

Wisconsin Lutheran High School

Curriculum Guide and Course Selections

2012-2013

This Curriculum Guide is also available online at our WLHS website: www.wlhs.org

PROGRAMS OF STUDY

We offer a comprehensive curriculum at WLHS to help each student achieve his or her God-given potential. We pray that students will select courses at WLHS that lead to the path God has planned for them once they have completed their high school years. Courses in English, practical arts, mathematics, business education, social studies, fine arts and other areas will help our students prepare for lives of service to their Lord. Among the ways to serve God are the preaching, teaching, and staff ministries. Some of our students will continue their education in 4-year colleges. Others will be best served by attending technical and vocational schools. As Christian stewards our students will pursue excellence in whatever programs they have selected.

PASTORAL MINISTRY AT MARTIN LUTHER COLLEGE

Young men thinking about being a pastor should take the normal college core curriculum. **You may be admitted to MLC with a minimum of two years of a foreign language. However, MLC recommends that you take a minimum of three units of Latin (through the senior year of high school) and two units of either German or Spanish.** MLC also *prefers* two units of music.

TEACHING/STAFF MINISTRY AT MARTIN LUTHER COLLEGE

A minimum of 12 core academic units, a cumulative GPA of 2.0, and a minimum ACT score of 18 are required for admission. The normal college core curriculum should be taken. Some music is desired, including Music Theory.

WISCONSIN LUTHERAN COLLEGE

All applicants should take the normal college core curriculum. Sixteen academic units are required and 2-4 years of a single foreign language are recommended.

TYPICAL MINIMUM COLLEGE CORE CURRICULUM

Each college campus has its own requirements. However, many colleges and universities require a common core. The University of Wisconsin System requires that all applicants take the ACT and have the following 17 required units:

English	4 units
Mathematics	3 units
Social Science.....	3 units
Natural Science	3 units
Academic Electives	4 units

The academic electives must be from the above areas or foreign language, fine arts, computer science or other academic areas. Especially in the field of foreign languages, an individual campus may have different requirements.

VOCATIONAL/TECHNICAL SCHOOLS

There are a variety of degree granting and certificate programs available at vocational and technical colleges and schools. Students are encouraged to take those courses which will give them strong preparation in their areas of interest. MATC and WCTC prefer or require entrants take the ACCUPLACER test.

TESTING PROGRAM

All incoming FRESHMEN will take the EXPLORE Test and all Sophomores will take the PLAN assessment. JUNIORS are encouraged to take the PSAT test. College-bound students are also encouraged to take the ACT or SAT at the end of their Junior year or at the beginning of their Senior year. Be sure to check which test is required for the colleges being considered.

COURSE VALUES

All full year courses are worth one unit; one-semester courses are worth one-half unit; quarter courses are worth one-quarter unit.

COURSE LOAD

Freshmen students must carry a minimum of 6.0 units. Starting with the class of 2014, Sophomores, Juniors, and Seniors must carry a minimum of 7.0 units. The following types of courses must be included in the specified year with the remaining units from elective courses. FRESHMEN: religion, English, science, mathematics, and Christian health & wellness. SOPHOMORES: religion, English, science, mathematics, and physical education. JUNIORS: religion, English, social studies, and physical education. SENIORS: religion, social studies, and English, unless already completed as electives.

COURSE SELECTION

FRESHMEN placement in classes is based on the EXPLORE TEST, a review of their previous achievement test scores, a recommendation from the eighth grade teacher or principal, and family recommendations. Continuing students need a "C" or better in many courses to be automatically cleared to take the next course in sequence. **A "C" or better is the definition of successfully completing a course.** After serious evaluation a parental override could be submitted if a student has a "C-" or "D+." Courses which have been taken and passed, but need a higher level of competency, may be retaken to allow the student to progress to the next course in sequence. The second grade received will be the official grade for the course but credit will only be awarded one time for taking the course. Courses should be selected which contribute to the young Christian's life plan.

ADVANCED STUDIES FOR WLHS STUDENTS

We encourage students to develop all of their God-given gifts to the fullest. For our more academically gifted students we have an agreement with Wisconsin Lutheran College for our students to participate in their Young Scholars Program. The costs are shared by WLHS, WLC, and the family. Details are available in the Guidance Office.

GRADUATION REQUIREMENTS

We have the following minimum requirements which must be met for graduation. Some of the units must be in specific, required courses.

Religion	4 units
English	3.5 units
Science	2 units
Mathematics	2 units
Social Studies	2 units
Health/Phy Ed	1.5 units
Electives	9 units
	24 units total

COURSE SELECTIONS

COURSE TITLE YEAR UNITS

THEOLOGY

The Heritage of Our Faith (0113) 9 (Required) 1

This course focuses on the application of God's Old Testament revelation to the hearts of teenage Christians. The basis of study is the broad sweep of Old Testament history and thought, with an emphasis on the Messianic promise. Correlated with this survey are units of study on personal Bible study, identity, worship, and friendship. These units are intended to help the student transfer Biblical insight to practical Christian living.

Pre-req: None

In the Steps of Jesus (0123) 10 (Required) .5

This course covers an introduction to the Bible, the intertestamental times and Apocrypha, as well as a study of the life of Christ. The emphasis is on understanding and applying the life and teachings of Jesus.

Pre-req: The Heritage of Our Faith

Proclaiming Christianity (0124) 10 (Required) .5

This course uses the text of the book of Acts and the 13 epistles of St. Paul to understand the Christian faith of the early church as it became established in this world. Using the message which guided the life and actions of 1st Century Christians, comparisons and applications are made for the challenges facing 21st Century Christians as they seek to carry out Christ's command to be His witnesses.

Pre-req: The Heritage of Our Faith

Living Christianity (0133) 11 (Required) 1

This course provides a review of doctrine, a survey of church history, a discussion of problems the young Christian faces, and an overview of worship, stewardship and evangelism. This course emphasizes living your Christian faith.

Pre-req: In the Steps of Jesus & Proclaiming Christianity

A minimum of four quarter-unit courses are required during the Senior year:

Evangelism (0140) 12 .25

This senior elective will increase the students' understanding of the Great Commission by reviewing God's plan of salvation and its revelation throughout the Old and New Testaments. After reviewing the Biblical truth that faith is created solely through the work of the gospel, the students will be shown a number of useful witnessing tools such as the Great Exchange, Friendship Evangelism wheel, and S.A.L.T. Throughout the course, students will be working toward the final project which will involve planning an exploratory outreach mission. In order to complete that task, students will study mission - vision statements of organizations as well as contact WELS called workers in the city in which they choose to plant a mission.

Pre-Req: Living Christianity

COURSE TITLE YEAR UNITS

Biblical Archaeology (0142) 12 .25

This elective course features a study of the Bible in the light of archaeological discoveries. Attention is given to such buried cities as Ur, Jericho, Nineveh and Babylon, as well as to many ancient objects and writings which relate to biblical history. In addition to building up one's faith, this course provides much information for defending the truthfulness and reliability of the historical statements of the Bible.

Pre-req: Living Christianity

From Friendship to Marriage (0144) 12 .25

This elective course will seek to develop skills and attitudes that will develop and deepen relationships and that will help to prepare you for marriage. Among the topics explored will be communication skills, differences between the sexes and their roles, changes in relationships, what makes a good spouse and how love expresses itself (romance, sex and waiting). This team-taught course will promote student participation.

