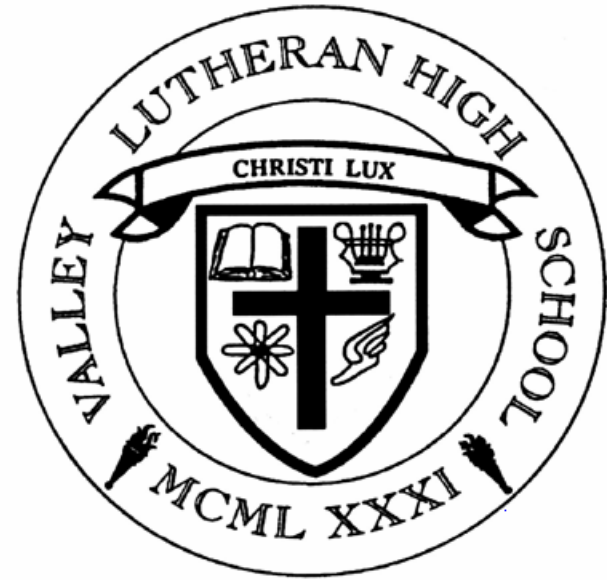


Course Catalog



Valley Lutheran High School
2007-2008

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This catalog is designed as a guide to typical projected course offerings at Valley Lutheran High School. Please note that course offerings and descriptions are subject to change without notice. Some courses may not be offered every year.

September 14, 2007 Edition

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Theology

The Theology department at Valley Lutheran High School seeks to put God and His Word at the center of its curriculum. Ethics, current issues, and apologetics will be addressed under the umbrella of grace and in the context of Scripture. We rely solely on the providence of God the Father, the redemption of His Son, Jesus Christ, and the revelation and guidance of the Holy Spirit.

Freshman Theology: Old Testament I 9 103/104

Freshmen will take an in-depth look at the Old Testament books of Genesis – 1&2 Chronicles. They will also study the following current issues, apologetics, and ethics: Lutheran heritage, similarities and differences between Christian denominations, creation and evolution theories, peer pressure, sex and dating, self-perception, substance abuse, and how to read and study the Bible.

Sophomore Theology: Old Testament II 10 113/114

Sophomores will take an in-depth look at the Old Testament books of Ezra-Malachi. They will also study the following issues and comparative religions: spiritual gifts, the Reformation, Islam, Judaism, Hinduism, Buddhism & other Eastern religions, the Occult, Mormonism, and Jehovah's Witness.

Junior Theology: New Testament I 11 121/122

Juniors will take an in-depth look at the Gospels and the book of Acts. They will also study the following current issues, apologetics, and ethics: Messianic prophesies, the efficacy of Scripture, the life of Christ, suffering, the resurrection, evangelism, prayer, and the characteristics and history of the early church.

Senior Theology: New Testament II 12 131/132

Seniors will take an in-depth look at the New Testament books of Romans – Revelation. They will also study the following current issues, apologetics, and ethics: marriage and family, a Biblical approach to the roles of men and women, abortion, euthanasia, homosexuality, media influence, life in the Spirit vs. life in the flesh, and the fruits of the Spirit. Seniors will also engage in a servant leadership project.

English

English I 9 203/204

The focus of this course is on literature, both traditional and contemporary. In addition to analyzing various genre, critical thinking and reading skills will be developed. Writing skills will be enhanced while increasing knowledge of language and its correct usage. Freshmen will be focusing on the basic skills of research writing and literature analysis.

English I Honors 9 206/207

The focus of this course is on literature, both traditional and contemporary. The student will analyze various genre using higher critical thinking and reading skills at a faster pace. The student will use well developed writing skills while increasing knowledge of language and its usage. Freshmen focus on research writing and in depth literature analysis. **Prerequisite:** Teacher recommendation required.

English II 10 213/214

Multicultural literature is the focus of this course. Fiction, non-fiction, novels, short stories, poetry, dramatic works, and essays will be explored. A continued emphasis on in-depth research writing, vocabulary building and composition skills is stressed throughout the course. **Prerequisite:** English I

English II Honors 10 216/217

This course is designed for high-achieving students. The curriculum will consist of a variety of samples from multicultural literature. The pace of the class will be challenging and rewarding. Advanced English students will receive a more in-depth, enhanced presentation of the material compared to the regular English II curriculum. **Prerequisites:** English I, Teacher recommendation required.

