

# ARIZONA LUTHERAN ACADEMY - CURRICULUM GUIDE 2022-2023

## **ENGLISH**

### **English Department Philosophy:**

God created the universe through his all-powerful word (Genesis 1). In his word, the Bible, he makes known to us his revealed will. The importance of language in our relationship with God and service to him along with the people he places in our lives dare not be understated. English courses at Arizona Lutheran Academy center around our trust in God's word as holy and true and the joy of the Gospel message found in that Word: Jesus as our one and only Savior from sin. Through faith, we respond to God's love for us; how wonderful that through the medium in which God reveals his plan of salvation, we have a way to thank and praise him, come to him in prayer, and share the Gospel with others!

At ALA we believe the goal of the English department therefore, is to prepare our students for lifelong faithful, active, and eager examination of the Scriptures that reveal the Savior (Acts 17:11), and lifelong faithful, active, and eager obedience to Jesus' command to "make disciples of all nations" (Matthew 28:18). We will accomplish this in three main ways. First, our students will grow in understanding and love of language through their practice of listening, speaking, reading, and writing skills and their study of the fundamentals of the English language. Secondly, our students will effectively communicate in both written and spoken formats through respectful class discussions, public speaking opportunities, and continued practice and utilization of the writing process. Finally, our students, through the critical evaluation and analysis of both fiction and nonfiction texts and connecting what they read to their own lives, will learn to empathize with others and understand their perspectives while still evaluating everything according to God's word and speaking the truth in love, sharing the message of Law and Gospel with all people.

No matter what opportunities God grants them, our students will be able to faithfully and effectively serve their Lord through their use of language, faithfully hold to his word, and spread the message of the Gospel in their words and deeds until the time they praise him for all eternity in heaven.

### **ENG1048 Literature & Composition 1**

Grade: 9

Course Length: full year

Teacher: B. Wells

Credit: 0.5 per semester

Description: Introduction to Literature and Composition combines study and practice of literature, composition, and grammar skills with a short public speaking unit. Literature study includes the study of several novels and a Shakespearean play. In composition, students start by constructing shorter essays and progress to longer works, including a research paper. Grammar study includes the parts of speech and sentence construction.

### **ENG1049 Literature & Composition 2**

Grade: 10

Course Length: full year

Teacher: J. Romsdahl

Credit: 0.5 per semester

Description: Literature and Composition focuses on English language skills in writing various forms of compositions through literature analysis. A number of novels varying from classics to contemporary works across several genres provide the framework for writing responses. A study of more complex grammar topics as well as various types of compositions focusing on the writing process and proper use of citation in writing completes the course.

### **ENG1057 Classic Literature & Speech**

Grade: 11

Course Length: full year

Teacher: J. Romsdahl

Credit: 0.5 per semester

Description: Classic Literature and Speech is a course that studies a variety of classic literature pieces and their impact on society, paying particular attention to historical context and its impact on ways of thinking; writing responses and vocabulary skills are emphasized. Students will also study renowned speakers and their speeches, appropriate public speaking skills, speech writing and delivery, as well as debate.

### **ENG1058 British Literature & Composition**

Grade: 12

Course Length: full year

Teacher: B. Wells

Credit: 0.5 per semester

Description: British Literature and Composition features the study of British literature with a strong writing emphasis. Classic works from the Anglo-Saxon, Elizabethan, Victorian, and 20th century periods are featured and provide excellent opportunities for analytical and critical thinking skills to further develop. Students also improve their public speaking skills by giving a variety of speeches. The writing component of the course features many shorter compositions and longer ones such as a research paper, a persuasive essay, and a position paper.

### **ENG3014\_SL AP® English Literature & Composition**

Grade: 12

Course Length: full year

Teacher: B. Wells

Credit: 0.5 per semester

Prerequisite: Classic Literature & Speech & teacher approval

Description: The College Board's Advanced Placement (AP) English Literature and Composition course involves the reading and critical analysis of imaginative literature of recognized literary merit. Representative works from various genres

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(poetry, drama, fiction, and exposition), countries, and time periods from ancient Greek to modern day are featured. The writing portion of the course includes primarily expository, analytical, and argumentative essays of various lengths as students develop the ability to organize ideas in a clear, coherent, and engaging manner. A score of 3 or higher on the final College Board Standard Exam can result in college credit for the course.

## **ENG1033 Foundations of English**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: L. Stahmann

Credit: 0.5 per semester

Description: Foundations of English is a course designed to introduce academic English to students studying in the United States for the first time. This course will help students develop reading, writing and vocabulary skills necessary for language arts, social studies, science and math. Students will also practice their oral language skills on a daily basis through interaction with the instructor and their peers.