Pre-req: Living Christianity

Christian Life Planning (0146) 12 .25

This elective course is intended to be a capstone to the high school student's spiritual training. Students will consider who they are in Jesus and the impact that this has on their future plans. The course also includes a Christ-centered look at Stephen Covey's *Seven Habits of Highly Effective People*.

Pre-req: Living Christianity

Church Art and Architecture (0148) 12 .25

This elective course is designed to lead students to uncover how the symbolism of the Christian church is used in the interior and exterior designs of church buildings and in the art of the Christian church. By interpreting the many symbols of the Christian church, students will consider how the design and furnishings of a church reveal the teachings of the congregation that gathers there. A goal of the course is to enhance the worship experience of a student as he/she grows to appreciate the physical design of a church.

Pre-req: Living Christianity

Church Music (0151) 12 .25

This elective course provides a critical examination of music in the Christian church and the process by which music is selected for worship. It includes a survey of the historical background of the liturgy, hymnody, the organ, and the choir, as well as developing trends in contemporary church music. Listening to recorded examples of church music, performance of hymnody, evaluations by students, and an "organ crawl" to area churches broaden the student's ability to understand the role and scope of church music.

Pre-req: Living Christianity

COURSE TITLE	YEAR	UNITS
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A Comparison of Christian Churches (0152)	12	.25
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This elective course provides a study of the teachings and practices of various Christian churches and an opportunity to evaluate these churches in the light of God's inerrant Word. Special emphasis is given to Roman Catholic theology, the various Lutheran Synods and the Evangelical Movement in America today. Students explore the influence of liberal theology on the various branches of Christianity as well as the impact of current trends in Christianity today.

Pre-req: Living Christianity

Life Issues/Corinthians (0153)	12	.25
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This elective course gives an opportunity to see how the great Apostle Paul dealt with many of the problems of the church at Corinth, problems which still trouble us in our churches and personal lives today.

Pre-req: Living Christianity

Luther (0156)	12	.25
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We honor, but seldom read or hear, the works of Martin Luther. This elective allows the student to judge Luther on the basis of his own words. The class examines Luther's view on Charismatics and Catholics. The class visits and interviews members of both of these religious groups as it determines what Luther would say to them today. Class discussion is emphasized. The student will gain a new perspective on our unique doctrinal position as Lutherans.

Pre-req: Living Christianity

Non-Christian Religions (0158)	12	.25
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To prepare students to witness to the world, this elective course focuses on the teachings of the major religions of the world: Islam, Judaism, Hinduism, and Buddhism. Additionally, the students will explore other threats to faith including postmodernism, cults, Mormonism, Jehovah's Witnesses, and the New Age Movement.

Pre-req: Living Christianity

Pasos y Puentes - Gospel Outreach in Spanish (0159)	12	.25
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This course is designed to be the spiritual capstone of a student's study of Spanish language and culture. We will begin with a study of cross-cultural ministry in general, then quickly move into an overview of the religious climate in Latin America with an emphasis on the influence of Roman Catholicism. We will spend the majority of our time acquiring tools for outreach in Spanish, including memorization of key Bible passages and a simple Law-Gospel presentation. We will conclude our quarter with an enriching study of Christian Worship in Spanish, and we will examine familiar Bible stories from a Spanish VBS or Sunday School curriculum. This class is designed for the student who has a strong desire to share his/her faith with a Spanish-speaking soul.

Pre-req: Living Christianity and successful completion of Spanish 2

COURSE TITLE	YEAR	UNITS
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Religion and Science (0160)	12	.25
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The scientific community imposes many of its beliefs upon the Christian. This elective course points out the proper distinction between science and religion and gives the Christian some guidance when dealing with issues such as evolution, genetic engineering, abortion, astrology, New Age, etc.

Pre-req: Living Christianity

Revelation (0161)	12	.25
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Revelation, one of God's greatest courage and comfort books of the Bible, is explored in all its beauty and mystery in this elective course. John presents an overview of the entire New Testament age in the context of a monumental struggle between the Lamb and the Dragon with his beasts. No one can leave the study of this book without being affected by John's inspired look behind the curtain.

Pre-req: Living Christianity

Sunday School Teachers (0163)	12	.25
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Recognizing the importance of teaching children the truths of God, students enrolled in this course will have the opportunity to develop skills and gain an appreciation for teaching children in a Sunday School setting. We will learn and practice the parts of an effective Sunday School lesson, study the qualifications of a Sunday School teacher, and learn about the characteristics of children at various ages. We will use written materials, audiovisual presentations, teacher and student lesson demonstrations, and actual classroom observations. For those students considering a career (ministry) in teaching, this class will also provide an opportunity to explore the basic elements of teaching.

Pre-req: Living Christianity

ENGLISH

English 1: Foundations (0202) 9 2

English 1: Foundations is a two period course that focuses on strengthening essential language arts skills in preparation for enrollment into the next level of the English curriculum. Reading comprehension, writing, listening and speaking instruction are integrated into daily instruction. Upon *successful completion* of this course, students will enroll in Speech and Composition courses.

Pre-req: Placement by English Department

English 1 (0203) 9,10,11 (Required) 1

This is the foundational course for the WLHS academic English program. It emphasizes academic preparation in process writing, literary analysis, and oral language. Introduction to literary genre, literary techniques, and writing about literature; descriptive, narrative, and expository writing; library skills; English usage and mechanics; and introduction to using oral language are major topics. *This is a required course.*

Pre-req: Placement by English Department

Composition (0204) 10,11,12 (Required) .5

This required course is designed to instruct all students in the mastery of competent process writing skills, mechanics and usage, sentence combining, and rewriting techniques. Students make extensive use of the writing process and peer editing through various formal and creative works.

Pre-req: English 1

Speech (0206) 10,11,12 (Required) .5

This required course is designed to instruct all students in the basics of oral communication important to success in school and life. Instruction will focus on expressive (spoken) and receptive (listening) communication. Students will have the opportunity to build confidence in speaking and writing as they develop four speeches for presentation to their classroom audience. *This is a required course, except for those students who started in Fundamentals of English in their freshman year.*

Pre-req: English 1

American Literature (0205) 11,12 (Required) 1

This required course is designed to provide continued practice in writing analytically about literature and to acquaint students with the contributions made to and about our national cultural heritage by American writers. Major topics will include reading literature critically, writing critically about literature in the essay and literary research paper, connections between American history and American literature, ethnic diversity in American

literature, modern American literature, and emphases on several major American writers. *This is a required course, except for those students who took Fundamentals of English or Basic English in their freshman year.*

Pre-req: Composition

British and Western Literature up to 1800 (0281) 12 .5

This course is offered as an introduction to the literary works of those pre-1800 authors who have had a profound influence on the culture of the Western World. The works may include the following: dramas from ancient Greece; Anglo-Saxon literature; works of Chaucer, Shakespeare, Swift; poetry of Donne, Goethe, and Pope. Through the selected works students will gain insight into the philosophies, politics, and cultural mores of the Classical, Anglo-Saxon, Medieval, Renaissance, and 18th Century periods. Excerpts from each genre will be analyzed through the lens of Christian doctrine and practice, giving students the opportunity to evaluate how Western literature reflects the Christian faith and conversely how their own faith is affected by the reading of the works of early Western writers.

