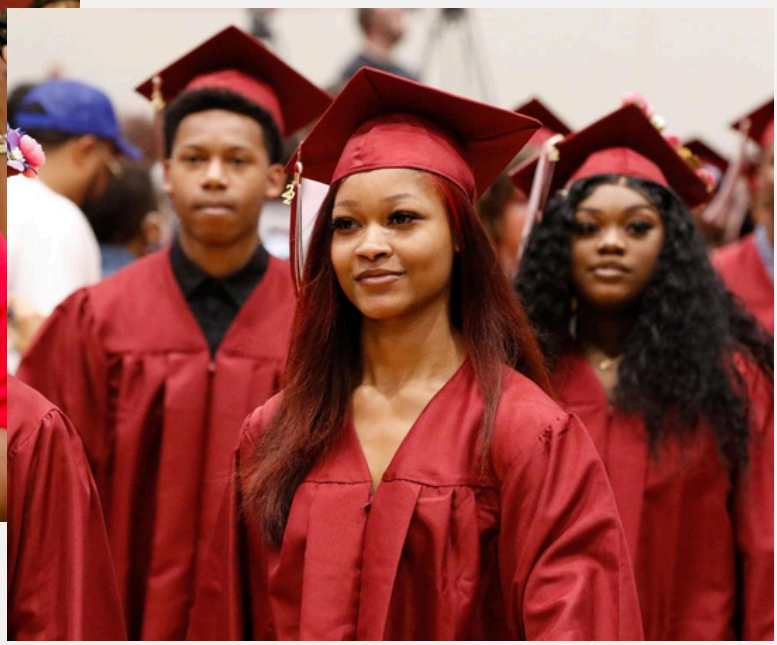
Milwaukee Lutheran
MIDDLE & HIGH SCHOOL

COURSE CATALOG



Where Love Rules and Leaders Rise.

2026-2027

CREDITS

GRADUATION REQUIREMENTS (Minimum)

Religion - 8 credits
English - 8 credits
Social Studies - 6 credits
Mathematics - 6 credits
Science - 6 credits
Physical Educ. - 4 credits
Financial Literacy - 1 credit
Electives - 11 credits

TOTAL = 50 Credits 1 Credit = 1 Semester

The courses listed are the minimum requirements to graduate. For students looking to attend a four year college, higher level math and science are encouraged.

ART

INTRODUCTION TO DRAWING (AR 110)
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.

INTERMEDIATE DRAWING (AR 210)
Prerequisite: C Grade or Better in AR 110
This course combines drawing techniques, creativity, and digital technology to create cartoons, comics, manga, and illustrations. Students will focus on problem solving, communicating messages, and telling stories through story book illustration, article illustration, and product & poster illustration.

INTERMEDIATE PAINTING (AR 220)
Prerequisite: C Grade or Better in AR 120
This course includes concepts of the traditional painting discipline while building on the painting techniques and color theory taught in 2D. Students will be working in acrylic and watercolor while learning classic techniques along with a few modern approaches.

INTRODUCTION TO 3-DIMENSIONAL ART (AR 230)
Students will learn 3-D design and building techniques of ceramics, jewelry and sculpture. Use clay, wood, metal, plaster, and other materials to create sculptures, vessels, jewelry and reliefs.

INTERMEDIATE SCULPTURE AND CRAFTS (AR 240)
Prerequisite: C Grade or Better in AR 110, AR 230, DS 100
This course introduces students to the skills and media of arts and crafts. We will be using various materials to develop our design, constructing and craft making skills. Make home décor, paper & textile crafts and other DIY projects.

ADVANCED DRAWING (AR 310)
Prerequisite: C Grade or Better in AR 210
This course includes skills of traditional drawing such as portraits, figure drawing, and storytelling, but also focuses on giving students an opportunity to express themselves with new media and techniques. The class is for artists with strong drawing abilities that would like to improve their drawing skills or prepare for coursework at the collegiate level.

ADVANCED PAINTING (AR 320)
Prerequisite: C Grade or Better in AR 220
Advanced work with acrylic will be done as well as experimenting with non-traditional painting tools and methods. Focus on creative expression, experimentation, and creating an identity through painting.

INTERMEDIATE CERAMICS (AR 330)
Prerequisite: C Grade or Better in AR 230
Students learn various skills of creating and decorating clay objects. Several hand building and potter's wheel techniques are explored. Construct and glaze sculptures, tiles, cups, bowls, lid pots, and other projects. Then, take your work home and use it!

ART

ADVANCED STUDIO ART 1 (AR 410)
Prerequisite: 3 Semesters of Art and Department Approval
Students enhance their art skills through their choice of advanced drawing, painting, graphic design, ceramic or sculpture focusing on creating a cohesive portfolio. The majority of this course is student driven where the students are working on expanding their existing abilities.

ADVANCED CERAMICS (AR 430)
Prerequisite: C Grade or Better in AR 330
Advanced Ceramics studio in which students complete five major projects using skills and concepts learned in Ceramics I. Additional hand building and potter's wheel techniques are explored. Make handles, lids, big pots, sculptures, pitchers, sets of dishes, and teapots!

ADVANCED STUDIO ART 2 (AR 510)
Prerequisite: Studio Art 1 and Department Approval
Students will continue to enhance their art skills – building on concepts and skills from Studio Art 1. Using a variety of media, students will develop creative solutions to projects involving brand identity, visual expression, and expanding an aesthetic style. Students will continue to build a comprehensive personal portfolio.

BUSINESS

COMPUTER APPLICATIONS I (BU 120)
This course is designed for beginning students who have limited knowledge of the keyboard, Word, Excel and Power Point. Students develop skill levels in keyboarding speed and accuracy. Students will also develop 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. A test-out option is available for this course.

COMPUTER APPLICATIONS II (BU 220)
Prerequisite: BU 120
This course is designed for 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.

PRINCIPLES OF PROGRAMMING (BU 230)
Prerequisite: MA 200 or Department Approval
The CodeHS introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Once students complete the CodeHS Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.

PRINCIPLES OF PROGRAMMING II (BU 235)
Prerequisite: BU 230 or Department Approval
The CodeHS introduction to Computer Science in Python 3 curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Once students complete the CodeHS Introduction to Computer Science in Python course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program using Python 3.