## **MATH**

### **Math Department Philosophy:**

At ALA we believe the mathematics department will challenge each student to develop and extend mathematical proficiency and literacy through a focused and coherent curriculum, quality mathematics teaching, and assessments that meet the learning needs of each student. The study of mathematics at ALA will enable students to better understand the order of God's creation and His unfathomable wisdom. Instruction will promote critical thinking, problem solving, and communication preparing all students for confidence and success in mathematics experiences beyond high school.

## **MAT1003 Algebra 1**

Grade: 9

Course Length: full year

Teacher: J. Johnson

Credit: 0.5 per semester

Description: Algebra is a study of the language of mathematics. Students in Algebra 1 will grow in their understanding of the greatness of God in ordering our universe mathematically. Linear equations and inequalities, systems of equations in two variables, function notation, and graphs of linear, exponential, and quadratic functions are studied. Additionally, solving equations of one and two degrees will be an emphasis. Operations on polynomials and properties of exponents is also covered. Applications of all concepts in problem solving situations is a daily expectation. Completion of Algebra 1 prepares students to continue their study of mathematics in Geometry.

## **MAT1005 Geometry**

Grade: 9, 10, 11

Course Length: full year

Teacher: M. Heyn

Credit: 0.5 per semester

Prerequisite: Algebra 1

Description: Geometry provides students with experiences that deepen the understanding of two and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of:

- points, lines, angles, and planes;
- polygons with a special focus on quadrilaterals, triangles, and right triangles;
- circles; and
- polyhedral and other solids.

An understanding of proof and logic is developed. Students will see that algebraic concepts are integrated throughout the geometry coursework.

## **MAT1004 Algebra 2**

Grade: 10, 11, 12

Course Length: full year

Teacher: F. Kim

Credit: 0.5 per semester

Prerequisite: Geometry

Description: Foundational algebraic concepts learned in Algebra 1 are strengthened, extended, and enhanced in Algebra 2. The coursework will begin building bridges necessary for a new world of mathematical understanding presented in calculus studies. Solving equations of all types numerically, algebraically, and graphically is a point of emphasis. Using functions of many families, many two-variable relationships will be modeled with the aid of technology.

## **MAT1009 Pre-Calculus**

Grade: 10, 11, 12

Course Length: full year

Teacher: F. Kim

Credit: 0.5 per semester

Prerequisite: Algebra 2

Description: After an introduction to number patterns and sequences, the course content delves into advanced mathematical topics with an emphasis on real-world applications. Base functions (linear, quadratic, exponential, logarithmic, trigonometric, etc.) and their respective graphs are used to model relationships between two variables. A thorough study of trigonometry is included. An entire unit of study is devoted to analytic geometry as well as a study of matrices. Technology applications are stressed in each unit of study.

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## **MAT2004 AP® Calculus AB**

Grade: 11, 12

Course Length: full year

Teacher: F. Kim

Credit: 0.5 per semester

Prerequisite: Pre-calculus & teacher approval

Description: Students of AP Calculus AB will study limits, continuity, rates of change, derivatives, mathematical modeling, integration, slope fields, areas, volumes, and the Fundamental Theorem of Calculus. Students will work with these topics graphically, numerically, analytically, and verbally. Students will understand the connections among these representations. Students will be prepared to take the AP Calculus AB test in May.

## **MAT2008 AP® Calculus BC**

Grade: 12

Course Length: full year

Teacher: F. Kim

Credit: 0.5 per semester

Prerequisite: Pre-Calculus & teacher approval

Description: Students will study asymptotic and unbounded behavior, parametric, polar, and vector functions, lengths of curves, L'Hopital's Rule, polynomial approximation and series, Taylor and Maclaurin series. Students will work with these topics graphically, numerically, analytically, and verbally. Students will understand the connections among these representations. Students will be prepared to take the AP Calculus BC test in May.

## **MAT1013 Statistics**

### **Honors Statistics**

Grade: 11, 12

Course Length: full year

Teacher: M. Heyn

Credit: 0.5 per semester

Prerequisite: Algebra 2

Description: This course is an introduction to statistics. Topics include descriptive statistics, methods of sampling, tables, graphs, percentiles, concepts of probability, normal and chi-square distributions, sampling distributions, confidence intervals, hypothesis testing of one and two means, proportions, binomial experiments, sample size calculations, correlation, and regression. Applications in business, social sciences, and other fields are discussed.