English III 11 221/222

HONORS: 228/229

The development of writing by American authors is studied relative to simultaneous periods of growth and change in the history of our nation. Students read typical works of poetry, drama, fiction, and nonfiction from each major era. Vocabulary building is based on Latin roots. Composition skills are emphasized through numerous and varied writing activities. All junior level classes include verbal skill test preparation. Juniors will be involved in writing meaningful research papers based on important social issues of the 21st century. **Prerequisites:** English I and II. **Honors Prerequisite:** Teacher recommendation.

English IV 12 231/232

Honors: 236/237

This course is designed for college-bound students, and explores a wide variety of literature from all over the world with an emphasis on British Literature. Seniors will engage in meaningful discussions, activities, and research-based writing that creates cultural awareness and understanding. Composition of a major research project based on career goals and possibilities will be an integral part of this course, as will continued refinement of grammar, writing, and Greek vocabulary building skills. The honors section is a faster-paced, more in-depth version of this class, and includes additional writing and analysis. **Prerequisites:** English I, II, III. **Honors Prerequisite:** Teacher approval

Electives:

Creative Writing 10, 11, 12 270

This class will expose students to a wide variety of writing experiences. These will include short stories, poetry, and writing for various audiences. Students will learn how to submit writing samples for publication and will produce a collection of writing from the class at the end of the semester.

Communications 10, 11, 12 290

This class will expose students to a wide variety of communications skills. These will include formal and informal speeches, improvisation, skits, and exposure to television broadcasting. Students will have the opportunity to be engrossed in a performance-based class that is challenging and hands-on. **Prerequisite:** English I

Social Studies

Typical sequence of social studies courses

(Please note that course offerings and this typical sequence are subject to change without notice)

Grade	Class of 2008	Class of 2009	Class of 2010	Class of 2011
9	Contemporary Issues	Contemporary Issues	Contemporary Issues	Contemporary Issues
10	World History/ Geography	World History/ Geography	World History/ Geography	World History/ Geography
11	Government/ Economics	US History	Government/ Economics	US History
12	US History	Government/ Economics	US History	Government/ Economics

Contemporary Issues 9 370

The understanding of current events of our present society will make it much easier for our students to perceive the trends that will influence their lives tomorrow. This course thoroughly covers the issues and trends (economic, racial, religious, governmental, etc.) displayed in the media and other sources of information. Students actively participate in discussions, projects, cooperative teams, and problem-solving activities as they relate to current course content.

World History/Geography 10 303/304

The political, social, cultural, and religious history of eastern and western civilization are studied in this year-long course. From creation to the twentieth century, the history of the planet Earth is studied to gain meaning for lives today. This course also concentrates on the topographical, cultural, and economic characteristics of the various regions of the world. Geographic skills are emphasized throughout the course.

U.S. History 11, 12

313/314

Honors: 316/317

This course covers the history of America dating back to the early explorers and takes us to the current headlines making news today. America's story will be viewed with a special focus on political, economic and diplomatic history. The honors section of this class is designed to prepare students to take the Advanced Placement exam, and honors students are expected to take the AP test. **Honors Prerequisite:** Instructor approval required.

Government 11, 12

330

In this course, the student will study our national, state, and local governments. Basic principles underlying a democracy are examined with their application to the contemporary political life as seen by a Christian. The course also deals with the unique problems faced in democratic America. Current news events will be studied to see application of basic governmental principles. This course deals with the basic ideal of political behavior and the operation of American government. It includes such topics as political influence, citizen participation, political parties, the role of the President, and the decision-making process. An in-depth unit focuses on Arizona's history and constitution.

Economics 11, 12

350

This course covers the basic concepts of economics: scarcity, the market system, business and its organization, production, supply and demand, money, banking, the business cycle, government involvement, competition, and trade. Varying viewpoints on current problems are presented, and opportunity is provided to practice economic skills.

Electives:

Psychology 11, 12

360

This is an overview class in which the basic foundations of psychology are introduced. Insight into behavior, the workings of the human mind, and ensuing relationships and actions are explored and stressed.

