



**2009 - 2010**

**Secondary Course  
Catalog**



# ACADEMIC PROGRAM

The academic program is based on a well-rounded, Christ-centered curriculum. A variety of methods and materials are planned which meet or exceed the Washington State requirements. Grace Academy is granted approval by the Washington State Department of Education on an annual basis. In addition, Grace Academy is fully accredited by ACSI (Association of Christian Schools International) and NAS (Northwest Association of Schools). The Academy complies with all of the academic standards required of the public schools in Washington, and academic credits earned are readily transferable to other schools both public and private. Approximately 90% of our graduates enroll in higher education programs.

<b>High School Graduation Requirements</b>	
<b>English</b>	<b>4.0</b>
<b>Mathematics*</b>	<b>3.0</b>
<b>Science*</b>	<b>3.0</b>
<b>Social Studies*</b>	<b>4.0</b>
<b>Bible**</b>	<b>4.0</b>
<b>Foreign Language</b>	<b>1.0</b>
<b>Physical Education</b>	<b>2.0</b>
<b>Occupational Education</b>	<b>1.0</b>
<b>Fine Arts</b>	<b>1.0</b>
<b>Electives</b>	<b><u>3.0</u></b>
	<b>26.0</b>
1 semester equals .5 credits	

*\* Of the 3.0 math credits, at least 0.5 must be in algebra. Of the 3.0 science credits, at least 1.0 credit must be in a lab science. A total of 4.0 Social Studies credits are required and must include the following courses: Washington State History (.5), US History (1.0), World History (.5), and 1.0 credit in either Economics or Current World Problems (must be taken at Grace Academy). Transfer students must meet these specific course requirements as well.*

*\*\*Students must take Bible every semester enrolled at Grace Academy. For each semester student is not enrolled at Grace Academy, .5 credit is waived.*

All students entering high school at Grace Academy September 1, 2006 or later must meet the graduation requirements stated above. Students entering high school before September 1, 2006 must meet the graduation requirements published in the handbook the year they entered high school. If a requirement has since been eliminated, it is not required for students enrolled prior to September 1, 2006 either. All high school students will yearly receive a copy of their graduation requirements progress checklist, which reflects the graduation requirements applicable to that student.

All students attending Grace Academy all four years of high school are required to complete all credits necessary to meet their graduation requirements. Exceptions will be granted only in cases where a student cannot meet the requirements due to transferring in, scheduling problems, academic deficiencies, and/or physical limitations. The administrator will grant these exceptions only after consultation with the parents and students.

Secondary students in grades 7-11 are required to take seven classes both semesters, six of which must be taken on the Grace Academy campus with the exception of juniors enrolled in the Sno-Isle Vocational Skill Center. All arrangements for off-campus educational opportunities during the school day must be approved first. Students may not leave before the end of a period or arrive late to a period consistently and still receive credit for the class.

Off-campus learning opportunities must not interfere with the student taking the minimum class load on campus, including public school sports and driver education. If time is missed during part of a class for driver education or sports, all assignments must be made up in order to get credit for that course.

Seniors (grade 12) are required to take at least four classes each semester on the Grace Academy campus. Seniors are encouraged to take a full seven-period load, maximizing opportunities to take upper division math and science classes. These classes require the higher-level thinking skills necessary for success in college.

## Sample 4-Year Plan

Courses offered at Grace Academy may vary from the time a student enters high school and graduates. Courses currently offered are listed under the class year suggested for completion of credits for the departments.

Department	Freshmen	Sophomores	Juniors	Seniors
<b>Language Arts</b>	1.0 English I	1.0 English II	1.0 English III	1.0 English IV
<b>Mathematics</b>	1.0 Algebra I	1.0 Geometry	1.0 Algebra II	1.0 Pre-Calc/Trig
<b>Science</b>	1.0 Phys. Science	1.0 Biology	1.0 Chemistry	1.0 Physics
<b>Social Studies</b>	.5 WA State Hist. .5 Geography.	1.0 World History	1.0 US History	.5 CWP .5 Economics
<b>Bible</b>	1.0 Bible I	1.0 Bible II	1.0 Bible III	1.0 Bible IV
<b>Foreign Language</b>		1.0 Spanish I	1.0 Spanish II	
<b>Physical Education</b>	.5 Fitness/Health			
<b>Occupational Ed</b>	.5 Computers			
<b>Elective</b>	1.0 PE/Fine Arts/or Occ Ed	1.0 PE/Fine Arts/or Occ Ed	1.0 PE/Fine Arts/or Occ Ed	1.0 PE/Fine Arts/or Occ Ed