## **SCIENCE**

### **Science Department Philosophy:**

At ALA we believe that the study of science is a study of God's created world, both living and nonliving. We believe it is our privilege and responsibility to study this world God has created and entrusted to us. Science classes at ALA involve experiences that develop an understanding of and an appreciation for God's creation and the orderly processes He uses to sustain it.

At ALA it is our goal that students develop a fundamental literacy in science, a mindfulness of current events and scientific advancements, and an awareness of the objective world around them. We believe that students will develop a positive attitude towards science through activities that challenge thought processes, foster curiosity and creativity, and allow for personal and team discovery.

Students participating in science courses at ALA will learn to work together in groups toward a common goal, utilize technologies to gather, organize, and analyze data, use the scientific method to engage in inquiry activity, report findings of data through reports, engage in engineering design processes, and conduct research of science related topics.

## **SCI1001 General Science**

Grade: 9

Course Length: full year

Teacher: J. Petersen

Credit: 0.5 per semester

Description: General Science at ALA is a mandatory course for all freshmen students designed to teach basic skills and information in the fields of chemistry, physics, and engineering. An introduction to the use of mathematics based science skills is followed by numerous laboratory procedures and experiments designed to enhance inquiry, observation, and problem solving skills to be used aggressively in future science courses at ALA. The scientific method and engineering design processes utilized in this course help students develop an organized approach to testing hypotheses and solving real world problems. CAD design, 3-D printing, and basic coding are key components of this course.

## **SCI1005 Biology**

Grade: 10

Course Length: full year

Teacher: A. Wiechmann

Credit: 0.5 per semester

Prerequisite: General Science

Description: Biology at ALA is the study of God's creatures in creation involving a survey of living and once living things and their environments from a Christian perspective. Students will study the topics of creation/evolution, cytology, genetics, ecology, taxonomy, organic chemistry, and basic human anatomy and physiology through laboratory inquiry, observation, and research activities. Students will develop basic literacy of biological concepts, be able to debate and make moral and ethical judgements about current biological issues, and will gain an appreciation of how God sustains his biological creations.

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## **SCI1013 Anatomy & Physiology**

Grade: 11, 12

Course Length: full year

Teacher: A. Wiechmann

Credit: 0.5 per semester

Prerequisite: Biology

Description: Human Anatomy and Physiology at ALA is a comprehensive study of the parts and functions of God's creation of the human body. Students will learn anatomical and medical terminology for literacy in identification of body parts as well as for explanation of various mechanical and chemical processes in the 11 body systems. Students will also learn about sickness and disease of these systems and be able to identify how medicines and health care procedures can treat them and promote health and wellness. Students will gain an appreciation of the intricacy of the human body and will be able to praise God like King David did because they are fearfully and wonderfully made.

## **SCI1009 Chemistry**

Grade: 11, 12

Course Length: full year

Teacher: M. Schneiter

Credit: 0.5 per semester

Prerequisite: Biology, Algebra 2 (or concurrent enrollment in Algebra 2)

Description: Chemistry at ALA is the study of the composition of matter and the changes matter undergoes in our world according to God's design. Students will study the topics of the classification of matter, atomic theory and structure, the Periodic Table, chemical bonds and reactions, stoichiometry, the gas laws, and acids and bases. Students will collect and analyze data through various laboratory procedures while developing skills to compose formal lab reports. Each student will develop an appreciation for God's creation of matter and how he governs its interactions and changes.

## **SCI1008 Physics**

Grade: 11, 12

Course Length: full year

Teacher: M. Schneiter

Credit: 0.5 per semester

Prerequisite: Algebra 2 (or concurrent enrollment in Algebra 2 with teacher approval)

Description: Physics at ALA is the study of how matter and energy interact in God's creation. This mathematics based course investigates physical relationships of linear, two-dimensional, and angular mechanics, energy forms, thermodynamics, waves, and optics. Some attention to electronics, electricity, and circuits will be given as time allows. Students will develop observation and problem-solving skills through the collection, interpretation, and analysis of data collected during numerous laboratory investigations. Students

will develop an appreciation for the laws God has established to govern his creation on a grand scale.

## **SCI2006 AP® Chemistry**

Grade: 11, 12

Course Length: full year

Teacher: M. Schneiter

Credit: 0.5 per semester

Prerequisite: Algebra 2 (or concurrent enrollment in Algebra 2 with teacher approval) and B or better in Biology

Description: AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

## **SOCIAL STUDIES**

### **Social Studies Department Philosophy:**

In a world of constant change, at ALA we believe the Social Studies department seeks to present God's unchanging plan through history, that is, to direct the course of history for the eternal good of his people. The department further seeks to prepare students to understand and respect the diversity of world cultures while maintaining appreciation for our own nation and learning to be faithful Christian citizens in whatever their setting here on earth. Additionally, the department desires to increase national economic awareness and personal financial stewardship. We seek to accomplish this by developing the following skills: critical thinking and primary source analysis, writing, argumentation, and research.