Pre-req: American Literature

British and Western Literature 1800 to Present Day (0283) 12 .5

This course is offered as an introduction to the literary works of those authors who have reflected Western culture in the Romantic, Victorian and Modern periods. To obtain a better understanding of Western thought, students will be exposed to examples of drama, poetry, short stories, essays, and novels. Each work will be analyzed through the lens of Christian doctrine and practice, giving students the opportunity to evaluate how Western literature reflects the Christian faith and conversely how their own faith is affected by the reading of these writers.

Pre-req: American Literature

Advanced Composition (0291) 12 .5

This elective course is designed to instruct and give college-bound students practice in specific kinds of writing they will encounter in college. This challenging course is geared for students who are already proficient in writing but wish to expand their skills. Emphasis will be placed on acquiring and supporting an authoritative voice in college-level academic writing. The student will need to be strongly motivated and capable of self-direction in the course work; success in the course will depend on the student's willingness and ability to discover and use the material needed to support an authoritative voice, as well as the ability to handle written English fluently. Major topics include the expository essay, the argumentative paper, the critical review paper, the critical analysis paper, the investigative paper, and writing an essay exam.

Pre-req: American Literature

AP English Composition and Literature (0270)

12 1

This course is the capstone writing and literature course for talented readers and writers. The intent is to provide a forum for learning about logic and rhetoric and the application to well written and organized compositions. In literature, critical reading and the habit of reading with discernment are reinforced. In addition, an appreciation of literature is made possible through an awareness of larger contexts and deeper implications by studying the forms, the modes, and the traditions of literature. Students may choose to take the AP exams in English Composition, English Literature, or both exams during the second semester. Authors studied include Conrad, Camus, for learning about logic and rhetoric and the application to well written and organized compositions. In literature, critical reading and the habit of reading with discernment are reinforced. In addition, an appreciation of literature is made possible through an awareness of larger contexts and deeper implications by studying the forms, the modes, and the traditions of literature. Students may choose to take the AP exams in English Composition, English Literature, or both exams during the second semester. Authors studied include Conrad, Camus, Miller, Shakespeare, and others.

Pre-req: GPA ≥ 3.800 in English, math and science.

Communication Arts (0286) 11,12 .5

This elective course is designed for self-motivated students who want to further develop confidence and perfect their public speaking skills. Individual presentations include oral interpretation of material by noted authors as well as special occasion speeches developed for specific audiences. Students will also develop small group presentations such as broadcasting, play acting, and group interpretive readings.

This course may not be accepted by some four-year colleges as part of admission requirements.

Pre-req: Speech

Business Communications (0221)12 .5

Business Communications is a one semester course designed to examine how English skills apply to the world of business and the workplace. Practice will be provided in the valuable skills of reading, writing, and speaking, which are necessary for employment and useful in the everyday life of a Christian. Open to grade 12 for technical school-bound or non-college bound seniors.

Pre-req: Composition or American Literature

SCIENCE

Introductory Science (0303) 9,10 (Required Alt.) 1

This required alternate course is for those students whose reading and/or math skills are below the level necessary for them to be successful in the Physical Science course. Essentially the same topics are covered as in Physical Science but the text, experiments and discussions are set to the level of the students. Normally, these students register for Life Science in their sophomore year.

Pre-req: Placement by Science Department

Physical Science-Chemistry (0314) 9 .5

This is a required course that introduces students to the nature of science as taught from a Biblical point of view. Topics include an introduction to matter, the periodic table, chemical reactions, solutions, and nuclear reactions. Emphasis is placed on laboratory experiences which introduce the student to data collection & analysis, graphing skills and writing lab reports. The strong emphasis on experiments provides the basics necessary for the scientific methodology used in subsequent science courses.

Pre-req: Placement by Science Department

Physical Science-Physics (0316) 9 .5

This is a required course that introduces students to the nature of science as taught from a Biblical point of view. Topics include an introduction to the laws of motion, heat, work, energy, and waves. Also included are topics in electricity and magnetism. Emphasis is placed on laboratory experiences which introduce the student to data collection & analysis, graphing skills, and writing lab reports. The strong emphasis on experiments provides the basics necessary for the scientific methodology used in subsequent science courses.

Pre-req: Placement by Science Department

Biology (0323) 9,10 (Required Alt.) 1

This required course examines the nature of living things—plant, animal and human. Their structure, growth, workings, reproduction, and their relationships to the rest of creation are stressed. Considerable emphasis is put on lab work.

Pre-req: Physical Science or placement by Science Department

AP Biology (0325) 11,12 1

This course is designed for students who have special interests and abilities in the life sciences. The course is designed to help students understand, explain, analyze and interpret biological processes that God uses to sustain His living creation. Students will be expected to spend some time outside of the regular class period in laboratory activities. Students are also encouraged to take the Advanced Placement exam in Biology.

Pre-req: Successful completion of Chemistry and consent of the Instructor.

Life Science (0326) 10 (Required Alt.) 1

This course is an alternative to Biology as a required science course for sophomores. *The course is not accepted as a prerequisite for college entry.* This is a non-technical examination of God's creation. Included is the study of plant and animal life, the human body and its systems and the manner in which God intended all these parts to work together.

Pre-req: Introductory Science

Chemistry (0333) 10,11,12

This elective course is open to students who have successfully completed Algebra 1 or Algebra Concepts. It features a study of chemical compounds and their reactions. Theoretical interpretations and practical applications are stressed. The laboratory work is designed to allow a student to discover the principles involved or to verify the working of the principles.

Pre-req: Successful completion of Algebra 1 or Algebra Concepts and successful completion of Biology.

AP Chemistry (0340) 12 1

This Course is designed to be the equivalent to the general chemistry course usually taken during the first college year. The course will teach the fundamentals and competence in dealing with chemical problems. In addition, the course will contribute to the development of students' abilities to think clearly and express their ideas, orally and in writing, with clarity and logic. Students will be expected to spend some time outside of the regular class period in laboratory activities.

Pre-req: Successful completion of Chemistry and Physics (or Advanced Physics) and department approval. May be concurrently enrolled in Physics.

Earth Science (0350) 10,11,12 1

This is a college-prep course for students who have a special interest in physical science. Earth Science involves the study of the earth's landforms, oceans, and atmosphere. In addition, students study planetary science with a special emphasis on God's creation.

Pre-req: Successful completion of Biology and Geometry

Basic Physics (0337) 11,12 .5

The emphasis of this elective course is in the conceptual area of physics. It is practical in its approach. *This course is not accepted as a prerequisite for college entry.*

Pre-req: Intro to Algebra or higher

Physics (0343) 11,12 1

This elective course is open to students who have successfully completed Advanced Algebra or Algebra 2. Students study the relationships between matter and energy, analyzing the forces at work, with an emphasis on the mathematical expression of those relationships.

Pre-req: Successful completion of Advanced Algebra or Algebra 2 or concurrent enrollment in Advanced Algebra

Advanced Physics (0346) 12 1

This course is an in-depth study of mechanics (motion and force), energy and wave mechanics. This elective course is open to students who have successfully completed Advanced Algebra and are currently enrolled in Pre-Calculus.

Pre-req: Successful completion of Advanced Algebra
Due to scheduling conflicts, students are not able to take Advanced Physics concurrent with AP Biology or AP Chemistry. They may take regular Physics.

Electronics (0338) 11,12 .5

This elective course provides an introduction to the theory and practice of simple electronic circuits, capacitance, and transistor theory. Lab work consists of building and measuring several simple circuits. *This course is not accepted as a prerequisite for college entry.*

Pre-req: Intro to Algebra or higher

Electronics 2 (0339) 11,12 .5

Electronics 2 is a continuation of the Electronics course. Emphasis will be placed on gates, truth tables, binary numbers, and the study of computers. A basic knowledge of computer technology, history, and components will be included in this course.