Introduction to Business 10, 11, 12 380

This course is a beginner's business class and will touch on many topics in today's business world. The students will have a chance to learn about topics such as business ethics, the corporate world, sole proprietorships, personal selling, and accounting. Students will have the chance to discover the effect business has on our way of life.

Math

Note regarding honors math classes:

All honors level classes are for high-achieving math students. They will move at a faster pace, will be challenged with more rigorous problems, and cover extra topics.

Pre-Algebra 9, 10, 11 403/404

Pre-Algebra is an introductory math course designed to prepare students to continue with Algebra and future years of mathematics studies. We will begin with an introduction to Algebra, but will also include rational numbers, ratios, graphing, and equations.

Algebra I 9, 10, 11, 12 413/414

Algebra helps us solve problems efficiently. The value of Algebra as a real-life problem-solving tool will be introduced. Solving algebraic equations and graphing these solutions will be emphasized throughout the study of the algebraic process.

Geometry 9, 10, 11, 12 423/424

HONORS: 426/427

Geometry is an overview of two and three-dimensional geometry. Use of geometric rules and formulas will be emphasized. This course will include topics such as Parallel lines, Polygons, Similarity, Pythagorean Theorem, Circles, Area, Volume, and Proof. **Prerequisite:** Algebra I

Algebra II 10, 11, 12 433/434

HONORS: 436/437

Algebra II is an extension of Algebra I. This course moves forward by integrating into basic Algebra such topics as geometry, statistics, trigonometry, probability, matrix theory, relations and functions. Students will be asked to think critically at all times. **Prerequisite:** Geometry

Pre-Calculus 11, 12 **HONORS:** 456/457

This course is a continuation of Algebra II, covering complex numbers, relations and functions, systems of equations, exponential and logarithmic functions, and trigonometry. Pre-Calculus is designed to prepare the student for Calculus. **Prerequisites:** Algebra II and teacher recommendation

Calculus AB (AP) 11, 12 **HONORS:** 466/467

Calculus AB is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. This course will prepare the student to take the Advanced Placement exam. A passing score on the Advanced Placement exam can result in college credit being earned for this course. **Prerequisites:** Pre-Calculus and teacher recommendation

Survey of Math 12 **493/494**

Survey of Math is designed to help students review three years of math and prepare for the college entrance ACT and SAT exams. We will review and practice material from Pre-Algebra, Algebra I, Geometry, and Algebra II. We will also spend time learning about math with real life applications, such as consumer math, career math, recreational math, and probability.

Foreign Language

Spanish I 9, 10, 11, 12 503/504

This course gives the students the ability to use basic Spanish, which includes grammar, vocabulary (nouns, family, transportation, places, colors, etc), Personal pronouns, basic conversation, context of ideas, functional Spanish reading, and understanding and talking about the news.

Spanish II 10, 11, 12 513/514

This course continues to build on the abilities learned in Spanish I, and includes the use of infinitives, the present continuous, future and imperative form of regular and irregular verbs, vocabulary (parts inside and outside the house, restaurant, etc), numbers, how much?, the clock and telling time, feelings, weather, and cognates. **Prerequisite:** Spanish I

Spanish III 11, 12 523/524

This course continues to build on skills learned in Spanish I and II, including time expressions, past tense, passive voice, lots of verbs, conversation drills, adverbs, expressions of frequencies, reflexive verbs. **Prerequisite:** Spanish II

Spanish IV 12 533/534

This course continues to build on skills learned in previous courses, and includes opposites, celebrations, diminutives, civil status, auxiliary verbs, lots of cognates, summary of all tenses and vocabulary, structured and open conversation. **Prerequisite:** Spanish III.

Physical Education

PE 9 550

Students will participate in a variety of individual and team sports, learning the basic rules and skills of each sport. These sports include but are not limited to soccer, football, badminton, basketball, volleyball, track and endurance fitness. This course is designed to begin a student's lifelong appreciation of physical education.

Advanced PE 10, 11, 12 555

Students learn advanced concepts and strategies for a variety of sports. They will use teamwork and strategic planning to help accomplish specific objectives included in each of these sports. Each student is expected to participate at a higher expertise in those areas. This class will help students to develop their core body strength, balance, and coordination.