## **SCO1008 History/Geography**

Grade: 9

Course Length: full year

Teacher: J. Ohm

Credit: 0.5 per semester

Description: World Geography will examine the physical features of the earth and their effects on politics, economics, religions, and cultures of nations. In addition, the students will review basic social studies skills pertaining to geography. This course places an emphasis on the student's development of an understanding of international affairs and, as a member of the world community, the importance of individual responsibility.

## **SOC1010 World History**

Grade: 10, 11, 12

Course Length: full year

Teacher: J. St Germaine

Credit: 0.5 per semester

Description: This is a survey course from Creation to present day. It is a study of the world's history focusing on patterns of production and distribution, networks, and community as each

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category has ebbed and flowed through history. Students will examine the political, social, economic, and environmental events that shaped ancient and modern history. This course will also serve as an introductory course for AP European history by emphasizing the development of history skills such as contextualization, sourcing, claim testing, and assessing continuity and change over time.

## **SOC1003 American History**

Grade: 11

Course Length: full year

Teacher: J. St Germaine

Credit: 0.5 per semester

Description: United States History is a survey course on the history of our country from colonial times to the present. This course will use a variety of methods to examine cause and effect relationships of events while taking a broad overview of the history of the United States. Students can expect an emphasis on primary source analysis and seeing history through the lenses of those who experienced it.

## **SOC2008 AP® U.S. History**

Grade: 11, 12

Course Length: full year

Teacher: J. Ohm

Credit: 5 per semester

Prerequisite: Geography and/or World History & teacher approval

Description: AP U.S. History covers the spectrum of American history from pre-Columbian days to the present. Using chronological and thematic approaches to the material, the course exposes students to extensive primary and secondary sources and to the interpretations of various historians. Class participation through seminar reports, discussions, debates, and role-playing activities is required; special emphasis is placed on critical reading and essay writing to help students prepare for the AP examination. The course is structured chronologically, divided into 21 units. Each unit includes one or more of the nine periods and/or key concepts outlined in the AP U.S. History curriculum framework. This course may be taken as a replacement for the U.S. History course in order to meet Arizona and ALA graduation requirements. It may also be taken as an elective in addition to U.S History for those who desire to dig deeper into historical study.

## **SOC1004 American Government**

### **Honors American Government**

Grade: 12

Course Length: 1 semester

Teacher: K. Rosenbaum

Credit: 0.5 per semester

Prerequisite: U.S. History

Description: This senior level course offers students an introduction to political science, sociology, and current

events. The class will conduct an in-depth study of the U.S. Constitution and the workings of our government and will stress the Christian view of the role of citizens within our country. Select topics will be covered appropriately.

## **SOC1005 Economics**

### **Honors Economics**

Grade: 12

Course Length: 1 semester

Teacher: K. Rosenbaum

Credit: 0.5 per semester

Description: Economics is a one-semester survey course. The goal of this course is to enable students to make reasoned judgments about both personal economic questions and broader questions of economic policy. Students will develop an economic way of thinking and problem solving to understand and apply basic economic principles to decisions they will make as consumers, members of the workforce, citizens, voters and participants in the global marketplace, as well as an application to the Christian's life of stewardship.

## **SOC2012 AP® European History**

Grade: 11, 12

Course Length: full year

Teacher: J. St Germaine

Credit: 0.5 per semester

Prerequisite: Geography and/or World History & teacher approval

Description: This course will provide the student with an opportunity to acquire a general knowledge of European history (1450-present) as it is taught at the introductory level in most colleges and universities. Students will closely analyze political, social, cultural, intellectual, and economic events that set the stage for 19<sup>th</sup> century European imperialism and the world wars of the 20<sup>th</sup> century. Each student is required to take the AP exam and may receive credit or advanced standing at the college or university of his choice, depending on the AP exam score.

## **SOC1013 Foundations of America**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: j. St Germaine

Credit: 0.5 per semester

Description: ESL US History is a one-year course designed to introduce the international student to the history of the United States from colonial America to the present day. Course materials are written at a level appropriate for ESL learners who have little prior knowledge of the history of the United States. This course meets the US History requirement for graduation.

