



Hope
LUTHERAN HIGH
SCHOOL

Course Offerings and Descriptions

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INTRODUCTION

This "Course Offerings and Description Catalog" has been written with the intent of informing students and parents about the many learning opportunities available at Hope Lutheran High School.

REGISTRATION FOR CLASSES

The course selection is a process that students and parents should take seriously and work on together. Parents are asked to approve all student course selections and are encouraged to contact school personnel with any questions or concerns.

STUDENTS SHOULD. . .

- . . . remember that the registration process is important and these decisions should not be taken lightly.
- . . . make course selections carefully and discuss them with their parents and teachers.
- . . . register for classes based on their interests, graduation requirements, and future career plans.

PARENTS SHOULD. . .

- . . . encourage students to take full advantage of the full variety of course options offered at Hope Lutheran High School.
- . . . approve their student's registration requests.
- . . . remember that careful planning now will assure a productive and beneficial education in both the short and the long term.

All classes must be finalized five days prior to the beginning of the semester to ensure course selections.

****Schedule conflicts need to be resolved before the new term begins.**

Hope Lutheran High Graduation Requirements

All students must complete a minimum of 25 credits, grades 9 through 12, to receive the high school diploma from Hope Lutheran High School and the State of Minnesota. Credits are based on a time-in-class standard. This is a list of the minimum credits which must be earned in designated subject areas, grades 9 through 12.

English	4.0 credits
Science	3.0 credits
Mathematics	3.0 credits
Social Studies	3.5 credits
Foreign Language	1.0 credits
Religion (E)	4.0 credits
Fine Arts	1.0 credits
Physical Education (E)	1.0 credits
Health (E)	0.5 credits
Electives	<u>4.0 credits</u>
	25 credits

Typical Schedules:

Grade 9

English	1 credit
US History	1 credit
Math	1 credit
Health	.5 credit
Physical Science	1 credit
PE	.5 credit
Computer Applications	.5 credit
Religion	1 credit
*Elective- optional	.5 credit

Grade 10

English	.5 credit
Speech	.5 credit
Math	1 credit
Biology	1 credit
Foreign Language	1 credit
Geography	.5 credit
PE	.5 credit
Religion	1 credit
*Elective optional	1.25 credits

Grade 11

Literature	.5 credit
Advanced Writing	.5 credit
World History	1 credit
Math	1 credit
Science	1 credit
Religion	1 credit
*Electives	2 credits

Grade 12

English 12	1 credit
Economics	.5 credit
Government	.5 credit
Religion	1 credit
*Electives	3 credits

****All students must take the ACT by the end of their Junior Year as part of the graduation requirements.**

Remember This About Graduation...

All graduation requirements and student obligations (fines, detentions, etc.) must be met before a student may receive a diploma or participate in the graduation ceremony. Students that plan on participating in the graduation ceremony must attend the graduation practice as scheduled. **IT IS THE STUDENT'S RESPONSIBILITY TO MAKE SURE THAT ALL GRADUATION REQUIREMENTS ARE MET.**

Course Offerings by Department

Activities .25 Credit

Those participating in extracurricular activities will receive .25 credits. This includes tennis, volleyball, soccer, basketball, softball, baseball, track, trap shooting, student council, one act play and large drama performance. There may be more activities throughout the year. Please check with the activities director for more information.

Business Education

Accounting I – 1 credit

This class is an introduction to accounting principles, theory, and procedures for a sole proprietor business. Students will learn and apply general accounting concepts and procedures. They will learn how to maintain accurate and legible financial records for personal or business use. The students will also participate in the operation and accounting records of the school store ("The Fridge").

Accounting II – ½ credit

Prerequisite – Accounting I

You will broaden your study of accounting by learning the accounting cycle for a merchandising business and a partnership. Inventory, payroll, and taxes are emphasized. Computer skills are reinforced. An accounting simulation will be a part of the curriculum.

