

Holy Savior Menard Central High School

Junior High Course Curriculum Guide

www.holysaviormenard.com

ART / FINE ARTS DEPARTMENT

Art I

1 high school credit

For HONOR Students: This is a full year course for those students with exceptional talent in Art. This art opportunity helps students expand perceptive, interpretative, and analytical abilities; develop a visual vocabulary; express ideas and feelings both visual and verbal means. Students develop their skills with a wide variety of art media and techniques. Admission to this course is by applied admission before the start of the new school year.

Applicants must submit 3 pieces of work - - 2 pencil drawings and 1 color drawing or painting. All entries must be submitted with registration application.

ENGLISH DEPARTMENT

English 7

This course will emphasize the strengthening of basic skills in grammar and composition. Students will become familiar with writing as a process as they improve their sentence and paragraph writing skills.

Attention is also placed upon the development of vocabulary and research skills. Outside reading will be required.

English 7 Honors

Emphasis will be placed in the relationship between grammar and composition. The students will become familiar with writing as a process as well as becoming proficient in writing various types of paragraph. Attention is also placed upon the development of vocabulary and research skills. An increased amount of outside reading is required.

Prerequisite: based on standardized test scores and previous English grades (no grade lower than a B).

English 8

Emphasis will be placed on grammar and compositions. The students will become familiar with writing as a process as they improve their sentence and paragraph writing skills. Attention is also placed upon the development of vocabulary and research skills. Outside reading will be required.

English 8 Honors

Emphasis will be placed on the development of advanced grammar skills with application in composition. Sentence and paragraph skills are improved with an introduction to essay writing. Vocabulary and research skills are further developed. An increased amount of outside reading is required.

Prerequisite: Based on standardized test scores and recommendation of English teacher, previous English grade (no grade lower than a B).

Reading 7 / Accelerated Reader

Individual and group work including review and instruction in comprehension skills, vocabulary, skimming, and context clues will be offered. Some class time will be spent in sustained silent reading, with emphasis in comprehension. Practice in creative writing and basic composition will be offered. Students will be exposed to novel study through the Accelerated Reader program.

Reading 8 / Accelerated Reader

This course is designed to reinforce and develop the comprehensive reading skills necessary for success in high school English courses. Students will learn the skills necessary to evaluate different genres, such as short stories, drama, and poetry. Novel reading will be conducted through the Accelerated Reader program.

FOREIGN LANGUAGES DEPARTMENT

French I

1 high school credit

For HONOR Students: This course is offered to honors eighth grade students for high school credit. French I is designed for the student who has little or no previous foreign language education. This course introduces the basic grammar and pronunciation fundamentals. Active participation in reading, writing, listening, and speaking activities helps form the foundation for oral and written communication. French culture is explored through class discussion and individual projects. Prerequisite: A minimum language score of 86 in the national percentile on the most recent standardized test and no grade lower than a "B" in the previous language class.

Spanish I

1 high school credit

For HONOR Students: This course is offered to honors eighth grade students for high school credit. Spanish I is an introduction to basic conversational skills through the instruction of grammar, vocabulary, and pronunciation fundamentals. Active oral use of the language is stressed in contextual situations as well as through the development of reading, writing, and listening skills. Introduction of Spanish culture is also incorporated through class discussion and individual projects. Prerequisite: A minimum language score of 86 in the national percentile on the most recent standardized test and no grade lower than a "B" in the previous language class.

MATHEMATICS DEPARTMENT

Math 7

This course includes skill development in basic arithmetic functions with introduction to algebraic and geometric concepts. Selected concepts of Pre-Algebra will be covered.

Math 7 Honors (Pre-Algebra)

In the first quarter students will work with four fundamental operations on whole numbers, fractions, decimals and addition, subtraction, multiplication, and division equations using these. The remaining three quarters are designed to learn about operations with integers including equations, ratio, proportion, percent, some geometry including perimeter, area, volume, graphing equations and other topics of Algebra.

Prerequisite: Based on standardized test scores and previous math grade (no grade lower than a B)

Pre-Algebra

In the first quarter students will work with four fundamental operations on whole numbers, fractions, decimals, and addition, subtraction, multiplication, and division equations using these. The remaining three quarters are designed to learn about operations with integers including equations, ratio, proportion, percent, some geometry including perimeter, area, volume, graphing equations and other topics of Algebra.