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## RELIGION

### **Religion Department Philosophy:**

At ALA we believe the religion department exists to reinforce the foundation of the great commission: by teaching sin and grace through the use of law and gospel. The goal is for students to be lifelong learners of God's Word, confident witnesses of that Word, and humble servant leaders who reflect their faith in their daily lives. In a world that is constantly changing, we equip students to stand up for the truth of what God says by relying on the unchanging promises of God.

Over the course of four years, students will study God's plan of salvation and major Biblical doctrines, as found in both the Old and New Testaments. Class time is spent reading, discussing and applying Biblical principles and truths as found in God's Word. Classes are designed to help students grow in their personal relationship with their Savior.

### **REL1045 Foundations of Faith**

Grade: 9

Course Length: full year

Teacher: B. Bode

Credit: 0.5 per semester

Description: This course covers the Old Testament from Creation through Joshua and the Conquest of Canaan relating Biblical truths to basic questions of life, as well as discussing the following topical studies: Introduction to the Bible, Christian Culture, Christian Leadership, Witnessing 101, and Hot Topics for Teens. Emphasis is placed on not just reading the Bible but also applying God's truth in our everyday lives.

### **REL1047 The Rise & Fall of Israel**

Grade: 10

Course Length: 1 semester

Teacher: B. Priebe

Credit: 0.5 per semester

Description: This course will cover Israel's conquest of the Promised Land under the leadership of Joshua through the Divided Kingdom. We will cover the time of the Judges, the reigns of King Saul, David, and Solomon as well as the downfall of both Israel and Judah. The remainder of the class will cover topical units that pertain to the daily lives of Christian teens.

### **REL1049 Life of Christ & Christian Living**

Grade: 10

Course Length: 1 semester

Teacher: B. Priebe

Credit: 0.5 per semester

Description: This course will cover the four Gospels and elements of Christian living. Course materials will focus primarily on the public ministry of Jesus and how he fulfilled the Father's plan of salvation. The remainder of the class will cover topical units that pertain to the daily lives of Christian teens.

### **REL1046 World Religions**

Grade: 11

Course Length: 1 semester

Teacher: L. Stahmann

Credit: 0.5 per semester

Description: This one semester course provides a basic overview of the world's major non-Christian religions. Application of Bible passages to errors found in each religion is expected, and students will be guided to find a means of witnessing to people who have been misled by the erroneous teaching of these religions. Throughout the semester, students will learn about the authenticity of the Bible, as well as proving and defending Christian doctrine with historical, logical and Biblical evidence (apologetics). Additional topical studies relevant to today's teens are also covered during the semester.

### **REL1048 Spread of the Early Christian Church**

Grade: 11

Course Length: 1 semester

Teachers: L. Stahmann

Credit: 0.5 per semester

Description: This is a one semester course which covers the book of Acts in detail, focusing on the work of the Holy Spirit through the efforts of the apostles and others, and tracking the spread and growth of the early Christian church. A brief overview of the Apostle Paul's letters is included in this course. Additional topical studies relevant to today's teens are also covered during the semester.

### **REL1014 Christian Doctrine**

Grade: 12

Course Length: full year

Teacher: B. Bode

Credit: 0.5 per semester

Description: This course provides a summary and in-depth discussion of our Christian doctrine. We will cover the New Testament's general epistles, the book of Revelation and the following topical courses: Christian Life Planning, Marriage and Sexuality, Apologetics, Christian Stewardship/FPU (Financial Peace University - a practical guide in wisely using the blessings God has given us), Comparison of Christian Churches, Differences among Lutherans, and Christian Leadership. Emphasis is placed on applying God's truth in our everyday lives and defending the truth of Scripture as we witness in college and beyond.

### **REL1029 Introduction to Christianity**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: J. Ohm

Credit: 0.5 per semester

Description: Students will be introduced to the Bible and Christianity through the use of the Basic Bible Christianity – a

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study in the truths of Christian Faith. Students will learn about God's plan of salvation for all people through the teaching of basic Law and Gospel. Bible stories will be used throughout the course to introduce students to the Bible and its teachings.

## **FOREIGN LANGUAGE**

### **Foreign Language Department Philosophy:**

At ALA we believe the Spanish department provides students with a scaffolded program wherein they improve their abilities to communicate in the target language. We foster students' progress in four skill areas—reading, writing, speaking, listening—and developing cultural awareness. The five “C” goal areas (Communication, Cultures, Connections, Comparisons, and Communities) stress the application of learning a language beyond the instructional setting. The goal is to prepare learners to apply the skills and understandings measured by the Standards, to bring a global competence to their future careers and experiences.