Pre-req: Successful completion of Electronics

MATH

Pre-Algebra (0406)	9	2
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Pre-Algebra is a two period course that focuses on strengthening basic mathematical and pre-algebra skills necessary for enrollment in high school mathematics. It is part of the College Readiness Continuum program. One period is conducted in the traditional classroom setting and the second period is held in the Math Enrichment Lab where student work is differentiated and students work individually. Upon successful completion of this course, students may enroll in either the Algebra Concepts or Algebra 1 courses.

Pre-req: Placement by Math Department

Algebra Concepts (0410)	9,10	2
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Algebra Concepts is a two period course that focuses on primary Algebra 1 concepts: solving linear and quadratic equations, systems of equations, graphing of equations and slopes, and simplifying irrational expressions. It is part of the College Readiness Continuum program. One period is conducted in the traditional classroom setting and the second period is held in the Math Enrichment Lab where student work is differentiated and students work individually. Upon successful completion of this course, the student may enroll in the Geometry course.

Pre-req: Successful completion of Pre-Algebra or department placement

Algebra 1 (0413)	9, 10	1
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This course emphasizes solving linear and quadratic equations, systems of equations, graphing of equations and slopes, and simplifying irrational expressions.

Pre-req: Department placement

Algebra 1A (0416)	9	1
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This is an accelerated and more rigorous course than Algebra 1, which will teach students to think more critically and prepare them for the rigors of future accelerated math classes. Basic and advanced algebraic concepts will be taught in greater detail and advanced calculator techniques will be taught.

Pre-req: Department placement

Geometry (0423)	9,10,11,12	1
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This course studies geometric design and number concepts and uses the principles of logic, inductively and deductively, to arrive at conclusions which are based upon definitions, assumptions, and theorems. Geometry is necessary for the further study of math and science.

Pre-req: Successful completion of Algebra Concepts or Algebra 1 or department placement

Geometry A (0426)	9,10,11,12	1
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This is an accelerated and more rigorous course than Geometry, which will put greater emphasis on the use of deductive reasoning and proofs. Students will be taught how to solve more advanced problems and challenged to think more critically. It will also prepare them for the rigors of future accelerated math classes.

Pre-req: Successful completion of Algebra 1 or Algebra 1A, and invitation of the Math Department.

Algebra 2 (0430)	11,12	1
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The purpose of this course is to expand the students' knowledge of algebraic and geometric concepts and processes through the use of real-life applications. A variety of assessment methods are employed to develop cross-discipline integration. Completion of Algebra 2 fulfills the third unit college entrance requirement for non-math or non-science professional fields.

Pre-req: Successful completion of Algebra 1, Algebra Concepts or Geometry.

Advanced Algebra (0433)	10,11,12	1
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A thorough review and expansion of Algebra 1 to include inequalities, linear systems, functions, polynomials, irrational numbers, analytic geometry, logarithms, sequences and series, and matrices.

Pre-req: Successful completion of Geometry or Geometry A, or concurrent enrollment in Geometry.

Advanced Algebra A (0436)	10,11,12	1
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This is an accelerated Advanced Algebra course for gifted math students. Concepts will be covered in greater detail; higher level problems and questioning techniques will be used to prepare students for the rigors of Calculus. Students who have successfully completed this course and Trigonometry may be eligible to take AP Calculus AB the following year. **Pre-req: Successful completion of Geometry or Geometry A, and invitation of the Math Department.**

Advanced Statistics and Probability (0438)	10,11,12	.5
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This course studies data collection, sampling techniques, organization and presentation of data, measures of central tendency, probability concepts, statistical estimation, hypothesis testing, correlation analysis, linear regression and analysis of variance. Students use graphing calculators and statistical software to examine and practice these theories and concepts.

Pre-req: Successful completion of Advanced Algebra

Trigonometry (0439)	10,11,12	.5
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A study of trigonometric functions and their inverses, circular functions, triangle trigonometry, sine waves, vectors and complex number equations. Trigonometry is essential to the study of Pre-Calculus and Calculus.

Pre-req: Successful completion of Advanced Algebra or Algebra 2, or in second semester with concurrent enrollment in Advanced Algebra

Pre-Calculus (0443)	11,12	.5 or 1
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This is a college level course which challenges students to think more critically to better prepare them for the rigors of college mathematics and Calculus. Students may choose to take the first semester only, which offers a detailed review of concepts learned in Advanced Algebra along with an introduction to sequence and series. The second semester focus is on Calculus related concepts such as vectors, limits, and differentiation.

Pre-req: First semester: Successful completion of Advanced Algebra. Full year: Successful completion of Advanced Algebra and Trigonometry or successful completion of Advanced Algebra and first semester concurrent enrollment in Trigonometry.

AP Calculus AB (0448)	12	1
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This is an advanced placement course, which will follow the AP Calculus AB curriculum. Students are encouraged to take the AP Calculus AB test, which could allow them to earn 4 college math credits.

Pre-req: Successful completion of full year of Precalculus and math department approval or successful completion of Advanced Algebra A and Trigonometry and math department approval. It is recommended that a student has a 3.5 math GPA after taking a full year of Precalculus or a 3.7 math GPA after taking Advanced Algebra A and Trigonometry.

AP Calculus BC (0449)	12	1
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This is an advanced placement course, which will follow the AP Calculus BC curriculum. This course is equivalent to two semesters of college Calculus. Students are expected to take the AP Calculus BC test which will allow them to earn 8 college math credits.

Pre-req: Successful completion of AP Calculus AB and department approval.

SOCIAL STUDIES

World History

Students must complete two of the following three one-semester courses to meet their graduation requirements for Social Studies. Students may complete the one-semester courses in any order.

Students may take the third one-semester course and count it toward their Social Studies electives. If a student chooses to take all three one-semester World History courses, he or she must complete all three in his or her sophomore and junior years.

World History: Ancient (0524) 10,11 .5

Students study the early history of the world, including early Egypt and the first civilizations of Africa, Asia, India, and China. Students learn about ancient Greece and Rome and early Christianity, as well as the early civilizations of the Americas. The course concludes with a study of the Byzantine Empire.

Pre-req: None

World History: Medieval-Early Modern (0525) 10,11 .5

Students study the rise of Europe and the Muslim world, covering the Middle Ages, the Renaissance and Reformation, the ages of Absolutism and Enlightenment, and the Global Age. Students learn about the French Revolution and Napoleon, and the course concludes with the Industrial Revolution.

Pre-req: None

World History: Modern (0526) 10,11 .5

This course focuses on the twentieth century. Major events include World War One, the Russian Revolution, World War Two, and the Cold War. Students study industrialism, global nationalism, and revolutions. A significant portion of the course is non-western history; areas of study include Asia, the Middle East, Africa, and Latin America prior to World War Two.

Pre-req: None

United States History (0533) 11,12 (Required) 1

Students study the history of their country from the Age of Discovery to the present, covering the following major themes: Colonial period, Revolutionary War, the Constitution, early years of the Republic, sectionalism and the Civil War, Reconstruction, the Gilded Age (industrialization, immigration, and urbanization in the late 19th century), the emergence of America as a world power, World War I, the Roaring 20s and Great Depression, World War II, the Cold War and post cold war era, including foreign policy and the domestic scene.