Health 9 560

Emphasis is on establishment of a lifelong wellness lifestyle that is based on a Christ-centered balance of intellectual, physical, emotional, and social needs. Students will learn nutritional issues and become familiar with basic First Aid. Course will include activities that promote a healthy lifestyle.

Weight Lifting 9, 10, 11, 12 575 or 576

This course begins as an introduction to weight training and moves to an intermediate level as the semester progresses. Students learn the basic core lifts and write their own specific workouts to strengthen their bodies in the individual's desired area. This course is highly recommended for all student athletes.

Computers

Introduction to Computers 10, 11, 12 610

Introduction to Computers is designed to give students a working knowledge of Microsoft Office (Excel, Word, Access, and other components of the Office Suite as time permits) and using the Internet. The class is focused on giving students the computer tools they will use in other classes and as they prepare to go to college.

Microsoft PowerPoint 10, 11, 12 621 (1 quarter – 0.25 credits)

Students will learn to design and use PowerPoint presentations. They will begin with the fundamentals of creating and using visual aids in presentations. They will learn to create well-designed and organized slides in Microsoft PowerPoint. There will be 3 presentation projects. Students will be responsible for developing the content, creating PowerPoint slides and giving the presentations in class. **Prerequisite:** Introduction to Computers

Introduction to Web Page Design 10, 11, 12 622 (1 quarter – 0.25 credits)

Fundamentals of web page design will be taught. Students will explore writing web pages in HTML. They will learn to create web pages that include text, graphics, tables, links to sections, pages and other websites. Students will create their own website. **Prerequisite:** Introduction to Computers

Desktop Publishing 9, 10, 11, 12 633/634

In Desktop Publishing, we will gain desktop publishing experience as we produce Valley Lutheran High School's yearbook, the Blazing Flame. We will use the Adobe InDesign desktop publishing software extensively throughout the year. We will also learn other critical skills necessary for the production of a yearbook, including photography, copywriting, copy-editing, and page layout and design. **Prerequisite:** application and instructor approval required

Music and Performing Arts

The Many Sounds of Music 9 709

This class is an overview of the elements that make up music, various styles of music, a study of music from different eras, composers and their compositions. Includes learning and performing instrumental and vocal selections.

Chorale 9, 10, 11, 12 713/714

Chorale is a group that each year performs 3-4 concerts, choral offerings for Sunday services at area congregations, and for other special occasions which may include a choir tour and/or performing a musical.

Notables 10, 11, 12 728/729

Notables is an elite, auditioned group of students, which prepares a wide repertoire of music for 3-4 concerts and several worship services throughout the year, as well as for special occasions which may include a choir tour, musical and choral competitions. **Prerequisite:** Audition and instructor approval required.

Handbells 9, 10, 11, 12 744

This class is for the beginning handbell ringer as well as for those with previous experience. Activities may include concerts, playing in various churches and chapel services, and participating in handbell choir competition.

Instrumental Music 9, 10, 11, 12

753/754

Last year this was a small wind and percussion ensemble, this year it could be a large orchestra! This class can be whatever YOU VLHS students make of it, depending on who registers. This much is for sure: we will do some popular, jazz, and classical music in a variety of styles and moods. We are especially working to buy more percussion instruments so that we can expand our horizons to include a larger trap set in our popular music and more percussionists for our classical music. We also need string players, bass players, wind players, etc. so please sign up (guitar players, please see instructor before registering). We will give some concerts, play for chapel, and possibly play for a Sunday worship service, too.

Science

Biology 9, 10, 11, 12 803/804

Biology is the study of living things. This course introduces students to the created living world and is designed to build a basic understanding of microbiology, genetics, zoology, and botany. Students in Biology are encouraged to appreciate life as a marvelous work of a wise Creator. Students will develop an understanding of science as a tool for comprehending the Natural World. Laboratory exercises in Biology focus on having students learn how to observe organisms, classify them, gather and quantify data, and learn the anatomy of a variety of animals.