ACCOUNTING I (BU 310)
Prerequisite: MA 160
Accounting is a course intended for all students--for those intending to explore the field as a career, for those going into other occupations in the business world and for those who want to learn record keeping for personal use. This course introduces the students to double-entry bookkeeping.

PERSONAL FINANCE (BU 320)
Prerequisite: MA 160
Personal finance helps the student learn how to deal with professional marketers and how to make more satisfying decisions regarding the many problems they will face as a consumer. The student learns about these many consumer problems through lectures in class, reading interviews with businessmen, education simulations and role-playing. Major units include budgeting use of credit, investments and insurance. Several simulations included in the course will involve the use of the internet and software that the student could adapt to his/her own personal needs now or at some time in the future.

PHILANTHROPY (BU: 335)
This course will introduce students to the concepts of philanthropy, community engagement, and social responsibility. Students will explore the importance of giving, both time and resources, and the positive impact of charitable efforts on society. Through research, hands-on activities, and service projects, students will learn how to identify needs, organize resources, and evaluate the effectiveness of philanthropic initiatives.

COSMETOLOGY (BU 255)
This course equips students with technical skills, professional development, and creativity rooted in Christian values. Through hands-on practice and classroom instruction, students learn hair care, styling, skin and scalp treatments, and chemical services. The program also emphasizes communication, human relations, and professionalism, preparing students for careers and potential licensure in the beauty industry.

BUSINESS

BUSINESS MARKETING (BU 330)
Prerequisite: BU 110
Students will be introduced to the exciting world of creating and owning their own business. The four Ps of marketing will be the focus. Topics studied will include bookkeeping, payroll, record keeping, inventory management and sales, and customer service. Students will gain valuable knowledge and hands-on experience working with the Lutheran Print Specialists.

MEDIA PRODUCTION AND ANALYSIS (BU 340)
This course will focus on the fundamentals of video production. Simple techniques – including shooting and editing will be emphasized. The focus will be "hands-on" digital video production. There will also be an emphasis involving sports statistics as it relates to MLHS athletics. Students will use MLHS sporting events, drama productions, and music performances as the subject of content.

PRINCIPLES OF PROGRAMMING III (BU 350)
Programming III is an introduction to the Java programming environment. The Intro to Java (Latte) course is a year-long course designed to help students master the basics of Java with a focus on problem solving and algorithm development. This course is NOT designed to prepare students for the AP Java exam.

ACCOUNTING II (BU 410)
Prerequisite: BU 310
Accounting is a course intended for all students--for those intending to explore the field as a career, for those going into other occupations in the business world and for those who want to learn record keeping for personal use. This course introduces special problems associated with bookkeeping, payroll record keeping, automated bookkeeping and income tax.

LUTHERAN PRINT SPECIALISTS (DS/BU 420)
Prerequisite: BU120
Lutheran Print Specialists is a business owned by Milwaukee Lutheran and operated by its students. Students will print posters, banners, programs, and other materials for Milwaukee Lutheran and the community at large. Roles in this business include project management, sales and client services, financial systems, design creation, and print production. Application for this course is required.

BUSINESS SUCCESS (BU 430)
The Business Success Course is designed to prepare students for the corporate world and a career in business. Students will work through developing a resume and portfolio, personal economics, networking, management, and many other financial and business topics as they prepare for their future.

YEARBOOK (BU 510/515)
Prerequisite: DS 100, Instructor Approval
This course is designed for students who wish to participate in yearbook production. Topics include financing a yearbook, yearbook journalism, yearbook photography, planning and producing pages, and preparation of a yearbook for final printing. Additionally, yearbook students contribute to school social media production.

BROADCASTING (BU440)
This course provides an in-depth introduction to the field of broadcasting, focusing on both theoretical and practical aspects of the media industry. Students will explore the history, technology, and regulations of broadcasting while developing hands-on skills in producing, editing, and presenting content for various platforms, including television, radio, and digital media.

DESIGN

INTRODUCTION TO DESIGN (DS 100)

Prerequisite: Honors Eng I (FR) or Eng I (SO)

This introductory course covers the basics 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. This course is just the starting point for our great Design curriculum!

INTERMEDITE DESIGN-GRAPHIC DESIGN (DS 200)

Prerequisite: C Grade or Better in DS 100

Explore the power of graphic design as communication and expression. Discover the impact, principles, and components of Advertising, Packaging, Logos, Posters, Greeting Cards, and more! Create an online portfolio and design projects for our school community.

INTERMEDIATE DESIGN-DIGITAL PHOTOGRAPHY (DS 250)

Prerequisite: C Grade or Better in DS 100

Learn how to take and make great photos. Discover composition concepts and camera techniques to make your photos great. Add meaning and expression to your photos. Consider elements such as subject matter lighting, background, and file format. Learn to creatively and successfully manipulate your photos using Photoshop. Experience the skills of studio photography and discernment of managing an online portfolio. A digital camera is required for this course. A limited supply of cameras is available on short-term loans.

INTERMEDIATE DESIGN-GAME DESIGN (DS 300)

Prerequisite: C Grade or Better in DS 100

Design and create interactive games for computers and mobile devices! Add simple animation, media and interactivity to web pages. Learn what it takes to plan and produce simple quizzes, strategy games, and even time-based action games! Design projects for the school community and create a personal online portfolio.

INTERMEDIATE DESIGN-ANIMATION (DS 350)

Prerequisite: C Grade or Better in DS 100

Create animations through simple photography and computer design. Create animations in pen-and-paper, Stop-motion, Adobe Flash, photo-manipulation, and more! Learn the skills of planning, producing, directing, developing characters, designing environments, narrating, writing dialogue, lip syncing, and managing post-production work for individual and cooperative animated productions.

ADVANCED DESIGN STUDIO (DS 400)

Prerequisite: DS 100 & One 200 Level Design Course

Using knowledge and skills gained in other design courses, students will Design and Create several independent and varied projects. Service-oriented projects for the school and community will be included. Portfolio development is emphasized. This course may be taken more than once.

ADVANCED PRINT SPECIALISTS (DS/BU 420)

Prerequisite: DS 100 & DS 200

Lutheran Print Specialists is a business owned by Milwaukee Lutheran and operated by its students. Students will print posters, banners, programs, and other materials for Milwaukee Lutheran and the community at large. Roles in this business include project management, sales and client services, financial systems, design creation, and print production. Application for this course is required.