Pre-req: At least one semester of World History

AP U.S. History (0530) 11,12 1

AP U.S. History is a full year elective course designed for the highly-motivated and academically gifted student. It involves an in-depth study of United States history, providing opportunity for research, writing, and discussions about history. This fulfills the WLHS graduation requirement in place of U.S. History. Students in this course may choose to take the Advanced Placement exam in U.S. History at the conclusion of the year.

Pre-req: GPA ≥ 3.800 in English, math, and science

American Government (0534) 10,11,12 .5

This elective course begins with the formation of our American democracy and follows it as it has evolved to today. Studies include the U.S., the three branches of government and their significance, and a general study of all the pertinent facts involving our democratic government.

Pre-req: None

Philosophy (0536) 11,12 .5

Philosophy is a one-semester, elective course for juniors and seniors. Students examine the philosophical thought of the western world. They will be challenged to be both appreciative and critical of human wisdom, judged by the Divine Light of Scripture.

Pre-req: Upper half of the class and department approval

Economics (0537) 10, 11,12 .5

This elective course helps students in many ways, especially in their calling as Christian stewards, and as individuals, members of their communities, and global citizens. Students will learn about economic systems and business organizations, market structures, financial markets, and government influences on our economy. The focus is on practical answers to questions like "Why does gas cost so much?" and "How can the government just create money?"

Pre-req: None

World Geography (0539) 10,11,12 .5

This elective course studies the world in terms of location, place, regions, human-environment interaction, and movement. The course overviews the physical and cultural geography of the world to enable students to better understand world cultures.

Pre-req: None

The World Since 1945 (0540) 11,12 .5

The World Since 1945 is a one-semester elective course designed to give students the opportunity to study the history of the western and non-western world since World War II. It also gives students the opportunity to study current world affairs such as the nuclear age and the Cold War, the Pacific Rim and modern China, the Arab-Israeli conflict, Islamic fundamentalism and to anticipate potential future events.

Pre-req: Successful completion of two semesters of World History and department consent

AP Psychology (0541) 11,12 1

AP Psychology is a full year, elective course for juniors and seniors. It provides students with an understanding of psychology as a developing field of study; insight concerning human development, thought, and behavior; and appropriate applications in the modern life of Christians. Students who complete the course have the option of taking the Advanced Placement exam in Psychology.

Pre-req: GPA ≥ 3.800 in English, math, and science

FOREIGN LANGUAGE

The Foreign Language Department offers four years of instruction in each of three languages: German, Latin and Spanish.

In deciding which language to elect, you should know that **all three have proven to be of equal difficulty**. All of them require daily study to be successful. More specific information on each language may be obtained from the department chairman.

Students who elect a foreign language have a good chance for success if they have shown normal progress in their English and math coursework, and have good memorization and study skills.

German 1 (0601)	9,10,11,12	1
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This one year course is for beginning language students. It emphasizes the four basic language skills of listening comprehension, reading, writing, and speaking as well as vocabulary development and basic sentence structure. Students are also introduced to the German culture.

Pre-req: Department approval

German 2 (0603)	10,11,12	1
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This one-year course is for students who have *successfully* completed German 1. The second year program leads to a more comprehensive study of vocabulary, reading, writing, speaking, grammar and culture.

Pre-req: Successful completion of German 1

German 3 (0605)	11,12	1
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This one-year course is for students who have *successfully* completed German 2. Greater proficiency in listening and in speaking is emphasized. Reading practice on a challenging level is pursued to increase the student's ability to work with the language. A great deal of practice in writing and speaking the language is provided, along with a deeper immersion in the culture.

Pre-req: Successful completion of German 2

German 4 (0607)	12	1
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This one-year course is for students who have *successfully* completed German 3. The course stresses increasing proficiency in listening comprehension, speaking, reading and writing skills. Cultural activities at all levels of proficiency are part of the course.

Pre-req: Successful completion of German 3

Latin 1 (0621)	9,10,11,12	1
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This full-year introductory course uses a natural approach to language learning. Students learn the Latin language and Roman culture by reading about the family of a Roman Senator in 80 A.D. The family's experiences in Rome and at their country villa give students an interesting backdrop as they acquire the rich language heritage of Latin.

Pre-req: Department approval

Latin 2 (0623)	10,11,12	1
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This full-year intermediate course is for students who have *successfully* completed Latin 1. Students acquire the remaining Latin grammar as they continue to follow the Roman family through life experiences such as banquets, schooling, betrothal, marriage, and Roman funeral customs.

Pre-req: Successful completion of Latin 1

*Cicero's Orations (0625)	11,12	1
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This full-year Latin literature course is for students who have *successfully* completed Latin 2. After a comprehensive review of Latin grammar, students read major selections from the most famous of Cicero's *Orations* (Students will translate portions of Caesar's *Gallic War* as part of the review). Cicero used his skills of oratory to prosecute criminals and conspirators, as well as to defend his friends. The timeless parallels to contemporary situations offer opportunities for discussion (2011-2012).

Pre-req: Successful completion of Latin 2

*Virgil's Aeneid (0627)	11,12	1
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This full-year Latin literature course is for students who have *successfully* completed Latin 2. After a comprehensive review of Latin grammar, students read several books of the *Aeneid* in Latin, as well as an overview of the English translation. (Students will translate portions of Caesar's *Gallic War* as part of the review.) The writer's purpose for his epic and the religious and cultural aspects in the story are a consistent emphasis. (2012-2013)

Pre-req: Successful completion of Latin 2

**Cicero's Orations and Virgil's Aeneid are offered in alternating years, to a combined third and fourth year class.*

Spanish 1 (0641)	9,10,11,12	1
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This one-year course is for beginning language students with sound language and memorization skills. It is a study of the fundamentals of the language with emphasis on vocabulary development and sentence structure. It also introduces the students to Hispanic culture.

Pre-req: Department approval

Spanish 2 (0643)	10,11,12	1
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This one-year course is for students who have *successfully* completed Spanish 1. It is designed to deepen the students' knowledge of the grammatical structure of the Spanish language as well as to expand their vocabulary. Hispanic culture is included in the text and in additional materials.

Pre-req: Successful completion of Spanish 1

Spanish 3 (0645)	11,12	1
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This one-year course is for students who have *successfully* completed Spanish 2. It emphasizes the four basic language skills: listening comprehension, speaking, reading, and writing, with an introduction to Spanish literature. Grammar review, vocabulary expansion, and Hispanic culture are also stressed.

Pre-req: Successful completion of Spanish 2

Spanish 4 (0647)	12	1
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This one-year course is for students who have *successfully* completed Spanish 3. It is literature based and emphasizes the further development of listening comprehension, speaking, reading and writing as well as the study of Hispanic culture.

Pre-req: Successful completion of Spanish 3

BUSINESS EDUCATION

Keyboarding (0701)	9,10,11,12	.5
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This course is a one-semester class which teaches students how to use a computer keyboard properly using the touch method. This skill will be developed and applied to formatting documents useful in the personal life of a student/citizen (personal business letters, academic reports, tables, etc). It will be useful in future educational experiences, in personal life, and provides the foundation skill for the profession many students choose. It is a prerequisite for Using Technology.