Spanish 1 introduces students to the Spanish language through songs, storytelling and daily practice in the language through the use of online, language-learning software. Spanish 2 provides students with the opportunity to read, listen and identify key concepts as we study well-known fairy tales and Bible stories that correspond to the church year. Spanish 3 takes a deeper look into Spanish literature and filmography. Students are required to speak only in the target language and are expected to write essays on a weekly basis. AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

### **FOR1001 Spanish 1**

Grade: 9, 10, 11

Course Length: full year

Teacher: M. Aleisa

Credit: 0.5 per semester

Description: Spanish 1 is an introduction to the Spanish language. A variety of everyday vocabulary and basic Spanish grammar will be taught through the use of storytelling. The students will begin to speak, read, write, and listen to the Spanish language from the first day of class.

### **FOR1002 Spanish 2**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: M. Aleisa

Credit: 0.5 per semester

Prerequisite: Spanish 1 earning “C” or better

Description: Spanish 2 builds from the foundation created in Spanish 1. The students will learn more advanced grammar and a wider range of vocabulary through the use of storytelling. We will begin to use Bible stories and fairy tales as comprehensible input. The students will begin to speak, read, write, and listen to the Spanish language from the first day of class.

### **FOR1003 Spanish 3**

Grade: 10, 11, 12

Course Length: full year

Teacher: J. Johnson

Credit: 0.5 per semester

Prerequisite: Spanish 2 earning “C” or better

Description: Spanish 3 is a literature- and film-based course. Students will write in full paragraphs and defend their opinions on a wide variety of relatable topics as we explore Spanish countries, authors, and producers. Students are expected to speak Spanish in the classroom.

### **FOR2004 AP® Spanish Language and Culture**

### **FOR2006 AP® Spanish Literature and Culture**

Grade: 11, 12

Course Length: full year

Teacher: M. Aleisa

Credit: 0.5 per semester

Prerequisite: Spanish 3 earning “B” or better & teacher approval

Description: AP Spanish is a course that will cover both “Literature and Culture” and “Language and Culture” in a two-year block. The Language and Culture course (Year 1) emphasizes communication—understanding and being understood by others—by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This course requires a considerable amount of time spent in the Spanish language and daily practice of its use. The Literature and Culture course (Year 2) emphasizes comprehension—understanding written and spoken word—by studying authors from Spain, Latin America, and the United States. This course requires a considerable amount of time spent reading and writing in the target language.

## **FINE ARTS**

### **Fine Arts Department Philosophy:**

The overarching philosophy of the Art and Music Departments is to enable and encourage students to use the great gifts God has given them, communicate thoughts, express emotions, and engage in an outlet for creativity.

Music: At ALA we strive to develop each student to the extent of his or her God-given music potential. Music plays an important role in society. It is our desire to provide comprehensive music education in theory, history, and performance. Through individual, as well as group rehearsal and performance, students will develop an understanding and

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appreciation of various music styles and cultures. This program also aims to promote continued involvement with music to create lifelong musicians who are well-equipped to participate musically in worship.

**Art:** At ALA we believe art is an essential part of the education process. It stimulates thought and acts as a medium for developing creativity, critical thinking, and problem-solving skills. The philosophy of the art program at ALA is to provide a Christ-centered atmosphere that embraces the individuality of each student and develops them to the extent of his or her God-given potential. It is our desire to provide a comprehensive art education that builds aesthetic awareness and encourages an appreciation of various artists, mediums, and cultures. This program also aims to prepare students to be supporters of the arts as they become contributing members of the community.

## **MUS3044 Music Fundamentals**

### **Honors Music Fundamentals**

Grade: 9

Course Length: full year

Teacher: J. Severeid

Credit: 0.3 per semester

Description: This is an introductory music class that will introduce and reinforce basic music literacy and composition skills, expose students to a variety of music from other cultures and time periods, and allow students to learn music through performance. At the course's conclusion, the student will be able to read and understand the musical notation on a hymnal page, describe and analyze unfamiliar music, and confidently perform music by singing and playing ukulele.

## **MUS1005 Band**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: J. Severeid

Credit: 0.5 per semester

Prerequisite: Previous instrumental experience or consent of instructor.

Description: This is a concert band and pep band ensemble performance class. Students should be proficient in a concert band instrument. String players are welcome with approval from the director. Piano players are also welcome with prior approval and a willingness to learn mallet percussion instruments. Throughout this course, students will learn collaborative performance skills, improve as a musician, define and use music terminology effectively, and perform music from a variety of styles, genres, and time periods.

## **MUS3045\_ALA A Cappella Choir**

Grade: 10, 11, 12

Course Length: full year

Teacher: J. Severeid

Credit: 0.3 per semester

Prerequisite: Selected by audition. Concurrent enrollment in Concert Choir or consent of instructor.