ENGLISH

ENGLISH I (EN 120/125)
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 (EN 150/155)
Prerequisite: Department Approval
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. In order to be eligible for this course, students must do well on the placement test given the preceding spring.

ENGLISH II (EN 220/225)
Prerequisite: EN 120/125
This course will provide students the opportunity to explore American Literature through various genre' and analyze and react through writing and oral presentations. Emphasis will be put on further developing the understanding of oral communication and strategies of presentation. There will be a review of punctuation, agreement and usage and a research project/presentation will be the culmination of this course.

HONORS ENGLISH II (EN 250/255)
Prerequisite: Department Approval
This course is the continuation of Enrichment English I and is considered an advanced English II. This course will require a higher level of thinking and a faster pace as students explore American Literature through various genre'. The American Novel will also be explored, and oral communications and presentations will be expanded. As in English II a research project/presentation will be the culminating performance. To be eligible for this course, students will take a department sponsored test during the preceding spring.

WORLD LITERATURE (EN 330)
Prerequisite: EN 220/225 or higher
Non-American literary sources will be read and studied during this survey, one semester course. Emphasis will be placed on older classical pieces of literature with units on non-Western literature, Ancient Greece, European Middle Ages, and contemporary short stories. Students will also work to improve their vocabulary.

MODERN FICTION (EN 350)
Prerequisite: EN 220/225 or higher
This course examines the themes found in short stories, novels, and films produced from the 1940's through the present. Works are studied for content and technique, as well as for worldview; comparison to and contrast with other works of fiction will also be discussed. In addition, each work will be examined in relation to the time period in which it was produced, as well as its relevance to contemporary society.

ENGLISH

WRITING WORKSHOP (EN 360)
Prerequisite: EN 220/225 or higher
The emphasis in this course is writing, and students will write weekly in various genres and for various purposes. Students will recognize writing as an extension of thinking and shaping ideas. The process of writing - from prewriting/conceptualization to self and peer editing - will be emphasized to improve the students' writing abilities. A weekly review of a mechanical, grammatical or usage guideline will be given. This course is recommended for all college-bound students.

MULTI-ETHNIC LITERATURE (EN 380)
Prerequisite: EN 220/225 or higher
Students will explore specific ethnic and cultural literature across different genres. They will compare and contrast different cultural heritages and respond through writing and orally. In this course students will reflect on their own heritage and identity as Christians and as people of a culture and ethnicity.

ORAL COMMUNICATIONS (EN 390)
Prerequisite EN 220/225 or higher
This course is designed to increase students' knowledge of the communication process and to develop effective communication skills, primarily through speaking and listening. It focuses on four major units: the communication process, listening & interpersonal communication, public speaking, and persuasion. This course will also provide practice in communicating effectively when doing performance assessments. While the course emphasizes speaking and listening, it incorporates reading and writing to help students develop fully as effective communicators.

A.P. ENGLISH LITERATURE (EN 510)
Prerequisite: EN 330 & Department Approval
This course provides a college-level, college-format course involving in-depth reading of various genres of literature. The texts are studied in their cultural, historical, and sociological contexts, with emphasis on theme, tone, structure, style, and methods of character development. Students are encouraged to form and share their own opinions and to support them with viable evidence from the texts, considering the social and historical values it reflects and embodies. Through experiencing, interpreting, and evaluating the literature, students will fully grasp the literary merit of the text. This course's goal is to prepare students to succeed on the AP Exam and write effective, college-level essays. (Limited enrollment.)

A.P. ENGLISH LANGUAGE (EN 520)
Prerequisite: EN 330 & Department Approval
A.P. English is a college-level English course that often takes more time, requires more work, and gives greater opportunity for individual accomplishment than a regular high school English course. It is expected that students who select this course are serious about taking the A.P. exam, seeking college credit and/or placement. (Limited enrollment.)

WORLD LANGUAGES

SPANISH I (FL 110/115)
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 to understand the language better. Various cultural topics are discussed and presented through videos and Internet resources. Knowledge of English grammar is needed.

LATIN I (FL 130/135)
Students acquire vocabulary and grammar skills to translate simple Latin by the end of the year. Additional benefits are increased knowledge and skill in the use of the English language through the study of intonation, morphemes, cognates, and syntax.

SPANISH II (FL 210/215)
This course reviews and builds upon knowledge of the Spanish language and world cultures acquired in Spanish I. This study focuses on grammar and vocabulary in context as well as cultural study. It continues to develop language proficiency in reading, writing, speaking, and listening.

SPANISH III (FL 310/315)
Prerequisite: FL 210/215 with C- or better year average
Spanish III offers a comprehensive review of grammar and vocabulary skills learned in Spanish I and II. More tenses and vocabulary are taught throughout the year. Oral skills are emphasized.

SPANISH IV (FL 410/415)
Prerequisite: FL 310/315 with C or better
Spanish IV reviews and builds upon knowledge of the Spanish language and world cultures in areas of grammar, vocabulary, and cultural awareness. It continues to develop language proficiency in reading, writing, speaking, and listening to prepare students for use of Spanish when they leave high school.

SPANISH V (FL 550/555)
Prerequisite: FL 410/415 with C or better
This course, taught almost exclusively in Spanish, will utilize language skills learned in Spanish I-IV to teach students about the Spanish-speaking world. Spanish V emphasizes the learning of culture while focusing on history, literature, film, dialect, music, art, celebrations, beliefs, and more. Upon completion, students will be knowledgeable of Spanish and Latin American societies and will be more confident communicating in the target language. Students will also continue to study complex grammar structures and practice reading, writing, listening, and speaking skills introduced in Spanish I-IV.

AMERICAN SIGN LANGUAGE (FL)
This course introduces students to American Sign Language (ASL), the visual-gestural language used by the Deaf and Hard of Hearing communities. Students will learn the essential aspects of ASL, including grammar, vocabulary, and cultural norms. Emphasis will be placed on building conversational skills, comprehension, and proper signing techniques. Students will also gain insight into Deaf culture, history, and the community, fostering a respectful understanding of Deaf people and their language.