## Admission Criteria for Most Colleges and Universities

1. Some four-year colleges recommend that a minimum 2.50 grade point average be maintained; others require a 2.75 or 3.00 or higher.
2. Admission to technical colleges in the state of Washington is by satisfactory completion of high school or attaining 18 years of age.
3. For individual college requirements, consult a college catalog, or contact the Guidance Counselor for help. The most important criteria for college admission are the student's cumulative grade point average earned in college preparatory courses.
4. Many four-year colleges require test scores from the SAT or ACT, as well as grades, to determine acceptability.
5. Colleges carefully critique the classes taken, especially the senior year. Students who maintain a strong college preparatory class schedule will have an advantage when transcripts are being analyzed by colleges for admittance.
6. College admission criteria changes from year to year. Students should take careful note of the requirements for the college they hope to attend. The summer between the junior and senior year is an excellent time to begin investigating particular colleges.

## Testing Program – College Admission

Many colleges and universities now require that the student take one or more standardized state or national tests. Scores are sent to the college by the testing agency. The information concerning these tests is issued by the high school. All are optional and it must remain the student's individual responsibility to sign up for the tests in which he/she is interested. (Fees are determined by the test agencies.) The following tests are available to high school students.

### Juniors take:

The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is administered in the fall. We offer this test to all our 11<sup>th</sup> grade students because we believe most will be attending college. The PSAT section provides familiarization with the procedures involved in the SAT (see below). The NMSQT section is part of the merit scholarship program, and students may qualify for scholarships based on this test. A few scholarships have a prerequisite of a National Merit Scholarship Qualifying Test Score. Freshmen and Sophomores may also take this test, but will be responsible for the fee.

### Juniors and Seniors may take:

The Scholastic Aptitude Test (SAT) or the American College Test (ACT) is required by colleges throughout the country. The guidance counselor has registration packets for these tests.

**This Course Catalog includes required core subjects, required electives, and courses offered as elective options. Not all elective courses are offered to all grades every semester. Elective options are offered based on student needs/interests and the availability of teachers and facilities. The actual schedule for each semester, including electives offered, will be finalized in late summer.**

## BIBLE

### 7<sup>th</sup> & 8<sup>th</sup> Grade Bible

7-8

2 semesters

In the seventh and eighth grades, there are two texts. First semester the class will study the awesome attributes of God, using the book *“Let God Be God.”* Students will look at God as love, merciful, just, eternal, immutable, sinless, bountiful, omniscient, omnipresent, omnipotent, and sovereign. These are just some of the many characteristics that make God so wonderful. Second semester students will be using a text entitled *“Wise Up.”* At this time, the class will examine how to better deal with some of the problems and situations that touch Christian children, such as making good friends, how to treat parents, and responsibility at home. A variety of activities teach these concepts in creative ways.

### 7<sup>th</sup> & 8<sup>th</sup> Grade Bible (alternate year)

7-8

2 semesters

The 7<sup>th</sup> & 8<sup>th</sup> grade students will use the course material entitled “LifeQuest” to learn how they can look to the life and teachings of Christ as a blueprint for how they live their lives. This study will give students the tools, examples, and motivation to make their life quest to be more like Jesus.

### Bible I

9

2 semesters

Students will be introduced to the principles of Bible interpretation. They will be able to properly interpret the Bible for personal study and proper understanding of Bible doctrine.

### Bible II

10

2 semesters

Students will develop their understanding of the cardinal doctrines of theology proper, Christology, pneumatology, and soteriology. This study has one purpose – to encourage students to get to know their God. This practical study of God paves the way for genuine, loving Christian service with the right heart attitude. To know God is to love God, and to love God is to want to serve Him. Bible memorization will be required.