Algebra I Honors

1 high school credit

Algebra I (H) is the first course in a college-preparatory program. Student will develop skills to solve linear equations and inequalities in one variable, to factor polynomials, to reduce and perform operations on algebraic fractions, and to graph and solve linear equations, quadratic equations and radicals. If time permits, some time is given to introductory probability.

Prerequisite: Based on standardized test scores and teacher recommendation, previous math scores (no grade lower than a B)

PHYSICAL EDUCATION AND HEALTH DEPARTMENT

Health And Physical Education

This course may be taken by students in the 7th through 12th grades. It consists of basic skills in team sports, physical fitness and health education. CPR is also taught. Lifetime sports will also be covered. Courses will be designed to fit the individual student's ability.

RELIGION DEPARTMENT

Religion 7

The student will discover, through a study of the Sacraments, the importance of the role of grace in each person's life. By looking at the Covenants and God's act of reaching out to mankind to bless each, students will come to better appreciate the Sacrament which Jesus establishes. The ministry of Christ continues through the Church and each person is able to encounter Jesus through the Sacraments. Students will also study the value and power of the Holy Spirit. **Textbook used:** *Our Life of Grace* (Faith and Life Series, Ignatius Press).

Religion 8

The student will deepen his/her understanding and appreciation of the Church. Examining the history of the Church from the community of disciples and the spreading of the Good News to the present day, each student will discover the presence of the Holy Spirit as he guides the Church and inspires Her members. The student will learn the value of prayer in relationship with God and how each one can bring about the fullness of the Kingdom Jesus preaches in his/her life. **Textbook:** *Our Life in the Church* (Faith and Life Series, Ignatius Press).

SCIENCE DEPARTMENT

Science 7

This required course is an overview of the biosphere to include varieties of life, conditions for life, and life-sustaining processes of all living things from single-cell organisms to the human body.

Science 7 Honors (Life and Earth Science)

This required course is an overview of the biosphere to include varieties of life, conditions for life, and life-sustaining processes of all living things from single-cell organisms to the human body. Major topics in Science 8 including mapping, meteorology, astronomy, etc. will also be discussed. This course is designed for the student who will schedule physical science in the 8th grade.

Prerequisite: Based on standardized test scores and previous science scores (no grade lower than a B)

Science 8

This course is based upon geology of the earth including mapping, matter, minerals, and changes that occur. It also includes other topics that describe the earth as a planet such as weather, erosion, environment, and the universe.

Physical Science Honors

(1 high school credit)

This course includes a general study of the principles of basic chemistry and physics with a greater emphasis on the mathematical approach. Topics include energy, mechanics, work, electricity, types of chemical reactions and solutions.

Prerequisite: Based on standardized test scores and teacher recommendation, previous science scores (no grade lower than a B).

SOCIAL STUDIES DEPARTMENT

Louisiana History

This 7th grade course offers the student the opportunity to study the unique story of Louisiana. It includes all aspects of the social sciences, beginning with the geographic setting and ending with modern Louisiana. The course content gives the student a better understanding of Louisiana's history and development.

American Studies

This 8th grade course is an overview of American history with emphasis on history through the Civil War. (History from the Civil War to the present will be covered in a brief survey in 8th grade and in detail in high school.) Students will participate in the Holy Savior Menard Social Studies Fair; winners will participate in the regional and state fairs.

Holy Savior Menard Central High School Curriculum Guide

ART / FINE ARTS DEPARTMENT

Art I (1 Credit)

An art opportunity for all students, this course helps students develop perceptive, interpretative and analytical skills. Students build a visual vocabulary, integrating aesthetics, criticism, history and studio production. Students explore a variety of projects using a wide number of artistic techniques and media. Annual museum trip to view a regional art exhibit. Annual student art exhibit.

Art II (1 Credit)

A detailed and advanced study for students who want to continue art through aesthetics, criticism, history and studio production. Students process and interpret visual information; continue to build a visual vocabulary and apply the three elements of art and principles of design through creative art production in both 2-dimensional and 3-dimensional art works. Students explore computer design assignments in the computer lab. Annual museum trip to view a regional art exhibit and local art excursions when possible. Annual student art exhibit. **Prerequisites:** Art I or Fine Arts Survey.