Description: The A Cappella Choir is an auditioned group that is selected from Concert Choir. A Cappella performs at all concerts, chapel services, community events, leads worship at ALA Sundays, and is ALA's representative at the WELS Choral Festivals. A Cappella requires outside-of-the-school-day rehearsal and performances

## **MUS3046\_ALA Concert Choir**

Grade: 10, 11, 12

Course Length: full year

Teacher: J. Severeid

Credit: 0.2 per semester

Description: Concert Choir serves to develop the student's musical abilities by focusing on their collaborative and individual skills. This will be accomplished by preparing a variety of music throughout the year, learning music terminology, and sight reading. Throughout the year the students will study and perform many different styles of music from chant to contemporary. Concert Choir performs at four major concerts each year and also provides music for chapel services on occasion.

## **FIN1008 Ceramics\*\*\***

Grade: 10, 11, 12

Course Length: full year

Teacher: S. List

Credit: 0.5 per semester

Description: In this ceramics class the students will be introduced to the three hand-building techniques of pinch, coil, and slab as well as throwing on the potter's wheel. Students will use these methods to create a variety of functional and decorative ware. The students will also learn about different glazes, and glazing techniques as well as aspects of firing in the kiln. Other areas to be covered are the basic tools and vocabulary associated with working with clay. A willingness to get involved in the creative process is the only requirement.

## **FIN1036 World Art\*\*\***

(Not offered 2022-2023)

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: S. List

Credit: 0.5 per semester

Description: World Art is a studio-based course that explores the history of visual art from different cultures around the world. Through the use of various mediums, students will become familiar with a selection of significant art periods, gain exposure to contemporary and historical artists, their artworks, and real-world topics relating to art. Projects that reflect the styles of artists will be assigned. A willingness to get involved in the creative process is a more important requirement than a student's talent or previous experience.

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## **FIN1035 Art Across America\*\*\***

(Not offered 2022-23)

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: S. List

Credit: 0.5 per semester

Description: Art Across America is a studio-based course where students will examine the unique qualities of American art and learn to appreciate various artists, mediums, and cultures.

Projects that reflect the styles of American artists both past and present will be assigned. A willingness to get involved in the creative process is more important than a student's talent or previous experience.

## **FIN1034 Studio Art\*\*\***

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: S. List

Credit: 0.5 per semester

Description: Studio Art is designed to be an exploration of art and sculpture and an opportunity for students to create three-dimensional art. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes, and materials such as drawing, painting, model paste art, acrylic pouring, two & three-dimensional design, and stained glass work. Students will also explore the Element of Form using a variety of materials such as clay, junk, and metal. Student artwork will reflect aesthetics as well as cultural and historical contexts. A willingness to get involved in the creative process is more important than a student's talent or previous experience.

## **CTE - TECHNOLOGY**

### **Career & Technology Education Philosophy:**

At ALA we believe the Technology department offers a variety of courses that challenge students to think creatively and collaboratively. Students who complete technology courses will build skills that allow them to be leaders in service to others. The engineering courses will offer many opportunities for students to use creativity and problem solving skills that will be useful in college and beyond. The students use these skills to serve the school in the production of materials and events that are used to connect the community with our school. The skills that are used in technology courses can also be translated into opportunities to begin serving in churches with video, sound, photography, or outreach needs.

The students in technology courses create videos and the yearbook. They also program and build robots. The final opportunity in this department is STEM focused on the area of engineering. The STEM courses offered follow the Project Lead the Way Engineering curriculum. This means that students will learn about engineering design principles that encourage an iterative process for problem solving.

## **812 CTE Robotics\*\*\***

Grade: 10, 11, 12

Course Length: full year

Teacher: M. Groth

Credit: 0.5 per semester

Description: *TETRIX PRIZM* platform is used as a tool in the classroom for teaching technology, engineering, science, math, critical thinking and creative problem solving. It features a number of activities designed to develop students' computational thinking and engineering design skills through the presentation of open-ended problems. With these problems, every team of students will learn not only from their mistakes and successes but also from the mistakes and successes of their fellow classmates. In each unit the students will complete a project resulting in a functioning TETRIX PRIZM robot.

