

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, and 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

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, artists' 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, artists' 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

Digital Photography (1 Credit)

This Photography class is an opportunity for junior/senior students to explore the world of digital photography in a discipline based approach. Students learn the operations of a digital camera, photography composition, and computer manipulation of photographs. Students build a visual vocabulary, learn the history of photography, and are exposed to master photographers. Students maintain a portfolio and accomplish various art-related projects using their photographs as a basis for these projects. Students meet monthly printing due dates with 10 to 20 photographs assigned, along with an 8' x 10' to represent the best shot of the month. Students create a book online and have the book printed as the final project. **Items needed for course:** digital camera with instruction manual, memory flash card and jump drive, along with some supplies.

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 an artistic vocabulary through aesthetics, criticism, history and studio production in the four art areas. Open to students in grades 9-12. 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 interpersonal skills 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 stage. **Prerequisite:** Permission of the instructor.

Chorus (1 credit)

Beginning chorus will include general music theory, study of rhythm, melody, and harmony. Basics of sight-singing, diction, matching pitch, diaphragmatic breathing, and vocal production will be taught.

Speech (1 Credit)

This course is an introduction to speech-making based primarily on a traditional public speaking approach. Designed to help students in the practical application of oral communication skills through preparing informative, demonstrative, and persuasive speeches, learning how to structure and organize information to present to a variety of audiences, and developing physical and vocal delivery skills. In addition, oral interpretation of children's books, poems, cutting of plays, and types of propaganda 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

Business Computer Applications (1 Credit)

Computer Applications offers students the fundamentals of various computer programs. Students will learn keyboarding, basic word processing, database, and spreadsheet programs, as well as graphic arts, e-mail, and powerpoint programs.

Computer Science (1 Credit)

Computer Science offers junior 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 I (1 Credit)

This course will integrate composition, vocabulary, and research skills in a genre-based approach to the study of literature. Literary elements of the short story, classical drama, novel, and poetry will be studied.

English I Honors (1 Credit)

This course integrates composition, vocabulary, and research skills in a genre-based approach to the study of literature. Literary elements of the short story, classical drama, novel, and poetry will be studied. Additional reading and writing is required.

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

English II (1 Credit)

This course incorporates vocabulary, composition, and research skills in a chronological study of American literature with historical and cultural background from colonial times to the present. **Prerequisites:** Credit earned in English I or English I Honors.

English II Honors (1 Credit)

This course incorporates composition, vocabulary, and research skills in a chronological study of American literature with historical and cultural background from colonial times to the present. Additional reading and writing is required. **Prerequisites:** Based on standardized test scores and English I grades (no grade lower than a B).

English III (1 Credit)

This course follows a chronological study of British literature with historical and cultural background beginning with the Anglo-Saxons. Composition and research skills are developed, and independent reading is required. **Prerequisites:** Credit earned in English II or English II Honors.

English III Honors (1 Credit)

This course follows a chronological study of British literature with historical and cultural background beginning with the Anglo-Saxons. An increased amount of composition, research, and independent reading is required. **Prerequisites:** Based on standardized test scores and English II grades (no grade lower than a B).

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, resume, literary analysis, and research paper. Selections from world literature are incorporated as an impetus for writing. Vocabulary study and outside reading is included. **Prerequisites:** Credit earned in English III or English III Honors.

English IV Honors (1 Credit) (Dual enrollment through LSUA-English 1001 / 1002- 6 College Credits)

English 1001 - English 1001 offers an introduction to composition and analysis of the essay and its rhetorical strategies. A grade of "C" or higher is required to advance to English 1002. **Prerequisites:** ACT composite score of 20 or greater and English sub-score of at least 18. English III grade no lower than a B.

English 1002- This course offers as an introduction to poetry, drama, the short story, the novel, and the research paper. A grade of "C" or higher is required to advance to higher level English courses. **Prerequisite:** English 1001.

AP English IV (1 Credit)

This course is an in-depth study of English and world literature, with academic writing. The content includes additional interpretative work and advanced theme writing, stressing style and maturity, including a literary research paper. This course should lead the student toward testing out of college English courses. **Prerequisites:** Based on standardized test scores and English III grades (no grade lower than a B)

Journalism I (1 Credit)

This course is a survey of the basics of writing news, features, editorials, reviews, headlines, and cut lines. The course includes newspaper history, journalism law, and ethics. Editing, layout and design, and photography are included. The class produces the student newspaper quarterly. Students are trained in desktop publishing for the production of the newspaper. Above average typing

skills are recommended. Class size is limited. **Prerequisite:** B or better in English and junior or senior standing

Journalism II (1 Credit)

Students in this course lead the production of the student newspaper as editors and co-editors. They share the responsibility of instructing the Journalism I students in the design and layout of the newspaper on the current desktop publishing program. Class size is limited. **Prerequisite:** Journalism I.