MATH

PRE-ALGEBRA (MA 100/105)

This course provides preparation for the study of algebra. Topics include a review of basic arithmetic skills including fractions and decimals, work with integers and order of operations, simplifying expressions with variables and an introduction to solving equations. A scientific calculator is required.

ALGEBRA (MA 160/165)

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 the use of a scientific calculator is included in this course. A scientific calculator is required.

HONORS ALGEBRA (MA 170/175)
Prerequisite: *Department Approval
This course is designed for students who have been exposed to basic Algebra topics. It includes all the concepts listed for Algebra. Students must qualify for this course through a department-sponsored test. A scientific calculator is required.

GEOMETRY (MA 210/215)
Prerequisite: MA 160/165 or Equivalent
This course studies plane geometry, including basic terminology, symbols and relationships of points, lines, rays, segments, angles, polygons, and circles. Basic logic skills are developed and applications of algebra to geometric concepts are emphasized. A scientific calculator is required.

HONORS GEOMETRY (MA 220/225)
Prerequisite: *Department Approval
This course includes all the concepts listed for Geometry. In addition, three-dimensional topics are explored, and formal proofs are emphasized. A scientific calculator is required.

INTERMEDIATE MATH (MA 250/255)
Prerequisite: Department Approval
This course is designed for the student who has completed Algebra and Geometry but would benefit from additional math work at a self-pace. Topics to be covered include number theory, problem solving, number patterns and basic Probability and Statistics. A scientific calculator is required. This class can be done online with the approval of the advisor.

ALGEBRA II (MA 350/355)
Prerequisite: MA 210/215 or higher
This course is designed to prepare students to use advanced algebraic skills and concepts in mathematics and other related disciplines. It includes a study of linear, quadratic, polynomial, trigonometric, and logarithmic functions. A graphing calculator is required.

MATH

HONORS ADVANCED ALGEBRA TRIG (MA 360/365)
Prerequisite: Department Approval
This course is designed for students with strong abilities in mathematics. It is a continuation of first-year algebra and stresses the function concept, analytic geometry, and trigonometry. Algebraic skills, as well as the structure of mathematics, are stressed. A graphing calculator is required.

PROBABILITY AND STATISTICS (MA 400/405)
Prerequisite: MA 350/355 or higher
This course is designed as a background to college mathematics and science courses by covering various topics related to higher level thinking skills. Topics covered include combinatorics, probability, statistics, logic and game theory. A graphing calculator is required.

PRE-CALCULUS AB (MA 410/415)
Prerequisite: MA 350/355 or higher
This course is preparation for Calculus. It includes the study of algebra, trigonometry, relations, conic sections, matrices, probability, limits and complex numbers with an emphasis on graphing functions. A graphing calculator is required.

A.P. CALCULUS AB (MA 550/555)
Prerequisite: MA 360/365 or MA 410/415 & Department Approval
An Advanced Placement (A.P.) course consists of a full academic year of work in calculus and related topics comparable in scope to one semester of the traditional college calculus course sequence. Students who take an A.P. course can seek college credit and/or placement from institutions of higher learning through the national A.P. examination. A graphing calculator is required. (Limited enrollment.)

MUSIC

MEN'S CHORUS (MU 100/105)

Prerequisite: Department Approval

This beginning choir of male voices will be exposed to and perform music from many different periods of history. Working on vocal technique, sight-reading skills, and theory will be stressed. Required performances may include (but are not limited to) the Christmas concert, spring concert and Fine Arts Concert.

WOMEN'S CHORUS (MU 110/115)

Prerequisite: Department Approval

This beginning choir of female voices will be exposed to and perform music from many different periods of history. Working on vocal technique, sight-reading skills, and theory will be stressed. Required performances may include (but are not limited to) the Christmas concert, spring concert, and Fine Arts Concert.

RED KNIGHT BAND (MU 120/125)

Prerequisite: Department Approval

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. The band performs at concerts throughout the year. Successful completion of this course will result in the student being ready for Concert Band (MU130). Students can choose flute, clarinet, saxophone, trumpet, or trombone.

DRUM LINE (MU 130/135)

Prerequisite: Department Approval

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.

MUSIC APPRECIATION (MU 150)

Prerequisite: Department Approval

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. Students will learn the names and backgrounds of several famous musical composers and their contribution to their genre.

MUSIC

CONCERT BAND (MU 220/225)
Prerequisite: Department Approval
A $10.00 uniform rental is required and a $25.00 fee for percussionists.
Through rehearsal and performance of basic music skills, the student has the opportunity to broaden his 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. During the concert season, the band performs at three major concerts, various music contests, and community events.

WOMEN'S TREBLE CHOIR (MU 230/235)
Prerequisite: Audition, Department Approval
This advanced women's choir of select voices will be exposed to and perform music from many different periods of history. Continued work on vocal technique, sight-reading skills, and theory will be stressed. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert, chapel services, Lutheran High Sundays, tour performances, and any other performances if given at least one month's notice.

ADVANCED MEN'S CHOIR (MU 240/245)
Prerequisite: Audition, Department Approval
This advanced men's choir of select voices will be exposed to and perform music from many different periods of history. Continued work on vocal technique, sight-reading skills, and theory will be stressed. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert, chapel services, Lutheran High Sundays, tour performances, and any other performances if given at least one month's notice.

CHAMBER STRINGS (MU 250/255)
Prerequisite: Department Approval
This ensemble is meant for those with some prior experience in strings. Emphasis will be placed on individual improvement in technique, music reading, rhythms, notes, and playing as a group. The ensemble will perform at concerts throughout the year. Students will be able to initially choose from violin and cello with the opportunity to shift to viola and double bass later.

JUBILEE CHOIR (MU 310/315)
Prerequisite: Audition, Department Approval
This advanced choir of mixed voices will be exposed to and perform music from the twentieth century primarily focusing on worship, gospel, and praise music. Continued work on vocal techniques, sight-reading skills, and theory is included. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert, chapel services, Lutheran High Sundays, tour performances, and any other performances if given at least one month's notice.

MUSIC

SYMPHONIC BAND (MU 320/325)
Prerequisite: Audition, Department Approval
A $10.00 uniform rental is required and a $25.00 fee for percussionists.
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. During the concert season, the band performs at three major concerts, various music competitions, and community events.