## **COM1028 CTE Introduction to Digital Media & Design**

Grade: 10, 11, 12

Course Length: full year

Teacher: J. Petersen

Credit: 0.5 per semester

Description: In Digital Media & Design, students will create the school yearbook using Jostens software online. The school yearbook is created in an online environment giving the students the ability to work on the yearbook from home or anywhere they have an internet connection. The students will also do all of the digital photography and upload the photos to the Jostens site. The students will also learn digital photography and editing of photos. The students will develop a portfolio of various photo types. Students will also produce thirty-second to five-minute videos throughout the course of the year. Each project will follow the basic production elements (pre-production, shooting, editing, and post-production) while utilizing the basic cinematography vocabulary. Additionally, students will learn how to correctly operate camera equipment and entry-level computer software. Though students will have some individualized assignments, cooperative group-work will be the main pattern during class. All students will be expected to work in small groups to successfully complete this class.

## **VOC1042 CTE PLTW IED (Project Lead The Way: Introduction to Engineering)\*\*\***

Grade: 10, 11, 12

Course Length: full year

Teacher: J. Petersen

Credit: 0.5 per semester

Description: Introduction to Engineering Design (IED) uses the Project Lead the Way (PLTW) curriculum and allows students insight to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Through both individual and collaborative team activities, projects and problems, students will solve problems as they practice common engineering design and development

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protocols such as project management and peer review. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards and they will use current 3D design and modeling software to represent and communicate solutions. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented.

## **VOC 1052 CTE PLTW POE (Project Lead The Way: Principles of Engineering)\*\*\***

Grade: 10, 11, 12

Course Length: full year

Teacher: M. Groth

Credit: 0.5 per semester

Description: Principles of Engineering (POE) uses the Project Lead the Way (PLTW) curriculum to explore engineering topics including mechanisms, strength of materials and structures, automation, and kinematics. Students will engage in activity-project- and problem-based learning. These activities are taught in a collaborative learning environment. Students will also document and communicate their solutions with their class and the community. Students will develop strategies that enable and direct their own learning. This course develops knowledge in math, science, and technology.

## **VOC CTE PLTW AE (Project Lead The Way: Aerospace Engineering)\*\*\***

Grade: 10, 11, 12

Course Length: full year

Teacher: M. Groth

Credit: 0.5 per semester

Description: Aerospace Engineering (AE) uses the Project Lead the Way (PLTW) curriculum to propel students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

## **PHYSICAL EDUCATION**

### **Physical Education Department Philosophy:**

At ALA we believe God's Word teaches us that our bodies are temples of the Holy Spirit and a blessing from God. As a result, students will strive to honor God with how they take care of their bodies. The Physical Education department provides opportunities for this through weight training and physical education class. It is in these classes that students will improve physical skills, develop healthy fitness habits, and learn about different sports and athletic training.

## **PHY1001 Physical Education**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: M. Schneiter

Credit: 0.5 per semester

Description: Physical Education strives to give students knowledge and skills needed to improve and maintain healthy bodies now and in the future. Students are given the opportunity for physical activity and exercise while developing positive habits for a healthy lifestyle.

## **PHY1021 Weight Lifting**

Grade: 9, 10, 11, 12

Course Length: full year

Teacher: D. Peter

Credit: 0.5 per semester

Description: Weight training class is designed for novice and experienced weight lifters alike. Knowledge and understanding of the basic principles of physical fitness allows students to care for their bodies now and in their future. Free weights, plyometrics, and conditioning will be integrated to train the entire body and increase strength and speed.

## **REL1049\_ALA Christian Health & Wellness**

Grade: 9

Course Length: full year

Teacher: A. Wiechmann

Credit: 0.2 per semester

Description: Christian Health and Wellness is a mandatory course for all freshmen students focused on developing and maintaining overall health during the high school years and beyond. The beginning of this course acts as orientation to high school and high school procedures at ALA. Building spiritual, mental, emotional, and physical habits, wellness, and resiliency is the focus for the rest of the school year. Dealing appropriately with stress, proper Christian use of technology and social media, and developing a Christian identity as a young adult are just some of the topics that will be addressed.

## **ELECTIVES**

### **MAT1022 Personal Finance**

Grade: 11, 12

Course Length: full year

Teacher: J. Severeid

Credit: 0.5 per semester

Description: Personal finance is a course that will guide students through the concepts of banking, credit, mortgages, investments, insurance etc. It is a course intended for students who have completed their personal highest possible level of mathematics offered at ALA and still desire or need more math instruction. Enrollment in the course is by teacher or administration recommendation.

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## **VOC3026\_ALA Student Service**

Grade: 12 (11 could be possible)

Course Length: 1 semester or full year

Teacher: Varies (approval required)

Credit: 0.25 per semester

Description: Service work on campus for credit may include assisting a teacher or working in the school office. This may not be used to fulfill required service hours, since school credit is given.

### **Notes:**

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\*\*\* There may be an extra fee for these courses.