Art III (1 Credit)

A more challenging studio experience in art, this course is designed to continue student development of personal style, techniques and media with added emphasis on self-expression and perfecting art skills through aesthetics, criticism, history and studio production. Computer art production is included. Field trips to local museums, artist's studios and painting on location are part of this course, as well as an annual museum trip to view a regional art exhibit. Annual student art exhibit. **Prerequisites:** Art I and Art II.

Art IV (1 Credit)

A senior level course for students planning to major in art or work in an art-related field, this course is set up for individual study designed to meet the personal interests and needs of the student continuing to develop a strong knowledge of aesthetics, criticism, history and studio production. Computer art production is included. Field trips to local museums, artist's studios, painting on location, and an annual museum trip to view a regional art exhibit. Annual student art exhibit with individual senior exhibit. **Prerequisites:** Art I, II, and III

Fine Arts Survey (1 Credit)

This comprehensive program of study is designed to provide students with a history of art, music, drama and dance beginning with prehistoric times and concluding with modern times. Students will develop and artistic vocabulary through aesthetics, criticism, history and studio production in the four art areas. Recommended for the college-bound junior and senior students. Field trips to local museums and artistic presentations, annual museum trip to view a regional art exhibit. Annual student art exhibit.

Theater Arts I (1 Credit)

This course is designed to develop the skills necessary to become an effective communicator. Skills such as learning to have self-confidence, to listen carefully, to organize ideas, to prepare and practice, to be aware of nonverbal messages and to develop interpersonally are a few areas that will be studied. Students will also study improvisation, voice control, and oral interpretation. Students are responsible for producing the annual musical and must be involved on or off stage. **Prerequisite:** Permission of the instructor.

Theater Arts II (1 Credit)

This class will be exploring the art of acting and different aspects of the stage. Some lessons are monologs, set design, costuming, puppetry, make-up and Theater "business." Students are responsible for producing the annual musical and must be involved on or off state. **Prerequisite:** Permission of the instructor.

Speech (1 Credit)

Speech class includes informative, demonstration, visual aid and after dinner speeches. In addition, oral interpretation of children books, poems, cutting of plays, and books will be studied and presented. Basic parliamentary procedure will be learned by forming a club and following the rules. Lastly, pantomime, basic acting situations, and short drama cuttings will be introduced and mastered. **Prerequisite:** Grades 10-12

COMPUTER DEPARTMENT

Computer Applications (1 Credit)

Computer Applications offers students the fundamentals of various computer programs. Students will learn basic word processing, database, and spreadsheet programs, as well as basic Internet, desktop publishing, graphic arts, and web page design skills.

Computer Science (1 Credit)

Computer Science offers juniors and senior students the chance to learn the fundamentals of using the Internet as a research tool. Students learn how to navigate the web, to utilize all the communication opportunities the Internet offers (such as email, blogs, video, etc.), and to locate useful information from quality web-based sources.

ENGLISH DEPARTMENT

English 1 (1 Credit)

This course will integrate composition skills and vocabulary in a genre-based approach to the study of literature. Short story, classical drama, novel and poetry will be studied. Students will be required to read books of their own choosing (approved selections) outside class.

English 1 Honors (1 Credit)

Honors English 1 covers the same general categories of English as English 1, with additional reading and writing required. Outside reading will be required. Students will also do a project, in connection with the study of classical drama of Shakespeare. Cultural awareness will be emphasized. **Prerequisites:** Honor standing, no semester average below B in previous English class, qualifying standardized test scores, and teacher recommendation.

English II (1 Credit)

This course will incorporate vocabulary, composition, and cultural literacy in a comprehensive, chronological survey of American Literature. The study of literature will follow the evolution of American letters from the pre-belletristic writing of the 16th century to the present. **Prerequisites:** Credit earned in English I or English I Honors.

English II Honors (1 Credit)

Course content will be basically the same as above with more in-depth study and additional reading. Supplemental texts will be used. **Prerequisites:** Honors standing, no semester average below B in regular English classes, credit earned in English I or English I Honors, qualifying standardized test scores, and teacher recommendation.

English III (1 Credit)

This course includes a chronologically study of British literature with historical and cultural background material. Composition will be emphasized, and a research paper or project is required. **Prerequisites:** Credit earned in English I or English I Honors and English II or English II Honors.