Pre-req: None

Computer Applications (0703)	9	.5
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Computer Applications is a one-semester class at the freshman level designed for those students who can operate a computer keyboard but lack formatting skills. Their keyboarding skills will be enhanced and applied to: (1) formatting documents useful in the personal life of a student/citizen (personal business letters, academic reports, tables, etc.) (2) researching on the Internet (3) preparing a PowerPoint presentation. It is a prerequisite for Using Technology.

Pre-req: Keyboarding Proficiency Test

Using Technology (0704)	9,10,11,12	.5
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Students who complete Using Technology will obtain a working knowledge of the Microsoft Office Professional Suite, thus enabling them to better use their God-given gifts in the area of technology. Units include studies of Word, Excel, PowerPoint, Access and Internet use. The class culminates with an office simulation that encompasses all disciplines.

Pre-req: Keyboarding or Computer Applications, or Keyboarding Proficiency Test

Electronic Publishing (0707)	10,11,12	.5
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Electronic Publishing is a one-semester course designed to familiarize students with a variety of emerging technologies. Students will learn how to build and maintain websites using Dream Weaver, including creating podcasts and webcasts. Students will also learn the basics of desktop publishing using InDesign.

Pre-req: Keyboarding or Keyboarding Proficiency Test

Exploring Business (0713)	9,10	1
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This course is designed to give the student a knowledge of those business activities which affect everyone regardless of economic status (credit, checking accounts, insurance, etc). It also provides an exploration of business careers.

Pre-req: None

Accounting I (0723)	10,11,12	1
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This first year accounting course is open to sophomores, juniors, and seniors and has the following goals: (1) to know accounting as it relates to careers; (2) to know accounting terminology; (3) to understand accounting concepts, principles and practices; (4) to apply accounting procedures.

Pre-req: None

Advanced Accounting (0726)	11,12	1
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This one-year course is open to students successfully completing Accounting 1. It applies accounting concepts learned in the first year to special situations, increases students' knowledge of accounting principles, and relates accounting to career opportunities.

Pre-req: Successful completion of Accounting 1

Business Occupations (0743)	12	1
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In this capstone course, the students develop a working knowledge of sound business practices. This course is encouraged for all Business Cooperative Education participants. Topics covered in Business Occupations are: Working Smart in Work Place 2000, Ethics in the American Business Community, Human Relations and Career Development. The students are also given the opportunity to further refine their business application skills through skills development exercises.

Pre-req: Keyboarding

Business and Personal Law (0752)	11,12	.5
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This course examines the roles and functions of law in our daily lives. Throughout the semester, students will examine laws relating to societal living, contracts, property, and labor. In addition, students will, through the study of God's Word, determine how a Christian should live in an increasing litigious society. The class culminates with a mock trial, in which students assume the roles of the parties of a court case.

Pre-req: None

Money Matters (0765)	11,12	.5
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This course is designed to develop in the student financial management skills. Students will learn to use their personal financial resources to enjoy today and be financially secure tomorrow. Proper Christian stewardship principles will be stressed. The class culminates with each student developing a personal financial plan.

Pre-req: None

Marketing (0775)	10,11,12	.5
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Marketing is designed to enable the student to develop an understanding of the broad field of marketing. This course includes instructional areas designed to provide learning of the fundamental marketing processes, i.e.: market concepts and strategies, sales and promotional techniques. The student will see why marketing is important to the success of every organization and vital to our economic growth and development. The students enrolled in this course will be part of a student-operated store.

Pre-req: None

Entrepreneurship (0780)	11,12	.5
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This course is open to seniors who intend to enter the field of business finance or management. It is also intended for the student who is considering owning his/her own business in the future.

Pre-req: Successful completion of Accounting 1

Business Cooperative Education	12	2
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This one-year course is open to any senior student who meets the qualifications of the program. In order to qualify, the student must have completed one full unit of Business Education courses, maintained a good attendance record and have at least a 2.0 GPA. This course offers to the student the opportunity to work, with arranged release time, in actual business settings. Seniors pursuing a strong emphasis in business are encouraged to apply. Upon successful completion of the program, up to two units are granted. *(The student must concurrently be enrolled in a Business course).*

Pre-req: One full unit of business education courses

TRADE AND TECHNOLOGY EDUCATION

Technical Drafting (0805) 9, 10, 11, 12 .5

This one-semester course is designed for students who are interested in career fields ranging from woodworking and metal working to mechanical design. The student will learn the required skills to draw and understand basic mechanical drawings. Drafting problems will be solved which will train the student in visualization skills, abstract thinking, and problem solving. Computer-Aided-Drafting (CAD) software will be used extensively - both 2-D AutoCAD and 3-D Inventor.

Pre-req: Successful completion of Intro to Algebra

Architectural Drafting 1-2 (0808) 11,12 .5 or 1

*Note: This one- or two-semester course is open to juniors and seniors who have completed Exploring Mechanical Drafting or Technical Drafting, Housing and Interior Design, or the exploratory art courses of Drawing/Sketching or Mixed Media. The first semester emphasizes architectural drafting practices and techniques. The second semester focuses on architectural design and ends in the planning and design of a single family home. Students are introduced to Computer-Aided Drafting (CAD).

Pre-req: Technical Drafting, Housing and Interior Design, or the exploratory art courses of Drawing/Sketching or Mixed Media

Advanced Architectural Drafting (0810) 12 .5 or 1

This one- or two-semester course is for students who have successfully completed Architectural Drafting 2 and wish to add to their drafting skills and understanding. Students do extensive drafting on the computer (CAD). The class is recommended for students who plan to continue their training at a technical school as well as those who will enter a college architectural or architectural engineering program.

Pre-req: Successful completion of Architectural Drafting 2

Introduction to Engineering Design (0830) 9, 10, 11, 12 1

This year long course is designed to give students a glimpse into engineering as a career. The students will use engineering design programs such as AutoCAD and Inventor to create 2-D and 3-D drawings. Emphasis is also given to the communication and team work skills needed for the field of engineering.

Pre-req: Concurrent enrollment in or successful completion of Algebra 1A or Geometry

Principles of Engineering (0832) 9, 10, 11, 12 1

This year-long course is intended to show students how math, science, and manufacturing relate to the field of engineering. Topics of energy, materials, control systems, and kinematics will be covered from the engineering view point. Emphasis is also given to the communication and team work skills needed for the field of engineering. It is recommended that students planning Project Lead the Way coursework for four years should begin with *Introduction to Engineering Design* before taking *Principles of Engineering*.

Pre-req: Concurrent enrollment in or successful completion of Algebra 1A, Goemetry, or higher college prep math class.

Digital Electronics (0834) 10,11,12 1

This one-year course is intended to show students how math and science relate to th field of electronics and engineering. Topics will include analog and digital electronics, combinational and sequential logic, and microcontrollers. Students taking this class will have a greater understanding of the electronics used in everyday life.

Pre-req: Successful completion of both Geometry and IED or POE.

Graphic Communication (0845) 9, 10, 11, 12 .5

This one-semester course is for students who are interested in graphic design as a potential career. Design concerns such as balance, layout, and text formatting are stressed as students use their artistic talents to create a variety of graphic projects using Adobe Illustrator, Photoshop, and PageMaker.

Pre-req: None

Exploratory Shop: Wood/Metals (0820) 9,10,11,12 .5

This one-semester class is open to all students and is designed to give both boys and girls an opportunity to explore their interests in working with wood and metal. Students will learn fundamental skills and machine operation in each subject area. Primary emphasis is given to helping students determine their interest and God-given abilities in each of these manufacturing areas.