BEL CANTO CHOIR (MU 410/415)
Prerequisite: Audition, Department Approval
This advanced choir of select voices will be exposed to and perform music from many different periods of history. Continued work on vocal techniques, sight-reading skills, and theory is included. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert, chapel services, Lutheran High Sundays, tour performances, and any other performances if given at least one month's notice.

JOYFUL NOISE (MU 510)
Prerequisite: Audition
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.

PHYSICAL EDUCATION

FRESHMAN GIRL'S HEALTH AND FITNESS (PE 110)
The emphasis in girl's physical education on the freshman level is on weight training, fitness, team building through the ropes course, and the fundamentals of physical education as learned through participation in mostly individual sports.

FRESHMAN BOY'S HEALTH AND FITNESS (PE 120)
The emphasis in boy's physical education on the freshman level is on weight training, fitness, team building through the ropes course, and the fundamentals of physical education as learned through participation in mostly individual sports.

BEGINNING SWIM (PE 230)
Prerequisite: PE 110/120
This class is intended for the new swimmer who wants to learn how to swim. Red Cross levels 1 through 3 will be emphasized along with snorkeling. Skills will focus on strokes, kicks, turning, floating, and treading water.

HEALTH (PE 240)
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.

LIFETIME ACTIVITIES (PE 250)
Prerequisite: PE 110/120
This class will focus on activities that can be done throughout your lifetime and various outdoor activities. Activities may include but are not limited to, walking, jogging, golf, archery, volleyball, badminton, rock climbing, and the high ropes challenge course.

WOMEN'S FITNESS (PE 260)
Prerequisite: PE 110/120
This class is geared toward students interested in personalized weightlifting goals or lifting for strength and speed for athletics. The majority of class time will be spent in the weight room. Cardiovascular and speed training will balance time spent on strength training. Traditional sports will be played occasionally.

STRENGTH AND CONDITIONING (PE 265)
Prerequisite: PE 110/120
This class is geared toward students interested in personalized weightlifting goals or lifting for strength and speed for athletics. The majority of class time will be spent in the weight room. Cardiovascular and speed training will balance time spent on strength training. Traditional sports will be played occasionally.

PHYSICAL EDUCATION

ADVANCED SWIM (PE 330)
Prerequisite: PE 230 or Department Approval
This class is intended for the advanced swimmer who wants to improve upon his or her skills learned in Beginning Swim. Red Cross levels 4 through 6, fitness swimming, and timed strokes for improvement will be emphasized.

PHYSICAL EDUCATION LEADERSHIP (PE 400/410)
Prerequisite: Department Approval
This course is designed to equip the student with the skills of leadership through Physical Education. Students will work on peer leadership by assisting the PE instructor with PE I or elective courses as necessary. This course may be taken in place of a PE elective when three previous semesters have been successfully completed. (Limited Enrollment)

SUMMER PHYSICAL EDUCATION (PE 500)
Prerequisite: 3.0 Cumulative GPA, Must Carry 16 Credits during the School year, Department Approval, Fee of $175
Summer P.E. is a course designed to accommodate students who are not able to schedule all the classes they need or want in their schedule. This course is also only available to high achieving students. Students are expected to complete and document 60 hours of physical activity. The log/folders and mandatory evaluation days scheduled throughout the summer are the basis for assessment. (Limited Enrollment)

RELIGION

OLD TESTAMENT (RE 110/115)
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 prophesies and their fulfillment in Jesus Christ. This course (or RE 120/125) is required for all first-year students at Milwaukee Lutheran.

HONORS OLD TESTAMENT (RE 120/125)
Prerequisite: Instructor Approval
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 prophesies and their fulfillment in Jesus Christ. This course is designed for students who have a strong Biblical foundation and desire for deeper understanding.

LIFE OF CHRIST (RE 210/215)
This course focuses on the life of Christ as portrayed in the four Gospels with an emphasis on its impact on the personal life of the student. Through a study of Jesus Christ, we understand greater the need for a Savior and the salvation found through His death and resurrection.

HONORS LIFE OF CHRIST (RE 210/215)
Prerequisite: Instructor Approval
This course focuses on the life of Christ as portrayed in the four Gospels with an emphasis on its impact on the personal life of the student. Through a study of Jesus Christ, we understand greater the need for a Savior and the salvation found through His death and resurrection. This course is designed for students who have a strong Biblical foundation and desire for deeper understanding.

ACTS & ROMANS (RE 320)
This course studies the growth of the early Christian church as God's mission and its implications for us today. There is a focus on the Holy Spirit with His power to change our lives that are poured out through the pure power of the Gospel. Students will study the deep truths taught in the book of Romans. Emphasis will be placed on proper interpretation of Scripture and support for the authenticity and faithfulness of the Bible.

THE EPISTLES (RE 330)
This course studies the letters of Paul as found in the New Testament. These address both the spiritual and practical challenges of Christian living. Emphasis will be placed on proper interpretation of Scripture and support for the authenticity and faithfulness of the Bible.

CHRIST IN FILM (RE 340)

This course uses the themes and content of the modern film to convey Biblical truths. Through an exploration of modern storytelling, students will begin to identify, understand, and apply Scriptural principles found within the arts.

RELIGION

COMPARATIVE RELIGIONS (RE 350)
This course analyzes the beliefs and practices of major world religions – Islam, Hinduism, Buddhism, and Atheism. Students will use a Biblical worldview, to describe its core tenets and the fallacies in each system of belief.

MARRIAGE & THE FAMILY (RE 420)
This course covers a Christian understanding of the value of marriage in the culture of American society. The course is designed for students to see why God's design for marriage is best for the individual, couple, family and society. Class work and discussion are designed to give a basic understanding of personal relationships, communication skills, the importance of faith, finances and parenting within a Christian marriage.

CHRISTIAN APOLOGETICS & WORLDVIEW (RE 430)
This course helps explain why Christianity is true as well as helping students grasp the various worldview that permeate our culture. It analyzes different understandings of truth and reality. Students will be challenged to strengthen their own personal convictions and equip them to verbally defend and physically live out their faith.

THE BOOK OF REVELATION (RE 440)
This course includes a systematic study of James through Revelation, emphasizing relevant issues and current and events that relate to these books.

SCIENCE

PHYSICAL/LIFE SCIENCE (SC 110/115)
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 for the effective study of science such as: measurement, metric system, graphing, microscopy, scientific method, basic laboratory skills, data interpretation and writing the laboratory report.