Human Anatomy & Physiology 10, 11, 12 811/812

Replaces **Advanced Biology**

All high school students have at least one thing in common: each has a body. How does it work? How is it organized? What happens when things go wrong with it? Human Anatomy & Physiology is a course which explores in some detail the glorious gift given to each of us – a human body – in terms of its anatomy and function. In addition to human biology, students will learn about other fundamental concepts in biology: cell biology, basic biochemistry, molecular biology, and genetics.

Prerequisite: Biology, Algebra I and/or teacher approval

Environmental Science 10, 11, 12 843/844

What are the conditions necessary for a living planet? What principles guide how non-living and living things operate on Earth? In what ways do people depend on our planet's processes and resources? These questions and more like them are addressed in Environmental Science. We will also try to understand the fullness of God's Earth and humankind's place in Creation. Special emphasis is placed on discovering how people have impacted the Earth and how these affect our present and future. In spite of much "bad news" about the environment, we will explore ways in which people can act as responsible caretakers of Earth's resources and what it means to be agents of reconciliation to all of the Creation. **Prerequisites:** Biology, Algebra I

Chemistry 11, 12

823/824

Chemistry is the study of stuff: the matter that makes up our world and the universe. Students in Chemistry learn how matter is classified, how it changes and how chemists use notation to document changes. Chemistry is a laboratory science; students will become familiar with basic chemistry notation, measurement, calculation, lab procedures and safety. Chemistry is a fundamental science. Success in chemistry is important to college-bound students, and essential for students who intend to pursue further studies in the natural sciences. Instructor Approval Required. **Corequisite:** Algebra 2

Physics – Honors 12

836/837

Physics is the study of how matter and energy are related and how they interact. In Physics, students explore some of the most fundamental questions of science, such as: How can we “know” anything with certainty? What is matter? What is energy? What causes things to move? How can we measure and quantify (put into numbers) ordinary events? What is the universe like? Students in Physics will spend much of their time learning by doing: measuring, manipulating, seeing and thinking through how the physical world works. **Prerequisites:** Algebra II and teacher approval

Visual Arts

Art 10, 11, 12

950

The goal of this semester course is to provide a variety of art experiences. Students will explore drawing, printmaking, mixed media, 3-D art, and painting in a variety of mediums. The projects will vary each semester. An art history project is required each semester. May be repeated with permission of the teacher.

Miscellaneous Courses

Freshman Seminar 9 050

Freshman seminar is designed to provide students with the necessary skills to be successful students. The course includes an exploration of effective habits, learning styles, study skills (including reading, note taking, organization, time-management, class participation, motivation and listening). In addition the class will include a unit on planning for college. Students will also practice writing skills.

Teacher Aide 11, 12 099

(1/4 credit – 1 semester course)

Students serve as aides for faculty members by mutual agreement. Student responsibilities are determined by the teacher, and evaluation is on a pass/fail basis. **Prerequisite:** Teacher approval required.

Interim

Knowing that education also takes place outside the classroom, the Valley Lutheran High School faculty has designed Interim. Interim is an exciting one-week learning experience offered between the third and fourth quarter of the school year. Each student will register for one course to be taken during the week. Courses in past years have included:

- Outdoors in Arizona
- Trip to Mexico
- Trip to Paris
- Trip to Spain
- Trip to England and Ireland
- Fishing Arizona
- Cooking
- Bowling
- History of Computer Games
- Ceramics
- Calligraphy
- College and Career Explorations
- Hiking and Biking Phoenix
- History of Baseball
- Gold Prospecting
- Rocketry
- Scrapbooking

Each year new and exciting courses are added and old courses are improved and offered again. Most courses, but not all, will have additional fees required. Students can earn $\frac{1}{4}$ credit towards graduation for each interim course completed. Interim has become a fun and exciting educational experience for both students and faculty.

Graduation Requirements

Theology	4 units
English	4 units
Social Studies	3 ½ units
Mathematics	3 units
	<i>Students must successfully pass Algebra 1</i>
Science	3 units
	<i>One (1) unit must be Biology</i>
Foreign Language	2 units
Physical Education	1 unit
Health	½ unit
Electives	4 ½ units
Computers	1 unit
Fine Arts	1 unit
Freshman Seminar	½ unit
Communications	½ unit
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Total	28 units