Pre-req: None

Wood 2 (0822) 10,11,12 .5

This one-semester course is for those who have completed the exploratory wood course and is designed to give students an introduction to machine woodworking. Areas of focus are machine operation, safety, and project construction. Computer-Aided-Machining is also introduced. Proper design, planning, and processing of wood and plastic materials are emphasized. Students considering a career in wood-related industries - furniture manufacturing, cabinet and mill work, etc. - will benefit from this class.

Pre-req: Successful completion of Exploratory Woods.

Wood 3 (0823) 10,11,12 .5

This one-semester course extends the skills and knowledge learned in Wood 2. The vocational fields of laminate and solid surface fabrication, finishing, and furniture-related construction processes are introduced and highlighted. The student also continues to progress in the use of the computer-aided equipment - router and lathe. The course concludes with mass-production processing using a team approach. Students considering a career in wood-related industries - furniture manufacturing, laminate fabrication, cabinet and mill work, etc. - will benefit from this class.

Pre-req: Successful completion of Wood 2

Construction Skills (0825) 11,12 .5

This one-semester course exposes a student to a variety of careers in the construction field. Through a number of hands-on experiences, students explore fields such as masonry, carpentry, and house wiring. A major part of the class is the construction of a shed or small cabin.

Pre-req: Wood 2 or approval of the instructor

Advanced Wood (0826) 11,12 1

This one-year advanced course is designed for the serious woodworking student who is planning on an apprenticeship program or technical school enrollment after high school. The student develops increased competence in planning and building more difficult projects. Advanced wood finishing techniques are learned and applied. Further Computer-Aided-Machining is also emphasized. Typical projects chosen and made by the students are gun cabinets, tables, clocks, entertainment centers, etc.

Pre-req: Successful completion of Wood 3 and Technical Drafting

Metals 2 (0862) 10,11,12 .5

This one-semester course is for students who have completed the Exploratory Metals class. The course is designed to build on interests and skills in the metal working trades. Students will work on projects in machining, sheet metal, and welding.

Pre-req: Successful completion of Exploratory Metals.

Metals 3 (0863) 10,11,12 .5

This one-semester course is open to those students who have *successfully* completed Metals 2. Exploratory Mech. Drafting is strongly recommended. New technologies in metal working and plastics are emphasized.

Pre-req: Successful completion of Metals 2

Advanced Metals (0864) 11,12 .5 or 1

This one- or two-semester course is open to students who have *successfully* completed Metals 3 and Exploratory Mechanical Drafting. Students will further their skills in Metal working and design by solving a variety of problems related to manufacturing. Students who plan a career in engineering or metals technology would benefit from this course.

Pre-req: Successful completion of Metals 3 and Technical Drafting

Small Engines (0881) 11,12 .5

This one-semester course is designed to introduce the student to understanding the operation of small gasoline engines, 2 and 4 cycle. Repair, troubleshooting, maintenance, and safety in operation are covered. Students disassemble and reassemble several small engines.

Pre-req: None

**Cooperative
Industrial Education 12 1 or 2**

This one-or two-semester course is open to Trade and Technical Education or Family and Consumer Education students who have *successfully* completed appropriate course work in their department as determined by the co-op coordinator. Work experience is provided through a local business that will train students in a variety of skills. Students interested in this course are required to submit an application (available in the Guidance Office) to the coordinator, Mr. Haakenson.

FAMILY AND CONSUMER EDUCATION

Food Techniques (0901) 9,10,11,12 .5

A one-semester course designed for the **inexperienced** cook. It will provide hands-on experiences in food preparation, safety and sanitary cooking procedures. Students will gain an understanding of ingredients and their functions while preparing typical breakfast and lunch menus.

Pre-req: None

Meal Management (0902) 9,10,11,12 .5

A one-semester course designed for the cook **with experience** in planning, preparing and serving healthy meals (see Food Techniques). More advanced food preparation techniques will be applied with emphasis on planning and timing of meals. Included are skills in meat, poultry, homemade desserts and breads, and other foods characteristic of dinner meals. This course is recommended for anyone thinking about a career in a foods-related area.

Pre-req: None

Hospitality Foods (0903) 10,11,12 .5

A one-semester course designed for the **experienced** cook. It will provide an extensive study of planning, preparing, and presenting foods as they relate to entertaining guests in your home. Units include appetizers, cake decorating, candy making and garnishing. Students will use these skills when they host a catered event during the semester. This course is recommended for anyone thinking about a career in a foods-related area. **You will have one or two lab periods for this class each week during your F.A.C.E. study hall or commons period.**

Pre-req: None

World Wide Cuisine (0904) 10,11,12 .5

A one-semester course for the experienced cook who wants to learn the background and origins of foods from around the world. It will include a study of cultures and the preparation of foods of these regions of the world as well as regions of the United States.

Pre-req: None

Fashion Techniques 1 (0911) 9,10,11,12 .5

A one-semester introductory course of sewing for students with little or no previous experience. After learning to use the sewing machine for basic sewing projects, the student chooses other projects to further advance their sewing skills. **Students purchase their own sewing supplies, including fabric for projects.**

Pre-req: None

Fashion Techniques 2 (0913) 9,10,11,12 .5

A one-semester course for students with previous clothing construction experience. Students choose projects which may include clothing, sewing for the home, quilting, craft sewing, and possibly knitting and crocheting skills. **Students purchase their own sewing supplies, including fabric for projects.**

Pre-req: Fashion Techniques 1

Fashion Techniques 3 (0915) 10,11,12 .5

A one-semester course designed to explore possible career paths in textile and fashion industries. Students will work with current technology for designing apparel and fashion accessories and a Microsoft Windows-powered sewing machine. Students will travel through a history of fashion, experience the manufacturing process and expand their sewing and construction techniques. **Students provide their own sewing supplies and purchase additional supplies as needed.**

Pre-req: Fashion Techniques 2

Family Living (0931) 11,12 .5

This one-semester course is open to all juniors and seniors who are interested in preparing for a smooth transition from young adulthood to independent living, marriage and family. Topics covered include budgeting, credit and checking accounts, apartment rental and insurance. This course covers the Christian principles of dating, single living, wedding planning, and the family life cycle. Students enrolled in this class will participate in the Reality Store event.

Pre-req: None

Child Development (0932) 11,12 .5

This one-semester course is offered to juniors and seniors who wish to learn about the development of children from conception through age 5. It focuses on the blessings children will be when you are a mom or dad some day. We will explore how children grow physically and intellectually. We will also take a look at pregnancy and the birthing process. Students will spend a day at a preschool to put into practice the things learned in class and work directly with small children.

Pre-req: None

Housing and Interior Design (0933) 11,12 .5

A one-semester course for juniors and seniors. Students will use the elements and principles of design along with practical aspects for selection of materials. Furniture styles, floor plans, and fabric are among the topics studied. The culminating project is a portfolio of a complete room design. This course is recommended for anyone interested in a career in interior design or decorating.