Accounting III – ½ credit

Prerequisite – Accounting II

Students will complete the accounting cycle for a merchandising business and expand general accounting concepts and procedures by learning accounting for publicly held corporations and other special procedures such as handling cash funds, plant assets, depreciation, uncollectable accounts receivables, inventories and notes payable and receivables. Students will incorporate their knowledge of spreadsheets in various accounting steps. The students will also participate in the operation and accounting records of the school store (“The Fridge”).

Journalism/Newspaper – 3/5 credit

Students will be involved in planning and executing all phases of publishing a school newspaper. We will learn the basics of newspaper layout, design, article writing, basic photo layout, production and deadlines. Students will also work on presentation and desktop publishing skills. Students will produce approximately 3 – 4 publications.

Understanding Personal & Business Law – ½ credit

Students will be introduced to the laws that affect their daily lives. The course will focus on criminal and civil law and the court systems that enforce the laws. In addition, students will also be introduced to several elements relating to contracts (including negotiation, forms, and breach). Other topics that will be covered include employment law, consumer protection, and computer law.

Keyboarding / Computer Applications – .4 credit

Required for grade 9

In this course you will learn proper keystrokes and technique. You will use a variety of software and venues to improve on the basic keyboarding skills and move into computer applications that include word processing, presentation, database, spreadsheets, Internet, and email to prepare basic and format documents and reports.

Yearbook – ½ credit

This class does count towards a fine arts credit

Students will be involved in planning and executing all phases of yearbook production to create this year’s book. We will learn the basics of yearbook layout, design, copywriting, photography, production and deadlines. Students will also work on presentation and desktop publishing skills. Students will take pictures or be responsible for securing a photographer for their pages. Students will attend events as needed to learn about their assigned spread assignments.

Fine & Performing Arts

Art Fundamentals I – ½ credit to 1 full credit

Students are capable of taking a full year of this course

This first course in art is designed to give the student the basic knowledge and practice skills of fundamental art. Line, form, perspective, value, design and color will be explored in various hands-on projects. The emphasis will be on drawing and design skills. The various activities are planned to give every student success with finished projects they can be proud of.

Art Fundamentals II – ½ credit to 1 full credit

Students are capable of taking a full year of this course

This second course in art is designed to give the student advanced knowledge and practice skills of fundamental art. The emphasis will be on technique, detail and quality. Various projects will challenge and advance skills of each student. Line, form, design, value and color will be explored in various hands-on projects. Painting, print-making and sculpture will be introduced.

Basic Theatre – 1/8 credit

This course is an overview of the many dynamics of theatre production. In this course, the student will learn the basics of theatre history, acting, set and prop design, stage management/directing, and costuming/make-up design.

Band/instrumental ensemble – 2/5 credit

Band students practice basic scales and sound production. It performs at Sunday worship services in area congregations as Hope's public face and witness. The band performs at concerts in December and May and also serves as a pep band at basketball games in January and February.

Choir – 2/5 credit

Students in choir study the basics of vocal production and sight singing. The repertoire is mainly sacred, enabling the choir to be Hope's public face and witness to congregations and the general public. Two concerts are performed each year, one in December and one in May. The December concert may consist of a Madrigal Dinner event, complete with Renaissance era costumes and a mix of sacred and secular music. Music for the spring concert may also contain secular music. The choir is often asked to perform at community functions.

Topics in Music - 2/5 credit

Students will learn basic music theory and the basics of playing various brass, string, and keyboard instruments. Students will also have the opportunity to suggest topics for study.

Multimedia Applications – ½ credit

This course will focus on teaching you the basics of multimedia applications. You will

learn basic photo editing, the process of taking professional quality photographs, designing simple websites, and simple animation. Students will also learn how to record video, the process and steps of producing a film. Throughout this semester, the students in the class will be responsible for video recording any extra curricular activity that Hope LHS hosts

Foreign Language Department

German I – 1 credit

Required for grade 10

Study of basic written and spoken German, including Scripture, songs, and hymns. Topics include greetings, family, numbers, time, seasons, food, clothing, hobbies, and sports.