Publications Lab (1 Credit)

This class produces the yearbook. The first half of the course focuses on desktop publishing and learning the mechanics of putting together the yearbook. The second half concentrates on construction of the yearbook. Technology allows students to work in the classroom and at home. Students must have the initiative to work alone and meet hectic deadlines. Class size is limited. **Prerequisites:** Computer or digital photography course, B or better in English

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 fluency. 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 fluency. 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 I 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

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, and to 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 test scores, previous year's math grade (no grade 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 math grade (no grade 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

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 math grade (no grade lower than a B), and teacher evaluation.

Algebra III (1Credit) (Dual Enrollment through LSUA - Math 0092 - 4 Non-degree College Credits)

This course is designed to prepare the student for college-level instruction.

Math 0092-(during the spring semester) -This course is a review of arithmetic, polynomials, functions and graphs, special products and factoring, rational expressions, systems of linear equations, exponents, radicals, equations, and applications of equations. (A grade of "C" or better is required to advance to College Algebra). **Prerequisites:** ACT composite score of at least 15 and a Math subscore less than 19.

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.

Advanced Math Honors (1 Credit) (Dual Enrollment through LSUA - Math 1021 / 1022 - 6 College Credits)

Math 1021- Covers functions and graphs; polynomials, rational, exponential and logarithmic functions; equations; and inequalities. A graphing calculator is required. (A grade of "C" or better is required to advance to any higher numbered math course.) **Prerequisites:** ACT composite score of 20 or greater and a math sub-score of at least 19, or consent of the department.

Math 1022- This course studies trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers, and polar coordinates of equations and inequalities. **Prerequisite:** A grade of "C" or better in Math 1021 or consent of the department.

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 teacher approval.

Calculus (1 Credit)

Calculus consists of work in calculus and related topics. Major topics are elementary functions, differential calculus, and integral calculus. **Prerequisite:** Advanced Mathematics

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 Honors or Pre-Calculus

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 become 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 Promised 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 for 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.

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)

SCIENCE DEPARTMENT

Physical Science (1 Credit)

This course includes a general study of the principles of basic chemistry and physics. Topics include physical and chemical changes, classification of elements, atoms and bonding, motion, machines, and energy.

Physical Science Honors (1 Credit)

This course is a general study of the principles of basic chemistry and physics with a greater emphasis on the mathematical approach. Topics include physical and chemical changes, classification of elements, atoms and bonding, motion, machines, and energy. **Prerequisites:** No grade lower than a B in previous science course and qualifying standardized test scores

Biology I (1 Credit)

Biology I concentrates on the principles of cell structure and biochemistry, comparative anatomy, and the 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:** No grade lower than a B in previous science courses and qualifying standardized test scores

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:** At least a B average in Physical Science and

Biology, qualifying standardized test scores, and teacher approval. **May not be taken concurrently with Human Anatomy and Physiology.**

Chemistry I (1 Credit)

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

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, and no grades lower than a B in previous sciences

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:** At least a B average in Biology I and Chemistry I (or currently enrolled), and qualifying standardized test scores, or teacher approval

Physics (1 Credit)

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

Physics Honors (1 Credit)

This is a course in classical physics emphasizing the mathematical solution of problems. It treats mechanics, kinetic theory, magnetism and electricity. **Prerequisite:** Algebra II Honors, previous science grade (no grade lower than a B), and qualifying standardized test scores

SOCIAL SCIENCES 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.

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 the 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, and previous social studies grades (no grade lower than a B)

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 and previous social studies grades (no grade lower than a B)

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.

Economics (1 Credit)

This course is an introduction to the study of Economics rooted primarily in the Free Enterprise System. Students will not only discuss the role of business, the government, and financial institutions in the American economy, but will also discuss international economics and the role of the United States in the global economy. **Prerequisite:** Junior or senior standing

Law Studies (1 Credit)

This is a study of the history, organization, and function of the various local, state, and federal agencies that make up the criminal justice system. This study will be structured around the three major components of the criminal justice system: police, courts, and corrections. This course will also examine the philosophy of the criminal justice system as well as the psychology of the criminals

and victims that make up the criminal justice system. Topics include: community policing, judicial process, corrections, probation/parole, juvenile justice, constitutional law, criminal investigation, forensic investigation, and private justice. **Prerequisite:** Junior or Senior standing

Psychology (1 Credit)

This course is an introduction to the field of psychology. Basic knowledge about the science of mind and behavior are covered. The various topics included are the history of psychology, biological foundations of behavior, sensation and perception, cognition, learning and memory, developmental psychology, motivation and emotion, gender identity, personality theories and assessment, abnormal behavior, and social psychology. **Prerequisite:** Junior or senior standing