English III Honors (1 Credit)

This course gives honor students a survey of important British literature. The course will include cultural, societal, historic and religious influences on the literature. **Prerequisites:** Honors standing, no semester average below B in regular English classes, credit earned in English I or English I Honors and English II or English II Honors, qualifying standardized test scores, and teacher recommendation.

English IV (1 Credit)

The primary focus in English IV will be a year-long study of composition, with emphasis on various types of writing, including personal essay (needed for college applications), letter-writing, resume, and research paper. Selections from world literature will be used as an impetus for writing and to give variety to the class. Vocabulary study and outside reading will be included. **Prerequisites:** Credits earned in three previous English courses.

English IV Honors (1 Credit)

This course will cover the same skills as English IV and will add more challenging composition skills, such as critical / analytical and creative writing. **Prerequisites:** Honors standing, no grade below B in previous English classes, and teacher recommendation.

AP English IV (1 Credit)

This course is an in depth study of English and world literature, with academic writing and speaking experiences. The content includes additional interpretative work and advanced theme writing, stressing style and maturity. A research paper will be on a literary topic. This course should lead the student toward testing out of college English courses. **Prerequisites:** Honors standing, no semester average below a B and teacher recommendation.

ENHANCEMENT COURSES

Adult Responsibilities (1 Credit)

This course will prepare students for entering into the professional world. Students discuss colleges, majors, and other technical fields. They will receive help in resume' writing, opening and maintaining an account, taxes, preparation for interviews as well as family studies. **Prerequisite:** Senior status.

Psychology (1 Credit)

Basic knowledge about the science of mind and behavior will be included in this course. **Prerequisite:** Junior or senior standing.

Philosophy Honors(1 Credit)

This course will allow the student to enter the world of the philosopher and the concerns of philosophy. The student will be exposed to methods of critical thinking and basic logic, as well as view the major movements and figures of western philosophy. This study will allow the student to develop a greater appreciation for world-views throughout history and help each to appreciate the values of thought in their daily life. **Textbook used:** *Questions that Matter: An Invitation to Philosophy* (McGraw-Hill)

FOREIGN LANGUAGE DEPARTMENT

French I (1 Credit)

This course is designed for the student who has little or no previous foreign language education. French I introduces the basic grammar and pronunciation fundamentals. Active participation in reading, writing, listening and speaking activities help form the foundation for oral and written communication. French culture is explored through class discussion and individual projects. **Prerequisite:** Current English grade must be a C average.

French II (1 Credit)

The basic fundamentals learned in French I are used to improve reading and writing skills. Active participation in contextual communication activities prepares the students for increased fluence. A better understanding of the French people is enhanced through class discussions and individual projects. **Prerequisite:** French I

French III (1 Credit)

Active use of the language is the focus through guided discussion, conversations and selected prose readings. Students also study advanced French grammar. Advanced vocabulary study is added to increase communication skills. Little English is spoken by teacher or student. **Prerequisite:** Current English grade must be a C average.

Spanish I (1 Credit)

This course is an introduction to Spanish. Basic conversational skills are taught through grammar, vocabulary, and pronunciation fundamentals. Active oral use of the language is stressed in contextual situations as well as through the development of reading, writing and listening skills. Introduction to the Spanish culture is also incorporated through discussion and individual projects. **Prerequisite:** Current English grade must be a C average.

Spanish II (1 Credit)

More advanced grammar techniques are taught to enhance linguistic and conversational fluence. More emphasis is on original compositions and dialogues. There is an introduction to the culture of Latin America through reading, discussion and projects. A solid Spanish 1 background is necessary. Little English is spoken. **Prerequisite:** Spanish I

Spanish III (1 Credit)

Emphasis is on guided, discussion-oriented conversations and short stories while fine-tuning grammatical aspects. Advanced vocabulary is added for more accurate expression. Active participation is a must. Little English is spoken by teacher or student. **Prerequisites:** Spanish I and II.

Spanish IV (1 Credit)

Emphasis is on conversation, literature, and cultural issues while practicing grammatical aspects. Active participation is necessary. Little English is spoken. **Prerequisites:** Spanish I, II, III.