### Bible III

11

2 semesters

The overall objective of this course is to determine the fundamental biblical principles regarding the mission of the church and its role in missions. Specifically, this means each person studying the course would understand that God is a missionary God and develop a basic understanding of biblical keys to the establishment and expansion of the first century church. They would learn how to apply these keys to the 20<sup>th</sup>-century global church, determine a biblical definition for “missionary” and “missionary work”, and develop convictions on the role of the local church in missions today.

### Bible IV

12

2 semesters

Students will examine the process of sanctification to better understand how Christians are transformed. Based on Jim Berg’s book, *Changed Into His Image*, the students will be challenged to examine their lives and measure them with the Bible.

# COMPUTER

## Keyboarding

7

1 quarter

This class reinforces basic keyboarding skills. Students without previous experience will be taught to touch type correctly using appropriate software. Most other students will use a variety of materials, including scripture passages, to practice and improve skills. Regular testing checks and corrects deficiencies. Keyboarding is essential to rapidly preparing future academic assignments.

*This is a required junior high course*

## Introduction to Word Processing

8

1 quarter

This course introduces basic computer survival skills in the Windows operating system (OS) and word processing. Students use the provided text and teacher instruction to correctly navigate the OS and learn basic word processing using Microsoft Word. The text leads the students through various exercises to teach fundamental concepts. This course will prepare the student to be able to use Word to complete reports and papers required in other subjects.

*This is a required junior high course.*

## Computer Applications

9

1 semester

This course provides advanced training in word processing, complete coverage of spreadsheet use, introductions into presentation graphics, and databases. Students use the provided text to complete exercises in all aspects of Word and Excel. PowerPoint and Access are introduced but not fully developed. Students will improve their keyboarding skills as they complete assignments. This course provides the foundational skills required in today's job market and higher education.

*This is an elective high school course that counts for .5 Occupational Ed. credits.*

# FINE ARTS

*The Fine Arts courses listed are all electives. Other courses that will satisfy the Fine Arts requirement are under the following departments: Language Arts (Yearbook & Literature), Occupational Education (Home Ec), Computers (Computer Applications II and Graphic Design).*

## Art

Students explore a variety of media including calligraphy, pencil, and water color.

**Prerequisite:** Approval from instructor

## Beginning Guitar

7-8

1 quarter

Beginning Guitar for grade levels 7-8, for students with 0-2 years' experience. Your own instrument must be provided.

## Choir

Choir members will prepare concert music for performances scheduled for school, churches, and community service throughout the year. Some evening or weekend concerts will be scheduled for school visibility and recruitment, and most important of all, ministry opportunities. Training the singer to perform is emphasized, with priority given to voice production and breathing technique. Basic music theory is also emphasized.

**Prerequisite:** Audition

## Clothing and Textiles

1 semester

This course will teach basic clothing construction skills, textiles and their care, and appropriate styles for differing body types.

## Foods and Nutrition I

1 semester

This course is a study in nutrients, healthy food options, cost comparison grocery shopping and basic food preparation skills, including weekly class exercise to promote a healthy lifestyle. The believer's body is to be a "temple of the Holy Spirit." This class will help the student make informed choices now and in the future related to their overall health and well-being.

## Practical Life Skills

1 semester

This course will teach character development and personal interaction skills based on God's word. Also included are lessons on home care skills, time management skills, assessing goals for the future, budgeting, resume writing, job application practice, investigating career options, car and insurance buying skills. All these skills will help the student move towards adulthood with increasing confidence

## Introduction to Acting

1 semester

This course introduces students to terms, strategies and techniques related to theater drama. It is a recommended prerequisite to Play Production.

## Play Production

1 semester

In this course students produce a stage play. Students' responsibilities in class differ with their duties with respect to the play, whether actors or technicians.

**Prerequisite:** Audition.

## Technical Drama

1 semester

Technical Drama teaches the behind-the-scenes elements to producing a stage play. Students learn the basics of set design and construction, lighting, make-up and more. This class is always succeeded by a Play Production. Enrollment is limited to twelve students

## Spanish I

10

2 semesters

This class teaches students the basics of the Spanish language as it is spoken in Latin America. At the completion of the first year of study, students should be able to meet basic survival needs and courtesy requirements such as greeting and taking leave, asking and answering simple questions, and providing simple personal information such as name and age. Student should also be able to perform certain functions with the language, such as ordering a meal, making purchases, following directions, and discussing family, church, school, and sports. The use of the present tense is a major focus in Spanish I. However, other tenses are introduced toward the end of the year.