BIOLOGY (SC 210/215)
Prerequisite: Concurrently taking MA 160/165 or higher
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.

HONORS BIOLOGY (SC 230/235)
Prerequisite: Concurrently taking MA 160/165 or higher
The course will cover all major fields in biology at an honors level; 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.

EARTH IN SPACE (SC 310)
Prerequisite: SC 210/215 and MA 160/165 or higher
Students will investigate the nature of Earth Science and inquiry, ecology, astronomy, time, seasons, mapping, and meteorology. Teaching methodologies include lectures, video presentations and laboratory investigations.

THE DYNAMIC EARTH (SC 320)
Prerequisite: SC 210/215 and MA 160/165 or higher
Students will investigate topography, watersheds, geology, plate tectonics, volcanoes, and earthquakes. Teaching methodologies include lectures, video presentations and laboratory investigations.

CHEMISTRY (SC 330/335)
Prerequisite: SC 210/215 and concurrently taking MA 210/215 or higher
Students in chemistry study the composition of matter and its changes. This includes the structure of the atom, chemical bonding, chemical reactions, and the states of matter. The skills and techniques of laboratory investigation, observation and analysis are emphasized.

PHYSICS (SC 350/355)
Prerequisite: SC 210/215 and concurrently taking MA 210/215 or higher
Students in this course will study in the following areas: mechanics, thermodynamics, wave motion phenomena and its relation to sound and light, electricity, and modern physics. Lab work is required.

SCIENCE

INTRODUCTION TO FORENSIC SCIENCE (SC 360)
Prerequisite: SC 210/215
Students will learn the methodology needed to evaluate a crime scene, the proper lab mechanics needed to evaluate evidence, and how to compare between a known and unknown. Students will learn how DNA, fingerprinting, and other forensic tests can be used to solve a crime. The learning strategies used will include lectures, labs, research, activities, and videos.

SUSTAINABLE AGRICULTURE (SC 370)
Prerequisite: SC 210/215
We all eat food. Where does it come from? How can the world be fed? How can we grow produce in an urban environment? Learn about sustainable agriculture and join the growing trend of urban agriculture. Students will learn about gardening, the farm-to-table food movement, and raising animals.

HONORS ANATOMY AND PHYSIOLOGY (SC400)
Prerequisite: Department Honors Application, SC 210, and has taken or is concurrently taking SC330 and SC350.
Students will build on information learned in biology and focus specifically on human anatomy and physiology. Through lectures, labs, and activities, students will review human anatomy and increase their knowledge of how the human body works. They will learn the language of anatomy and increase knowledge of the chemical, cellular, and tissue level of organisms before beginning some body systems. This course is beneficial for those taking anatomy in college. (Limited enrollment.)

HONORS MICROBIOLOGY (SC 410)
Prerequisite: Department Honors Application, SC210, and has taken or is concurrently taking SC330 and SC350.
Microbiology and Gross Biology are mirrored after college-level General Biology 1 and 2. It would be best to take them in succession to get the full college prep experience. Microbiology will focus on the scientific method, biochemistry, cells, enzymes and metabolism. (Limited enrollment.)

HONORS GROSS BIOLOGY (SC 420)
Prerequisite: Department Honors Application, SC210, and has taken or is concurrently taking SC330 and SC350.
Microbiology and Gross Biology are mirrored after college-level General Biology 1 and 2. It would be best to take them in succession to get the full college prep experience. Gross Biology will focus on classification and taxonomy, body systems, creation and evolution, and genetics. (Limited enrollment.)

HONORS INORGANIC CHEMISTRY (SC 430)
Prerequisite: Department Honors Application, SC330, and has taken or is concurrently taking SC350.
This Honors course is an individually structured course with extensive emphasis on laboratory work. Laboratory work includes quantitative analysis, chemical synthesis, and other experiments. An overview of general chemistry concepts and problems is also discussed. (Limited enrollment.)

SCIENCE

HONORS ORGANIC CHEMISTRY (SC 440)

Prerequisite: Department Honors Application, SC330, and has taken or is concurrently taking SC350.

This Honors course is an individually structured course with extensive emphasis on laboratory work. Laboratory work includes an introduction to organic chemistry lab techniques and preparations, qualitative analysis, and other experiments. An overview of general chemistry concepts and problems is also discussed. (Limited enrollment.)

HONORS PHYSICS (SC 550/555)

Prerequisite: Department Honors Application, SC350 and MA350 or higher.

This Advanced Placement (A.P.) course will offer a year of physics study for the upper-level science student. Through challenging content, each student will experience a semester of material from a trigonometry-based mechanics course at a college level. Content will include mechanics, electric circuits, and waves and sound. Lab work and extensive daily study time will be required. It is intended for students pursuing a science field for a career and/or wishing to earn college credit and/or higher placement from a college or university by scoring appropriately on the A.P. Physics 1 exam. The student is expected to take the A.P. Physics Exam in May. (Limited enrollment.)

SOCIAL STUDIES

GEOGRAPHY (SS 110)
This course will give students an understanding of World Geography and the socioeconomic and political culture of various countries around the world. The course will involve a good deal of experiential learning and real-life simulations.

CIVICS (SS 120)
This course will 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.

U.S. HISTORY I & II (SS 210/SS 215)

U.S. History I and II are semester length survey courses covering the history of our nation from pre-1492 to the present time. This course will be taught thematically, meaning that topics will be covered instead of chronologically. The course will help the student understand what it means to be an American by studying our past, traditions and national experiences. Topics covered in U.S. History I are government, culture, reforms, and economics. Topics covered in U.S. History II are expansion, depression/recovery, foreign policy and
domestic policy.

SOCIOLOGY (SS 310)
Prerequisite: SS 110/120 AND SS210/215
This class will focus on Sociological perspectives in analyzing the world we live in. While focusing on social interactions, this class will touch on culture, socialization, social structure, prejudice, deviance, and Sociological research. The goal of this class is for students to think in terms of Sociology and analyze real world interactions and issues through Sociological principles.

PSYCHOLOGY (SS 320)
Prerequisite: SS 110/120 AND SS210/215
The purpose of this course is to evaluate from a Christian perspective how psychology may be used to explain, predict, control, and improve human behavior. Students will gain a better understanding of chronological development; of how humans think, perceive, and learn; of how normality and deviancy are culturally defined; and of the biological and adaptive basis of behavior.