JOURNALISM DEPARTMENT

Journalism I (1 Credit)

The first half of this course is a survey of the basics of writing news, features, editorials, reviews, and sports, newspaper history, and journalism law and ethics. The second half focuses on the basics of writing headlines and cut lines, editing, layout design, and photography. The class produces the student newspaper quarterly. Above average typing skills are highly recommended, but not mandatory. Class size is limited. **Prerequisite:** B or better in English

Journalism II (1 Credit)

This course covers the basics of broadcast journalism, radio and TV including interviewing, news writing, and radio/TV production. The class plans, produces, edits, and airs a 10-15 minuted television program that is aired monthly throughout the school. Class size is limited. **Prerequisite:** Journalism I.

Publications Lab I & II (1 Credit)

The first half of this class focuses on desktop publishing and learning the mechanics of putting together a yearbook. The second half of the course offers students who have taken Journalism I a chance to work on the student yearbook in a non-classroom environment. Students must have the initiative to work alone and meet hectic deadlines. Class size is limited.

MATHEMATICS DEPARTMENT

Algebra I (1 Credit)

Algebra I is the first course in a college-preparatory program. Students will develop skills to solve linear equations and inequalities in one variable, to factor polynomials, to reduce and perform operations on algebraic fractions, graph linear equations in the coordinate plane in order to develop general problem solving skills.

Algebra I Honors (1 Credit)

The Honors Algebra I course includes the content of Algebra I and also treats linear functions, solving systems of linear equations and radicals. If time permits, some of the time is given to introductory probability.

Prerequisite: Qualifying standardized math scores, previous year's grade (no semester average lower than a B), and teacher evaluation.

Geometry (1 Credit)

Geometry develops the skills of inductive and deductive reasoning through the study of properties of plane figures. It also requires mastery of two-column deductive proofs. **Prerequisite:** Algebra I

Geometry Honors (1 Credit)

Geometry Honors exceeds the requirements of the regular geometry course. It requires a more in-depth study of complex concepts of polygonal regions and solid figures than those offered in the regular geometry course. **Prerequisites:** Algebra I or Algebra I Honors, and qualifying standardized test scores, previous year's grade (no semester average lower than a B), and teacher evaluation.

Algebra II (1 Credit)

Algebra II is designed to complete the student's mastery of the basic algebraic skills learned in Algebra I and to teach the student to use these skills to solve various problems. It introduces complex numbers, examines polynomial, quadratic, exponential and logarithmic functions algebraically and graphically. The foundations of trigonometry are introduced. **Prerequisites:** Algebra I and Geometry

Algebra II Honors (1 Credit)

The course covers the material of Algebra II, but with more emphasis on theory. The student is also introduced to linear programming. Additional selected topics of trigonometry are covered.

Prerequisites: Algebra I(H) and qualifying standardized test scores, previous year's grade (no semester average lower than a B), and teacher evaluation.

Advanced Mathematics (1 Credit)

The purpose of Advanced Math is to prepare students for college algebra, college trigonometry and Pre-Calculus. The course will begin with an extensive review of Algebra and Analytic Geometry. Topics covered after the review will be conics, matrices, and trigonometry. **Prerequisite:** Algebra II and Geometry.

Pre-Calculus (1 Credit)

Pre-Calculus will prepare students for college trigonometry and Calculus. Topics covered will be trigonometry, functions, derivatives and integrals. **Prerequisites:** Honors Algebra I and II, Honors Geometry or Pre-Calculus or teacher approval.

AP Calculus (1 Credit)

AP Calculus consists of work in calculus and related topics, comparable to courses in colleges and universities. Major topics are elementary functions, differential calculus, and integral calculus.

Prerequisite: Advanced Mathematics

PHYSICAL EDUCATION AND HEALTH DEPARTMENT

Physical Education (1 Credit)

This course may be taken by students in the 9th through 12th grades. It consists of basic skills in team sports, physical fitness and health education. CPR is also taught. Lifetime sports will also be covered. Courses will be designed to fit the individual student's ability.

Driver Education and Traffic Safety (½ Credit)

This course is offered during the spring semester in the evening. Basic driving laws, safety procedures, and practical experience are included in course content. Application for class must be made in the spring semester.

RELIGION DEPARTMENT

Religion I (1 Credit)

(Fall Semester)

The student will focus their thoughts on the literature, history, and religious significance of the Old Testament. Through this emphasis, the student will better be able to understand and interpret Scripture as well as becoming aware of the history of the Israelite people and their view of God. The student will journey with the Chosen People from their call through Abraham, to their freedom through Moses, to their time as a nation and kingdom in the Promise Land. The student will come to realize that God guides his people to an ever deeper relationship with him, as he prepares the world for the fullest revelation through his Son.