## Spanish II

11

2 semesters

The course helps students achieve an intermediate level of proficiency in their second year of Spanish language study. In addition to reviewing and mastering the foundational material covered in Spanish I, Spanish II students should be able to perform practical functions in Spanish, as it is spoken in Latin America. Students will learn grammar as a means to improve communication. Everyday contexts include the airport, bank, car shop, doctor's office, hotel, restaurant, and store. Speaking, reading, writing, and listening skills become more advanced in Spanish II as students become increasingly proficient with as many as eleven Spanish verb tenses.

This course is also offered for concurrent credit through Northwest Nazarene University for an additional fee per semester.

# FOREIGN LANGUAGE

## Junior High Spanish

7-8

1 quarter

This computer-based course serves as an introduction to the Spanish language. The curriculum is designed to help students identify common words and phrases and to be able to understand elementary characteristics and patterns within the language.

# LANGUAGE ARTS

## 7<sup>th</sup> English

7 2 semesters

In this course students will continue to expand their knowledge of vocabulary, spelling, and grammar. They will learn to identify and analyze the various elements of literature (theme, setting, irony, etc.) and enhance their writing capabilities by practicing how to write thesis statements and essays in their proper format.

## 8<sup>th</sup> English

8 2 semesters

This course is a continuation, in greater depth, of 7<sup>th</sup> grade English.

## English I

9 2 semesters

Students study parts of speech and other aspects of grammar while learning to develop the essay and other forms of writing. They also learn to analyze styles of poetry and then to write it. While reading two Shakespearean plays, students learn about Elizabethan drama, staging, costuming, and contemporary special effects. Students also read two classic novels and learn to analyze form and content.

## English II

10 2 semesters

First semester covers the techniques of writing and giving speeches. Second semester focuses on honing grammar skills and on higher critical thinking and writing research papers, in addition to essays, short papers, and poetry. Students read one Shakespearean plays and two or three classic novels.

## English III

11 2 semesters

This course deals with the development of the students' writing and grammar skills. Students read three Shakespearean plays and a survey of American literature, including authors and poets from Byrd and Jonathan Edwards to modern writers such as e.e. cummings. Students learn to develop their ideas through writing two short research papers, various essays, and poetry.

## English IV

12 2 semesters

Students read two or more Shakespearean plays and a survey of British Literature, including early writings Beowulf and Bede to contemporary writings from T.S. Eliot and Auden. Students write two research papers and various essays and poetry in anticipation of preparing for college.

## Literature

9-12 1 semester

Students will study short stories in world literature.

*This is a high school course which can be taken for elective or fine arts credit.*

## Speech

9-12 1 semester

Elements of effective speech are studied so students will be able to make points and defend them, as well as speak extemporaneously. Students will be prepared to enter speech competitions and will also learn to do dramatic interpretations.

*Can be taken for Fine Arts credit or Elective credit.*

# MATHEMATICS

## 7<sup>th</sup> Grade Math

2 semesters

This course emphasizes a full range of topics needed for a successful study of algebra including variables, equations, and problem solving. Strong review and advancement is given in the following areas: order of operations, solving equations and inequalities, decimal numbers and exponents, basic geometry, factoring and multiples, fractions and ratios, percents, areas and volumes, integers and graphs, and analyzing data.

## Pre-Algebra

2 semesters

This course prepares the students for high school algebra and provides strong review and advancement in the following areas: order of operations, equations and inequalities, problem-solving, exponents, rounding and the decimal system, positive and negative numbers, all operations of fractions, solving equations and inequalities and graphing on the coordinate plane, geometry, ratio, proportion and percents, areas and volumes, square roots and right triangles, probability, statistics and polynomials.

## Algebra I

2 semesters

This course covers traditional algebraic topics including working with real numbers, solving equations and problems, polynomials, factoring polynomials, algebraic fractions, functions, systems of linear equations, inequalities, rational and irrational numbers and quadratic functions.