German II – 1 credit

A continuation of German I, with more emphasis on travel and fuller study of songs, hymns, and Scripture. Topics include baggage, camping, weather, animals, eating, shopping, musical instruments, festivals, mail, and occupations.

Spanish I- 1 credit

Study of basic written and spoken Spanish, including Scripture, songs, and hymns. Topics include color, greetings, family, numbers, time, seasons, food, clothing, hobbies, and sports.

Other Languages are offered via online sister schools- Greek, Chinese Latin, French

Language Arts Department

English 9 – 1 credit

Required for grade 9

This course includes the study of grammar and composition, including the study of usage and mechanics. Major projects will include a research paper in MLA style and publication of a class book containing students' creative writing on sacred and secular themes.

World Literature – ½ credit

Required for grade 10

This course includes the study of short stories, poetry, drama, and nonfiction. The class will study a Shakespearean play and create and present a project connected to it. Biblical connections to the material will be discussed.

Speech – ½ credit

Required for grade 10

This course will help students speak well in various life situations, including telephone etiquette, job interview skills, public reading of Scripture, and manuscript and impromptu speeches. Students will speak to inform, entertain, persuade, proclaim, and

celebrate special occasions. Oral interpretation will also be stressed.

Advanced Writing – ½ credit

Required for grade 11

Throughout this class, students will expand their comprehension by analyzing and interpreting information and ideas. The students will be expected to keep daily journals and to write frequently and skillfully for a variety of purposes. The different types of writing include narrative, argumentative, expository, and analytical essays.

American Literature – ½ credit

Required for grade 11

This course is an overview of the various genres of American literature including the short story, poetry, drama, and nonfiction. Students will learn about and read works written by our great American authors. The course will also integrate and expand the student's basic language and composition skills through spelling, grammar, and writing.

College Prep – 1 credit

Required for grade 12

Throughout this class, students will focus on developing analytical skills in reading, comprehension, critical thinking and responsive writing. We will explore fictional novels and dig into literary discussion and interpretation. Students will learn how to think for themselves and how to put their thoughts in writing. The students will also spend time reading in class and do personal journals.

Math Department

Pre-Algebra – 1 credit

Pre-Algebra (Saxon Course 2) covers the fundamentals of arithmetic, algebra, basic geometry, and problem solving. It prepares students with the skills necessary to excel in the more advanced classes of Algebra I, Algebra II, and Geometry.

Algebra I – 1 credit

Prerequisites: Pre Algebra

Required for grade 9

This course is the standard college preparatory ninth grade course in mathematics.

This course includes the study of algebraic foundations, functions and relations, linear equations and functions, simple equations, problem solving, operations with polynomials, factoring polynomials, rational expressions and functions, inequalities, systems of equations and inequalities, graphing, fractional equations, radicals and the quadratic formula, quadratic equations and functions, absolute-value equations and inequalities, and probability and data analysis.

Geometry – 1 credit

Required for grade 10

Geometry is the standard college preparatory tenth grade course for the college bound student. The course includes the study of inductive and deductive reasoning, basic geometric properties and concepts, the application of algebraic equations to geometric proofs and problems, construction, coordinate geometry, congruent and similar triangles, polygons, quadrilaterals, right triangles and trigonometry, circles, solids, and transformations.

Algebra II – 1 credit

Required for grade 11

Algebra 2 will prepare students for advanced mathematics courses such as calculus and also includes explicit embedded geometry instruction. Algebra 2 reinforces trigonometry concepts and provides practice with statistics. Real-world problems and applications for other subjects like physics and chemistry are also included. Graphing calculator labs investigate and model mathematical situations.