(Spring Semester)

The student will study the writings of the New Testament and how they help us to gain a full picture of who Jesus is as well as the understanding of the role of the Church in the early centuries of its existence. The student will continue his/her journey toward God as the course examines Jesus as presented in the Gospels. The student will also come to recognize the call of God to each person to bring the faith he/she has to others. Through an examination of the writings of the New Testament, meant to instruct, admonish, and encourage believers, the student will have a deeper understanding on how he/she can live a life of faith in the world.

Textbook used: *Understanding The Scriptures: A Complete Course On Bible Study* (The Didache Series - Midwest Theological Forum)

Religion II (1 Credit)

The student will discover the value of the Church in the world and in his/her personal life. To help the student in this task, the key figures of the Church along with the major theological developments and movements within the Church, including the triumphs and obstacles, will be examined. Through exploration of the legacy of Christ's teachings that continue through the Church and Her members, the student will see how he/she is called to continue the message of Christ in this day and age.

Textbook used: *The History of The Church: A Complete Course* (The Didache Series - Midwest Theological Forum)

Religion III (1 Credit)

The student will receive a thorough foundation in moral values. Through the examination of Scripture, Natural Law, and Christian teaching as presented by the Catholic Church, each student will gain a deeper understanding of the moral issues that exist in the world of today. With this understanding, the student will develop skills with which to make thoughtful well-informed decisions in his/her day-to-day life, and be more prepared to face the new challenges the ever-changing world presents to the moral conscience.

Textbook used: *Our Moral Life in Christ: A Complete Course* (The Didache Series - Midwest Theological Forum)

Religion IV: (1 Credit)

The student will spend this year looking at all major themes which have been touched on throughout their schooling at Holy Savior Menard. This year's focus is on the basic foundational teachings of the Catholic Church. A look at the interpretation of Sacred Scripture through the eyes of early Church leaders and the evolution of magisterial teachings throughout the history of the Church will be examined. The sacramental life of the Church as well as social justice will also be studied. **Textbook used:** *Introduction To Catholicism: A Complete Course* (The Didache Series - Midwest Theological Forum)

Religion IV [MAC] (1 Credit)

This course is by invitation and counts for Religion IV. Menard Apostles for Christ (MAC) is a course geared around service to the students of Holy Savior Menard through active prayer, witness, and other forms of ministry. The student, through a grounding in the presence of Jesus in the Holy Eucharist, will grow in self-discovery, Christian sacrifice for others, and the joy that comes through being Christ to one another. The student will hear the call of Jesus to "Come, and Follow me" and learn how to live it out in his/her daily life through active service. **Textbook used:** No specific book is used in this course.

SCIENCE DEPARTMENT

Physical Science (1 Credit)

This course includes a general study of the principles of basic chemistry and physics. Topics include energy, mechanics, work, electricity, types of chemical reactions and solutions.

Physical Science Honors (1 Credit)

This course includes a general study of the principles of basic chemistry and physics with a greater emphasis on the mathematical approach. Topics include energy, mechanics, work, electricity, types of chemical reactions and solutions. **Prerequisites:** B or better in previous science and qualifying standardized test scores, and teacher recommendation.

Biology I (1 Credit)

Biology I concentrates on principle of cell structure and biochemistry , comparative anatomy and principles of vertebrates and invertebrates, botany and human biology. Required for all students. **Prerequisite:** Physical Science.

Biology I Honors (1 Credit)

Biology I Honors is an in-depth study of the topics outlined above for the more motivated and scientifically- oriented student. **Prerequisites:** B average in previous science courses and qualifying standardized test scores, and teacher recommendation.

Biology II (1 Credit)

Biology II is designed for students that are interested in the study of living things, but have not taken honors courses in previous science classes. The course includes a study of molecular biology, classification, and comparative anatomy. . **Prerequisites:** Students must have taken and **passed** Physical Science, Biology I and Chemistry I.

AP Biology II (1 Credit)

This course is designed to meet the needs of the advanced student. Along with an in-depth study of cellular biology and chemistry, classification and phylogeny are also covered. Even though chemistry is not required as a prerequisite, it is recommended that a student will have taken or will be concurrently enrolled in chemistry. **Prerequisites:** B average in Physical Science and Biology and qualifying standardized test scores, and teacher recommendation. **May not be taken concurrently with Human Anatomy and Physiology.**

Chemistry I (1 Credit)

Chemistry I is a basic course emphasizing concepts regarding matter, and changes in the structure of matter and energy. Required for Holy Savior Menard Diploma. **Prerequisites:** Physical Science and Biology.