Pre-req: None

ART

Exploratory Art: Drawing/Sketching (1001) 9,10,11,12 .5
 This one semester course is a study in drawing and appreciating art. Students will learn to see as an artist sees, draw people, scenes, and still life realistically, and study the work of several great artists through audiovisual aids.
Pre-req: None

Drawing and Sketching 1 (1030) 9,10,11,12 .5
 This course is open to any student who has successfully completed Exploratory Drawing/Sketching. It will expand on Exploratory Drawing/Sketching topics, and explore new drawing skills. This course is non-sequential with Painting.
Pre-req: Exploratory Art: Drawing/Sketching

Painting (1013) 10,11,12 1
 This two-semester course, for those students who have completed Exploratory Drawing/Sketching, involves the development of skills in seeing and acquiring the techniques of painting. The student will paint with watercolors, tempera, and acrylics. Subject matter will include landscapes, still lifes, portraits, and abstractions.
Pre-req: Successful completion of both Drawing and Sketching 1 and Mixed Media, or the consent of the instructor.

Advanced Painting (1015) 11,12 1
 This year long course is open to students who have completed Painting. Students will build on their acquired techniques of painting in acrylic and watercolor. They will continue their study of famous artists and various styles of painting throughout history.
Pre-req: Completion of Painting with a "B" or better, or the consent of the instructor.

Exploratory Art: Ceramics/Mixed Media (1002) 9,10,11,12 .5
 This one-semester course includes a unit of ceramics and a unit of mixed media. The ceramics class includes hand building and decorating of pottery. In mixed media, students work with markers, tempera, and other materials. Emphasis is on the fundamentals of design and color.
Pre-req: None

Ceramics 1 (1023) 10,11,12 1
 This one-year course, open to students who have completed Exploratory Ceramics/Mixed Media, develops a working knowledge of clay and the methods used to build with the material. This is done by teaching the basic hand building techniques and encouraging the use of imagination in problem solving. Students also use the potter's wheel as a method of developing ceramic art work.
Pre-req: Expl. Ceramics/Mixed Media

Advanced Ceramics (1026) 11,12 1
 This one-year course is open to students who have completed Ceramics 1. Students will develop proficiency hand-building and working on the potter's wheel. There will be an introduction to sculpture. Types of work will include a variety of vessels such as cups, saucers, covered containers, tea pots, and altered forms.
Pre-req: Ceramics 1

Advanced Ceramics 2 (1028) 12 1
 This one-year course is open to students who have successfully completed Advanced Ceramics. Students will have the opportunity to choose an emphasis (hand-building or the potter's wheel) and develop advanced skills through personal instruction. Students planning to major in art or attend art school will be encouraged to create pieces for an art portfolio.
Pre-req: Successful completion of Advanced Ceramics

MUSIC

Band (1103) 9,10,11,12 1
 This is a performance-based course in band music with emphases on the development of our God-given talents and personal growth in instrumental fundamentals, musicianship and technique. Students will learn marching band techniques and participate in our competitive marching band program during the first quarter. **Membership in marching band requires a commitment to attend rehearsals and band camp throughout the summer and weekend rehearsals and competitive performances in the fall.** During the remainder of the school year, students continue their development of concert music repertoire, providing exposure to wind band literature of the highest quality and at various levels according to ability. The band performs during the school year at all home football games, gives three major concert performances and is actively involved in providing small ensembles for area churches, WLHS events, and WSMA Solo Ensemble Festival. Students will be given small group lessons as the band director's schedule permits.

Pre-req: Previous grade school band experience, private instrumental lessons, or consent of the instructor.

Musicianship through Handbells (1113) 9,10,11,12 .5
 This course requires no experience in reading music or playing handbells. Students will be introduced to the basic music skills of notation, absolute note names, rhythm, meter, and expressive elements. These musical elements will be applied to the art of handchime and handbell ringing. Students will also work with numerous handbell techniques incorporated in music today. Performance opportunities include WLHS chapel services, WLHS choral concerts and a culminating concert at the end of the semester.

Pre-req: None

Freshman Choir (1123) 9 1
 This course meets throughout the school year. No previous singing experience or musical training is required. Choral music of various styles and periods in music history is selected for daily rehearsals. Students develop proper vocal technique and music reading skills through classroom activities. Freshman Choir sings for three WLHS Choral concerts, chapel services, and at two-three area congregations for worship throughout the year.
Pre-req: None

Cantorei Choir (1133) 10,11,12 1
 This choir meets throughout the year. It is open to sophomore, junior, and senior **girls** who wish to join their voices in song. No choral experience is needed. Music of various styles from periods in music history is selected for daily rehearsals. Students develop proper vocal technique and music reading skills through classroom activities. The choir performs in three WLHS concerts, WLHS chapel services, and in Sunday worship services at area churches four times per year.
Pre-req: None

A Cappella Concert Choir (1163) 10,11,12 1
 Entrance into this choir is through a placement audition and successful completion of both the Freshman and Cantorei choirs. A junior or senior student who has had only one year of previous choral experience could qualify for membership but then must pass a rigorous audition. Choral music of various styles and periods in music history is selected for daily rehearsals. The choir performs in three major concerts, and during the year they sing for Sunday worship services at area churches from October to May.

Music Theory 1 (1181)	10,11,12	.5
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This one semester course will cover such areas as the notation of pitch, rhythm and meter, expressive elements, major scale construction, intervals, and triads. Students will acquire proficiency in reading, writing, listening and analysis, and aural recognition of musical elements and apply them to original compositions using Finale Notepad. While open for anyone wishing to learn more about the construction of music, this course will prepare students considering a career in music for college theory entrance exams.

Pre-req: Two or more years of instrumental/vocal music lessons.

Music Theory 2 (1183)	10,11,12	.5
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Students will continue to refine the skills acquired in Music Theory 1. Triads and their inversions, seventh chords, chord progressions, minor and modal scales, form, and music history will provide the basis for study and original composition. Activities include reading, writing, listening and analysis, and aural recognition. This course is designed for students who would like to explore writing music (composition) and/or may be considering a career in music.

Pre-req: Music Theory 1 or consent of instructor.

HEALTH AND PHYSICAL EDUCATION

Christian Health & Wellness (1200)	9	(Required) .5
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This required course seeks to develop a health-conscious Christian who applies Christian principles to personal matters of physical, emotional, social, and spiritual health. Such an individual is capable of analyzing personal life-styles and communicating healthy concepts to others. Unit topics include: Healthy decision making, Nutrition, Mental health, Human development, Preventing substance abuse, and Modern health problems.

Pre-req: None

Physical Education 1 (1201)	10	(Required) .5
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This required co-ed course combines team activities, fitness and individual/lifetime sports. The course helps students develop good health habits, physical fitness, motor skills, and an appreciation and knowledge of various sporting experiences. Activities include country dance, speedball, pickleball, fitness, in-line skating, scoops ball, and indoor soccer.

Pre-req: None

Physical Education 2 (1203)	11	(Required) .5
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This required co-ed course combines team activities and individual/lifetime sports. The course helps students develop good health habits, physical fitness, motor skills, and an appreciation and knowledge of various sporting experiences. Activities include social dance, badminton, golf, fitness, ultimate Frisbee, and lacrosse.

Pre-req: Phy Ed 1

Physical Education 3 (1208)	12	.5
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This class will help students appreciate their God-given bodies and assist them in developing good exercise and nutrition habits. The student will develop and implement a 16-week exercise program. Using the interactive CD-ROM "Fitness Gram," the student will be able to test and analyze their composition, strength, and aerobic ability. From this analysis they will write their own goals to be followed for three days each week. Two days of the week will be set aside for competitive activities based on units from Physical Education 1 and 2. These activities include: basketball, volleyball, racquetball, speedball, soccer, softball, Frisbee football, flag football, and lacrosse.

Pre-req: Successful completion of Phy Ed 2



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