Algebra II with Geometry – 1 credit

Prerequisites: Algebra I

This course covers more abstract geometric concepts, fundamental trigonometric ratios and problems required to use these ratios, sine, cosine, tangent, inverse functions, scientific notation, rectangular and polar coordinates, systems of equations, factoring, quadratic formula, distance formula, logarithms and antilogarithms, statistical data and graphs, direct and inverse variation, Pythagorean Theorem, linear equations, radicals, exponentials, multiplying and dividing polynomials, imaginary numbers complex numbers, adding vectors, solving non-linear systems, functions and functional notation, sets and set notation, probability, permutations, Venn diagrams, and much problem solving involving uniform motion, chemical mixtures, percents, ratios, variation, consecutive integers, etc.

Advanced Math w/Geometry – 1 credit

Prerequisites: Algebra II w/Geometry

This course contains an in depth coverage of trigonometry, logarithms, analytic geometry, and upper-level algebraic concepts. All advanced math topics as well as many pre-calculus topics are covered in this course. This course continues the development begun in Algebra I and Algebra II. Practice in the fundamental skills of algebra, geometry, and trigonometry is provided for, while advanced topics are introduced and practiced. Logarithms are introduced early. Emphasis is on the algebra of logarithms. Heavy emphasis is given to all phases of trigonometry, including trigonometric equations, trigonometric identities, and the equations and graphs of sinusoids. Other topics that are covered in-dept include matrices, determinants, arithmetic series, geometric series, conic sections, roots of higher-order polynomial equations, and functions, including curve sketching.

PreCalc – 1 credit

This math course will cover mathematical concepts beyond Algebra II so students will be ready for Calculus. Topics will include exponentials and logarithms, complex

numbers, equations and inequalities, functions, lines, polynomials, geometry, basic matrix operations, trigonometry, word problems, basics of statistics and probability, proofs, etc.

Calculus – 1 credit

This course incrementally introduces the fundamentals of Calculus including limits, differentiation and integration. Topics build upon the concepts of algebra, trigonometry, and analytical geometry, fusing them into a seamless toolkit of problem solving. Calculus explores real world application as it is used to describe and predict God's creation.

Business Math – 1 credit

This course is designed for all business students. The course will assist students in reaching a level of increased competence in mathematics and expanded understanding of the applications of mathematical concepts in business activities. Emphasis is placed upon learning mathematical concepts through practical application to common business problems. Review the fundamental operations of arithmetic: whole numbers (addition, subtraction, multiplication, and division), fractions, decimals, and percents. Solve common business problems involving discounts, payroll, interest, markup, depreciation, inventory, banking and investments.

Physical Education & Health

Health – ½ credit

Required for grade 10

Health could be the most important curriculum taught in our school today. The habits created during junior high and high school will impact a student's entire life. This course will provide students with knowledge, attitudes, and skills to make health-promoting decisions while incorporating the physical, mental, emotional, social, and spiritual dimensions of health. In some form this course will also address the six major categories of risk behaviors that teens face today as identified by the United States Center for Disease Control (CDC): Alcohol and other drug use; Tobacco use; Physical inactivity; Inadequate nutrition; Behaviors that result in unintentional and intentional injuries; Sexual behaviors that result in HIV infection or other sexually transmitted diseases and unintended pregnancies.

Physical Education – 1 credit

Required for grade 9 & 10

Physical Education is designed to inform, encourage, and enhance the student's mind, body, and spirit through careful study of the components of PE. Physical education utilizes sports and physical activity to promote wellness, and a strong foundation for a lifetime of all around fitness. As it is God's intention that we use our bodies to His glory, PE focuses on God our Creator, Redeemer, and Provider, in every situation.

Science Department

Physical Science – 1 credit

Required for grade 9

This course is the study of matter and energy and how they interact and change within our physical universe that our powerful God created. The major focus will include physics, chemistry, work and machines, energy sources and conservation, optics and electronics. Everywhere we investigate we can only marvel at the incredible order and complexity and purpose of God's creation. This will be achieved through lecture, discussion, and various in-class activities.

Biology – 1 credit

Required for grade 10

The basic concepts of biology, the life science, will be explored: defining living systems, and the interactions of organisms. The focus will be physiology, the function of organisms. Main topics will include: the cell, reproduction and heredity, DNA & genes, biochemistry, and taxonomy. Integrated in every study will be the scientific fact of our living God who created all things. Objectives will be met through lecture, discussion and activities.