CONTEMPORARY ISSUES (SS 330)
Prerequisite: SS 110/120 AND SS210/215
Understanding current events of our present society will make it much easier for our students to perceive the trends that will influence their lives tomorrow. This course thoroughly covers the issues and trends (economic, racial, religious, governmental, etc.) displayed in the media and other forms of information. Students actively participate in discussions, projects, cooperative teams, and problem-solving activities as they relate to current course content.

SOCIAL STUDIES

AFRICAN AMERICAN HISTORY (SS 360)
Prerequisite: SS 110/120 AND SS210/215
African American history is a semester length course that will specifically explore and analyze the experience of African Americans within the broader scope of American history. Beginning with a general history of Africa, this course will proceed chronologically through the present day. Students will learn about notable events, people, and places, with additional in-depth discussions of art, literature, music, and general evolution of African American culture over several hundred years. This course is designed to provide students with a more comprehensive understanding and appreciation for the history of African Americans."

FREE ENTERPRISE IN BLACK AMERICA (SS 365)
Prerequisite: SS 110/120 AND SS210/215
This course illustrates the historical impact and importance of Free Enterprise for the Black community in America. It will explore the history of black enterprise and demonstrate that entrepreneurship and business development are vital to Black history and Black culture.

CRIMINAL JUSTICE (SS 370)
Prerequisite: SS110/120 and SS210/215
This semester-long course is intended to familiarize students with the concepts, theories, and practices present in the study of crime and law. In developing effective citizens, the course is designed to provide students with an understanding of the criminal justice system using real American criminal cases. Understanding crimes and consequences allows students to gain a further civic understanding of our legal system and its impact on society and the effects of crime on victims, the criminal, and society. Students will examine sociological, psychological, and biological theories behind criminal behavior.

ECONOMICS (SS 430)
Prerequisite: SS 110/120 AND SS210/215
This course covers the basic concepts of economics: scarcity, the market system, business and its organization, production, supply and demand, money banking, the business cycle, government involvement, competition, and trade. Varying viewpoints to current problems are presented, and opportunity is provided to practice economic skills. Audio-visual aids supplement the textual and classroom presentations.

HONORS GOVERNMENT (SS 450)
Prerequisite: SC110/120 and SC 210/215
This course deals with the basic ideal of political behavior and the operation of American government. It includes such topics as political influence, citizen participation, political parties, the role of the President, and the decision-making process. Brief stories and case studies are used to capture the vitality and drama of politics. Simulations, games, surveys, and films are also used. Students will be encouraged to participate in real-life politics.

SOCIAL STUDIES

A.P. WORLD HISTORY (SS 500/505)
Prerequisite: Department Approval
This Advanced Placement course will offer an intensive, college level study of the world (1500 BC to Present) for the upper-level social studies student. Students will experience college level topics and material in World History through a rigorous and challenging curriculum. The course is intended for students pursuing a career in social sciences and/or desire to earn college credit and/or placement from a college by scoring appropriately on the AP examination given annually in May. (Limited enrollment)

A.P. U.S. HISTORY (SS 550/555)
Prerequisite: Department Approval
This Advanced Placement (A.P.) course will offer an intensive, college level study of United States history for the upper-level social studies student. Students will experience college level topics and material in American history through a rigorous and challenging curriculum. The course is intended for students pursuing a career in social sciences and/or desire to earn college credit and/or placement from a college by scoring appropriately on the A.P. exam given annually in May. (Limited enrollment.)

A.P. PYSCHOLOGY (SS)
Prerequisite: Department Approval
The AP Psychology course is designed to dive deeper with students to the scientific study of behavior and mental processes. It covers a broad range of topics that provide a comprehensive overview of the field of psychology.

A.P. AFRICAN AMERICAN HISTORY (SS)
Prerequisite: Department Approval
This course explores the rich and complex history of African Americans from the transatlantic slave trade to contemporary society. Through a combination of lectures, readings, discussions, and research, students will gain a deep understanding of the political, social, economic, and cultural experiences of African Americans throughout U.S. history. Key topics include slavery, abolitionism, the Civil War, Reconstruction, the Harlem Renaissance, the Civil Rights Movement, and the ongoing struggles for racial justice and equality in modern America. The course will also emphasize the contributions of African Americans in shaping American society, highlighting influential figures, cultural movements, and the role of African Americans in challenging systemic oppression. By the end of the course, students will have developed a nuanced perspective on the intersection of race, history, and identity in the United States.

INDUSTRIAL ARTS

INTRODUCTION TO TECH AND ENGINEERING EDUCATION (TE 110)
This semester course is designed to teach the student life-skills in hand and power equipment. Through the construction of various projects, the student will learn tool safety skills, measurement, quality control, and production.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.

THEATRICAL DESIGN (TE 130)
Theatrical Design will focus on teaching students the four artistic areas of theatre as laid out in the DPI (Department of Public Instruction) State Standards. Students will learn various areas of technical theatre and work toward the basics of theatrical design and production. The main assessment for this course will be the successful completion of the set for the semester show. This course's goal will be to introduce students to the variety of career opportunities in Theatre and to evaluate the historical and cultural relationships between theatre and other disciplines and how it can impact society.

ARCHITECTURAL DESIGN (TE 210)
Prerequisite: TE 110
This semester course is designed to expose students to architecture, interior design, and construction. Topics of study will include architectural styles, Computer Aided Design (CAD), design elements and principles, home layout, building materials, and the construction process.

SMALL ENGINES (TE 220)
Prerequisite: TE 110 or TE120
Students will learn key mechanical concepts to service lawn mowers, power washes, and more. This course will provide students with a working knowledge of basic small engine repair to understand different components of engines and how they work together. Students will learn basic operation of engines and be able to identify and troubleshoot parts of engines. The course ends with a capstone project of disassembling and reassembling an engine, including a test for functionality.

WOODWORKING (TE 230)
Prerequisite: TE 110
This course is designed to build on the fundamental skills developed in fabrication and assembly. Students will learn to use additional tools, machinery, and techniques to build more complex projects. Students will also learn to develop, design, plan, and estimate projects and how to set up and maintain shop equipment. Students will learn to incorporate CNC manufacturing into their projects.