Chemistry I Honors (1 Credit)

Chemistry Honors is a basic course as outlined above that is enriched and supplemented for the more scientifically oriented and motivated student. **Prerequisites:** Biology I, qualifying standardized test scores, graded no lower than a B in previous sciences, and teacher recommendation.

Chemistry II (1 Credit)

Chemistry II is designed for students who require studies in chemistry beyond inorganic chemistry. The course includes a study of thermochemistry, solutions, oxidation-reduction reactions, and organic chemistry. **Prerequisites:** Students must have taken and **passed** Physical Science, Biology I and Chemistry I.

Chemistry II Honors (1 Credit)

Chemistry II Honors encompasses 32 chapters in General Chemistry, plus 8 chapters with Qualitative Analysis. It included: Thermochemistry, Electrochemistry, Chemical Kinetics, Organic Chemistry I and II, as well as, analysis of the five group of cations. This course requires much independent reading, problem-solving, and experimentation. **Prerequisites:** Qualifying standardized test scores, previous science grades (no semester average lower than a B), and teacher recommendation.

Environmental Science (1 Credit)

This course is designed for students who are not planning to pursue a career in the science field. The course covers topics such as bio-diversity, pollution, and various ecosystems. (This course does **NOT** fulfill the advanced science requirement needed for TOPS or college admissions.)

Human Anatomy and Physiology Honors (1 Credit)

This course utilizes a systems approach to examine the structure and function of the human body. It introduces students to concepts such as basic cell biology, biochemistry, cellular physiology, and tissue structure and function. The course is designed for the student considering a medical related career. **Prerequisites:** B average in Biology I, Chemistry I (or currently enrolled), and qualifying standardized test scores, and teacher recommendation.

Physics (1 Credit)

This is a course in classical physics emphasizing mathematical solution of problems. It treats mechanics, kinetic theory, magnetism and electricity. Less math is emphasized in this course. **Prerequisite:** Completed Algebra II(H).

Physics Honors (1 Credit)

This is a course in classical physics emphasizing mathematical solution of problems. It treats mechanics, kinetic theory, magnetism and electricity. **Prerequisite:** Completed Algebra II Honors, previous science grade (no semester average lower than a B), and teacher recommendation.

SOCIAL STUDIES DEPARTMENT

Civics (1 Credit)

This is a general study of government, good citizenship and the duties and responsibilities of a good citizen. The course incorporates the foundations of the American governmental system, citizenship and civil rights, as well as the political history of American democracy. Also included is a study of the three major economic systems: communism, socialism, and capitalism. Studied in detail are the major

components of capitalism: management, labor, industry, finance, and banking.

World History (1 Credit)

This course emphasizes history from the earliest river valley civilization to the molding of the modern nations of the world. This covers the history of humankind and the many factors which have influenced its development.

World History Honors (1 Credit)

This course surveys the history of humankind from pre-human hominid to contemporary world events. Emphasis is on connections between historical affairs, especially the influence of twentieth century events on current world situations. Students are expected to do extra outside reading and research in this documentary based course. **Prerequisites:** Qualifying standardized test scores, previous social studies grades (no semester average lower than a B), and teacher recommendation.

American History (1 Credit)

This is a study of the social, political, and economic history of the United States and the military struggles that have forged United States into a great nation.

American History Honors (1 Credit)

This is an in depth study of American History from exploration to the present with an emphasis on the Twentieth century. Students are expected to do extra outside reading and research in this documentary based course. **Prerequisites:** Qualifying standardized test scores, previous social studies grades (no semester average lower than a B), and teacher recommendation.

World Geography (1 Credit)

This is a study of the political divisions and cultural regions of the earth. It will include the study of major land forms and map skills. Students will also be exposed to environmental issues. All regions of the world will be touched upon especially those that have undergone change in the last two decades.

Law Studies (1 Credit)

This is a study of the rights and responsibilities of citizens in the daily application of the law. Topics such as arrests, warrants, use of guns, licenses, property purchases, rentals and insurance will be studied. **Prerequisite:** Senior status.