Anatomy & Physiology – 1 credit

The emphasis in this second biology course is on human anatomy and physiology. Basic human structures and functions of the major body systems will be investigated: a detailed exploration of God's ultimate creation, the human organism. Main topics will include reproduction, development, transport, digestion, support and locomotion, respiration, and the endocrine system.

Chemistry – 1 credit

Chemistry is the study and investigation of the structure and properties of matter. It is the science of the interactions of matter and energy in our physical universe of God's creation. Main topics will include atomic theory, the Periodic Table, ionic and covalent bonding, the mole, chemical reactions and hydrocarbons. This will be achieved through lecture, discussion, readings and various in-class activities.

Physics – 1 credit

In this introductory course, we use algebra, geometry, and trigonometry to study the physical world around us. The course is an overview in which students examine God's creation by studying fundamental principles of physics including motion, forces, gravity, energy, electricity, magnetism, light, sound and relativity. This course develops student ability and thought processes in the areas of science, problem solving, and experimentation.

Social Studies Department

American History – 1 credit

Required for grade 9

This course surveys the history of North America, specifically the development and establishment of the United States, from early exploration to world dominance. Students will examine the major historical, political, economic and social events that shaped the course of our nation's history and how these events influence us today. American history is also the story of dreams, personal sacrifice and ingenuity and religious inspiration. It is the story of God's direct involvement in the history of mankind, most especially in the formation of "one nation, under God." Our studies will involve lecture, discussion, projects and research.

World Geography – ½ credit

Required for grade 10

This course is an overview of the people and places of planet earth. Students will examine the relationships between people and places, and interpret information about the physical and human systems of the world. Students will also learn to read maps and process data relating to the earth's spatial context. Special attention will be given to cultural geography, where students will gain an understanding of the beliefs and behaviors of various ethnic groups.

World History – 1 credit

Required for grade 11

This course is an overview of world history and civilization from the beginnings of human civilization to the beginning of the 21st century. We will examine the development of the basic political, philosophical, and cultural patterns of ancient, near eastern, Asian, Greco-Roman, medieval, early modern European, modern Western, and modern Eastern societies. Students will learn to process information through lecture and research and model their findings in essays, exams, and projects.

Economics – ½ credit

Required for grade 12

This class will focus on fundamental basic economic concepts that help students understand the importance of economic decisions they face every day as citizens. Students will be exposed to microeconomics (individuals and firms) and macroeconomics (the economy as a whole) as well as a look at international economies and their impact on the economy of the United States. This class will use lecture, class discussion, labs, projects, webquests and reports to gain an understanding of economic concepts and how economic decisions and policies affect our lives.

Government – ½ credit

Required for grade 12

Government is a course that will explore the workings of the United States government. Students will study the structure, functions, and powers of government at the national, state, and local levels. The course will reveal to the student the ways in which citizens affect the government and also how the government affects citizens. Students will demonstrate an understanding of the government of the United States

and its workings and will also gain an understanding of their rights and responsibilities in their role as a citizen.

Sociology – ½ credit

Sociology studies human behavior; it is the scientific study of social structure. Sociology assumes the perspective of groups, rather than the individual perspective. Students will look for the patterns in social relationships and individuals can benefit by using their sociological imagination to look at events in their personal lives. This course will relate all topics from the Christian perspective based on God's Word.

Psychology- ½ credit

Students will gain an understanding of psychology as a science and of how psychologists study mental processes from an information processing point of view. They will demonstrate and describe the major subject areas within cognitive psychology. Explain the connections that exist between various psychological structures such as self-concept, developmental stage, and cognition and relate these connections to teaching and learning; describe the major concepts and theories of the various models of memory and apply these concepts to formal and informal learning environments; analyze and make recommendations for the effective nurturing of language, problem solving, and creativity in the light of cognitive and brain based psychology; understand how social, emotional, and developmental needs impact student learning; relate principles of educational and cognitive psychology to your own teaching, learning and behavior; articulate the logic of research design and findings within the area; use the principles of cognitive and developmental psychology to understand the learning and behavior of children, adolescents and adults.