WELDING (TE 240)
Prerequisite: TE 110
Students will learn the fundamentals of metal working while looking at cutting, forming, and the joining of metal materials. Students will also learn some blueprint reading, the identification of symbols, and welding theory culminating with a capstone project which encompasses the different skills acquired throughout the semester.

INDUSTRIAL ARTS

COMPUTER AIDED DESIGN (TE 260)
Prerequisite: SC 210/215
Students will expand on the introduction to CAD from Introduction to Engineering to investigate the subject in more depth. Areas of study will include assemblies, animations, engineering drawings, and blueprint reading. Additional emphasis will be placed on the relationship between design and manufacturing.

MACHINING (TE 270)
Prerequisite: TE110
Students will learn metal machining basics. Students will be able to learn the operations of a manual lathe and knee mill. Students will also learn the basic operations of programming and operating a CNC mill. The skills and machine operations taught in this course are the foundation for anyone who has either a hobby or career interest in a metal shop.

BUILDING TRADES (TE 310)
Prerequisite: TE 110 & TE 210
This course is designed for students to survey various building trades and develop the skills necessary to pursue a career in the construction industry. Trades explored in this class include electrical, plumbing, and carpentry among others.

ENGINEERING DESIGN AND ROBOTICS (TE 330)
Prerequisite: TE 120
This course will teach the basics of engineering and robotic block coding through the construction, programming, and evaluation of drones.

ELECTRONICS (TE 350)
Prerequisite: TE 120
This course is designed to expose students to the world of electronics. Students will learn the theory of electric circuits and their many applications. The course will culminate in a capstone group project in electronics.

TECHNICAL EDUCATION INDEPENDENT STUDY (TE 410)
Prerequisite: Department Approval
Students will work alone or in small groups with other Independent Study students on various enrichment projects. Projects will vary based on the content group of courses completed prior to independent study. Students are eligible if they have completed all courses in a content group (Home Design, Woodworking, or Engineering Design).

TRANSITION

FUNDAMENTAL ENGLISH (EN 900)
Next Offered: 2025-2026
Prerequisite: Department Approval
This course for students in Grades 9 and 10 will reinforce and improve the students' knowledge and use of grammar, vocabulary, and parts of speech. Students will learn how to correctly write simple, complex, and compound sentences. They will also learn to write and revise paragraphs that inform, persuade, or tell a story. Additionally, students will explore business and personal writing.

FUNDAMENTAL WORLD LITERATURE (EN 910)
Next Offered: 2024-2025, 2026-2027
Prerequisite: Department Approval
This course will enhance students' understanding of literature through exposure to various genres from around the world. Additionally, word attack and comprehension skills will be enhanced as students study short works of fiction, nonfiction, drama, poetry, persuasive literature and humorous literature.

PRACTICAL ENGLISH (EN 930)
Next Offered: 2024-2025, 2026-2027
Prerequisite: Department Approval
This course offers students the opportunity to learn life-skills applications of the English language. Through skill-based lessons, vocabulary, and frequent practice and review, students will be able to make the important connection between basic English skills and their own lives. Topics include shopping, communicating in the workplace, English for independent living, citizenship, health and safety, recreation and personal expression.

PRINCIPLES OF COMMUNICATION (EN 950)
Next Offered: 2025-2026
Prerequisite: Department Approval
Semester 1 of this course offers thorough instruction in the fundamentals of writing sentences and paragraphs and leads to learning to write for various academic and life purposes. In the second semester, in addition to continuing instruction about writing for different purposes, students will explore formal and informal oral communication skills. Through research, writing, and classroom presentations, students will learn about non-verbal communication; group dynamics and communication; listening skills; and communication in the workplace.

MATH 9, 10 (MA 900, MA 910)
Prerequisite: Department Approval
This course is an individualized skill development course in basic math calculations. Students will work at an individual pace to master basic mathematical operations. Those that finish the 150 objective Accelerated Math program will be prepared for Pre-Algebra. Students who have struggled in other math courses may use this course to hone up on skills they are lacking to gain math competency.

LIFETIME MATH 11, 12 (MA 920, MA 930)
Prerequisite: Department Approval
This course is an individualized skill development course in basic math calculations and real-life mathematical skills. Students in these classes will continue to develop their math computation and processing skills and learn to apply them in real-life situations.

***Transition students are placed in Physical Science and Life Science (regular course offerings) as freshmen.**

TRANSITION

GENERAL SCIENCE (SC 900)
Next Offered: 2024-2025, 2026-2027
Prerequisite: Department Approval
This course is designed to give a well-rounded understanding of basic physical science principles and explore various fields of science using materials at a reading level that promotes success for students who struggle in reading and/or math. A variety of learning strategies are utilized to enhance this science experience.

FUNDAMENTAL BIOLOGY (SC 910/915)
Next Offered: 2023-2024, 2025-2026
Prerequisite: Department Approval
This course is designed to give a well-rounded understanding of basic biology principles using material at a reading level that promotes success for students who struggle in reading and/or math. A variety of learning strategies are utilized to enhance this science experience.

INTRODUCTION TO WORLD COMMUNITIES (SS 900)
Next Offered: 2026-2027
Prerequisite: Department Approval
This course is designed to give a well-rounded understanding of communities in various parts of the world, which may include Africa, Asia, Europe, North America and South America using materials at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this experience.

FOUNDATIONS OF U.S. HISTORY 1 & 2 (SS 910 & SS920)
Next Offered: 2024-2025, 2027-2028
Prerequisite: Department Approval
This course is designed to give a well-rounded understanding of the development of the United States using a textbook that is at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this history experience.

BASIC ECONOMICS (SS 930)
Next Offered: 2025-2026, 2028-2029
Prerequisite: Department Approval
This course covers the basic concepts of economics including production, supply, demand, money, banking systems and the stock market. Materials and activities used in this course are at a reading level that promotes success for students who struggle with reading. A variety of learning strategies are utilized to enhance this experience in economics.

FOUNDATIONS OF GOVERNMENT (SS 940)
Next Offered: 2025-2026, 2028-2029
Prerequisite: Department Approval
This course deals with the basic ideals of political behavior and the operation of American government. It includes topics such as political parties, the role of the president, citizenship and the decision-making process. The textbook used is at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this topic.