## Geometry

2 semesters

This class includes traditional geometry topics, including deductive reasoning, parallel lines and planes, congruent triangles, quadrilaterals, similar polygons, right triangles, circles and constructions. Students will learn how to reason in a logical manner via two-column proofs.

## Algebra II

2 semesters

This course covers traditional advanced algebra topics including linear equations and functions, products and factors of polynomials, rational expressions, irrational and complex numbers, quadratic equations and functions, variation and polynomial equations, analytic geometry, exponential and logarithmic functions, and triangle trigonometry.

## Pre-Calculus

2 semesters

This course covers traditional advanced math topics including linear and quadratic functions, polynomial functions, inequalities, functions, exponents and logarithms, analytic geometry, trigonometric functions, triangle trigonometry, trigonometric formulas, and polar coordinates.

## Calculus

2 semesters

This course covers an introduction to calculus and analytical geometry. The students will be introduced during the year to all materials in a regular 1 semester college course. Review of key principles from Pre-Calculus will be included as needed. Students completing this class should be able to challenge the first semester of college calculus or more.

## Business Math

10-12

2 semesters

Students will use basic math skills to calculate interest rates, cash and trade discounts, and income profit and loss. This is a life-application math course covering topics such as capital budgeting credit, investments, taxes, banking, insurance and other business-related mathematics.

# OCCUPATIONAL ED.

*The occupational education courses listed are all electives. Other courses that will satisfy the occupational education requirement are in the following departments: Computers (Presentation Graphics, Computer Modeling, Introduction to Programming, & Computer Applications) and Mathematics (Accounting).*

## Jr. High Home Economics

7-8 1 quarter

In 7<sup>th</sup> grade students learn the proper care of clothing, pressing techniques, about various fabrics and how to operate a sewing machine. Students will complete one sewing project in class. In 8<sup>th</sup> grade students will learn the basics of cooking and reading recipes by participating in cooking labs. Balanced meal planning will be covered.

## Student Aide

7-12

Students assist teachers in classroom activities, photocopying, grading papers, artwork, etc.

**Prerequisite:** Teacher approval. Student aides for P.E. must have completed the 2.0 credits required in Physical Education for high school.

## Office Aide

7-12

Students use their clerical and interpersonal skills while working in the Academy or church offices.

**Prerequisite:** Approval by office manager.

## Library Aide

7-12

Students will assist elementary students in locating, checking in, and checking out books. Other duties include cataloging, labeling, shelving, and covering books. They will also have opportunities to share and read books to younger students.

**Prerequisite:** Approval by librarian.

## Yearbook

9-12 1st semester only

Students should gain a basic understanding of desktop publishing, writing skills, marketing, layout and design, and photography. They will also be involved in interviews and advertisement sales. The end result is to be a quality public relations tool that represents Grace Academy and glorifies God.

**Prerequisites:** Recommendation from the English department and instructor approval. Can be taken for Occupational Education or Fine Arts credit

# PHYSICAL EDUCATION

## Fitness/Health

9 1 semester

This course is based on the premise that total health means making healthy choices physically, mentally, emotionally and spiritually. Students are challenged to pursue goals and to develop a lifestyle that will foster total health. Some class time is devoted to fitness activities; the rest of the class time is spent gaining information and taking part in discussions that analyze all areas of health from a Christian perspective.

*This is a required high school course and receives .5 credits toward the Physical Education requirement.*

*This class is taught separately to boys and girls.*

## Physical Education

7-12

This course includes individual and team sports with an emphasis placed upon skill and cardiovascular development.

*PE is required in 7<sup>th</sup> & 8<sup>th</sup> grades. 3 semesters are required during the four years of high school.*

## Fit For Life

9-12

Fit for Life is a P.E. alternative that allows students to customize a fitness program that can be completed outside of school. This program requires an additional \$20 fee per .25 credits.

# SCIENCE

## Life Science

7 2 semesters

In general, science is a study of man's observations of the world God created and man's use of those observations to make decisions. Life Science, specifically, is observations and decisions about living things. Students will learn about the observations other people made of living things and will develop the skills necessary to make good observations on their own.