Theology Department

Christianity – Paradoxes of Scripture: How God Reveals Himself – ½ credit

This class will spend time investigating: the necessity of understanding the paradoxes of Scripture which reveal the truths of God. Topics will include: the need to recognize paradox enlightens our understanding and reveals deeper truths of God, examples of paradox in the Old and New Testaments, paradox as the key to understanding the end times, the paradox of the present millennium, the paradox of Satan, the paradox of the Antichrist, the paradox of Israel, the paradox of the life after death, the paradox of Hell, the paradox of judgment day, and how to apply the truths of scriptures paradoxes to today's theological questions. The students will be actively investigate the paradoxes found in Scripture and demonstrate an understanding of the truths revealed in them. This will be accomplished by: completing assigned readings, class discussion, essays, quizzes, and tests.

Christianity – Contemporary Issues in Christianity – ½ credit

This class will explore issues which are relevant to our daily lives, which are currently being debated among Christians, or are areas in which the Christian Community does not have agreement. These issues shall be examined in the light of Scripture. The interpretive method used in class shall reflect the basic theological principles of Reformation Theology (i.e. Scripture is the inerrant Word of God, Scripture interprets Scripture; Scripture is the sole source and norm of doctrine and practice.) The students will be actively involved in investigating what Scriptures teach us about God and our relationship with Him. Students will demonstrate learning by: class discussion, class presentations, homework assignments, essays and quizzes.

Christianity – Genesis – 1 credit

This class will teach content and theology the book of Genesis. The interpretive method used will be the Historical Grammatical Method. Teaching will be based upon the Scripture and the basic theological principles of Reformation Theology (i.e. Scripture is the inerrant Word of God, Scripture interprets Scripture; Scripture is the sole source and norm of doctrine and practice.) Students will demonstrate an understanding of the content of Genesis by: class discussion, class and homework assignments, quizzes, tests and essays.

Christianity – Christian Ethics – 1 credit

Prerequisites: Students must have successfully completed 9th & 10th grade religion courses.

This course will examine and evaluate the different approaches to ethics and apply a Biblically based ethical approach to major contemporary issues: i.e. dating, sex, abortion, euthanasia, war, voting, homosexuality, civil rights, vocations, bio-research. The first half we will explore the theory and theology behind Christian Ethics, the second half of class we will put this theory and theology into practice through class projects, debates, and mock trials.

Christianity – This We Believe, Teach and Confess – 1 credit

This class will teach the doctrines or teachings of Christianity. Teaching will be based upon the Scripture and the basic theological principles of Reformation Theology (i.e. Scripture is the inerrant Word of God, Scripture interprets Scripture; Scripture is the sole source and norm of doctrine and practice.) The students will be actively involved in investigating what Scriptures teach us about God and our relationship with Him and will demonstrate an understanding of basic Christian teachings by: class discussion, class and homework assignments, quizzes, tests and essays.

Christianity – The Reading and Understanding of Scripture – 1 credit

This class will spend time investigating: the History of Holy Scriptures, various Historical approaches to Biblical interpretation, The Theological Principles of Interpretation, General Principles of Biblical Specific tools for interpreting the New Testament. The students will be actively involved in the reading and interpreting of Scripture, and will demonstrate this by: class discussion, in class presentations,

quizzes, tests, and a final term paper. Students will also journal concerning their reading assignments.

Other Electives

Other electives can be earned through the school year as well as summer.

We have two sister schools online: Mayer Lutheran High School- which is called Genesis Virtual Academy and Wittenberg Academy.

We partner with Camp Omega and offer credits when working or volunteer for their camps.

We also may give credit for job or volunteer opportunities such as working at association vacation bible school, volunteer as a sunday school teacher or working milking cows. See the administration for possible electives that will count toward graduation.