies is utilized including lecture, reading, independent research, video and computer presentation and an extensive use of hands on laboratory investigations.

Science Curriculum

- Earth in Space
- The Dynamic Earth
- Chemistry
- Physics
- Introduction to Forensic Science
- Sustainable Agriculture
- Honors Anatomy and Physiology
- Honors Microbiology
- Honors Gross Biology
- Honors Inorganic Chemistry
- Honors Organic Chemistry
- A.P. Physics I

Philosophy

We recognize God as the Author and Creator of all life, our world, the universe, and all that is contained therein. It is our responsibility as stewards of God's creation to understand, appreciate, and to work and communicate effectively with others about what God has given us.



SOCIAL STUDIES

FRESHMAN CLASSES

GEOGRAPHY

Geography takes a deeper look at the people, places, and systems of our world and offers students the chance to think more deeply about their responsibilities as global citizens and people of faith. Whether it is gaining a better understanding of the world in spatial terms through maps and satellite images, examining the elements of various world cultures, or analyzing how geography shapes history, Geography pushes students to shift their perspective and engage with their world in new and challenging ways.

CIVICS

This course will also provide a basic overview of the American systems of Government and Economics. Students will learn about the foundations of our political and economic systems, how our government and economies function, major concepts in each system and the role of citizens in both. Students will also spend some time learning and discussing current events. The course will involve a good deal of experiential learning and real-life simulations



Social Studies Curriculum

- U.S. History I & II
- African American History
- Sociology
- Psychology
- Economics
- Government
- Contemporary Issues
- A.P. World History
- A.P. U.S. History

Philosophy

To provide an opportunity to gain knowledge, develop critical thinking skills, view historical events through a Christian lens, and assume a sense of responsibility as members of the Church, community, nation, and world.



TECHNICAL EDUCATION



FRESHMAN CLASSES

INTRODUCTION TO TECHNICAL EDUCATION

This semester course is designed to teach the student life-skills in the use of hand and power equipment. Through the construction of various projects, the student will learn tool safety skills, measurement, quality control, and production.

INTRODUCTION TO ENGINEERING

This course will allow students to learn who engineers are and what they do. Students will learn how to use Computer Aided Drafting (CAD) software to design a variety of parts and assemblies. Students will use different scenarios to learn to apply the engineering problem solving process.

Technical Education Curriculum

Architectural Design

Small Engines

Woodworking

Metal Fabrication

Engineering Machine Design

Building Trades

Engineering Design and Robotics

Advanced Computer Aided Design

Electronics

Technical Education Independent Study

Philosophy

Students will be provided with the opportunity to explore a variety of technical fields and develop skills which will make them life-long learners and prepare them to use their technical gifts to serve God in the 21st Century.