## Earth Science

8 2 semesters

This class is a Christian overview of all the major areas of earth science. We begin in outer space discussing the earth's motion, stars, sun, and other planets and their shift to the earth's atmosphere including weather prediction. The lithosphere is then studied including geology, minerals, fossils, mountains and earthquakes. Finally, we study the hydrosphere, oceans, glaciers, and ground water.

## Physical Science

9-10 2 semesters

This course is designed to allow students to examine various physical laws and principles of basic chemistry and physics. Basic laboratory experiences will be presented, allowing students to collect and interpret data. Areas studied are matter, atomic structure, chemical interaction, forces, motion, energy and the environment.

## Biology

9-10 2 semesters

Biology is the study of living organisms, starting with the chemistry of life and the cell theory and progressing to genetics (the study of heredity), plants and animals and their relationship to their environment. This course is a combination of lecture and lab. Dissections may include the worm, crayfish, perch, grasshopper, and frog. During the fourth quarter, students study human anatomy.

## Chemistry

11-12 2 semesters

Chemistry is organized around a central theme of the properties of matter and a consequence of its structure. The course begins with measurements and mathematical techniques, and moves into basic classification, formulas, and compounds. Mass and energy relationships are dealt with, as well as atomic theory and the molecular concepts. This course takes the students from the familiar to the unknown and enables the student to foster an understanding and the ability to predict consequences.

## Physics

11-12 2 semesters

Physics is essential for students interested in science and technological fields, including health sciences, engineering, architecture, marine science, and electronics. Physics is the science of matter and energy and transformations of energy. The subject is developed in two ways: (1) Theoretical analysis of observed phenomena, in qualitative terms, from a philosophical and historical viewpoint and (2) quantitative analysis of data provided or collected in lab sessions. Problem-solving abilities and logical analysis are stressed.

# SOCIAL STUDIES

## World Studies

7 2 semesters

This course studies world history from the end of the ancient civilizations to contemporary world history. Students will study an overview of people and events from a Christian perspective.

## Jr. High U.S. History

8 2 semesters

The purpose of this class is to give students a better understanding and knowledge of the foundation of our great country. This course will help build an appreciation for the struggles of the first settlers, our government, where and how it began and how it got to where it is today, and follow step by step the history of the United States.

## Geography

9-10 1 semester

The focus of this course is world geography combining the study of the physical, political, economic, and cultural aspects of the earth and its peoples. Students learn the basic geographic information and tools of study and comparison that are then applied to the specific regions, countries, and peoples of the world. Students learn how to interpret various types of maps and charts.

## U.S. History

10-12 2 semesters

This class is a chronological survey of American history from discovery to the present. An exploration of the structure of the American government and Constitution will also be studied.

## Washington State History

9-10 1 semester

This course covers the economic, geographical, historical and political background of Washington State and the Pacific Northwest. Students will review the Constitution of the state of Washington. They will also study the historical importance of Pacific Northwest Native American tribes, early explorers and settlements, and the role that the missionary movement played in the settlement of the Pacific Northwest. The course also focuses on the rich abundance of natural resources in the Pacific Northwest, examining the economic importance of various industries.

## World History

9-11 2 semesters

This class is a chronological survey of world history from creation to the present day, the influence of God's people on the world and the influence of the world on God's people. Physical and political geography is also included through cartography. Focus is centered on Western, Christian heritage, while also surveying the contributions of Asian, African and Latin American cultures. This is complimented by an examination of how individuals have used their God-given talents in the fields of art, music, literature, and science.

## Economics

11-12 1 semester

This class is a practical study of the elements and functions of economics and economic systems. It will develop an awareness of economic principles and theories by presenting ideas simply and logically. Students will learn how to apply economic systems to personal and practical situations using a "hands-on" stock market research and private business techniques through MESE (Management and Economic Simulation Exercise).

## Current World Problems

11-12 1 semester

Students develop an awareness of the importance of viewing current world problems from God's perspective. They acquire a background of information about some of today's problems and how to develop the habits and skills necessary for intelligent participation in this contemporary world, including their responsibility before God to effect change in their world.

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