

# DENVER LUTHERAN High School

NURTURING ACADEMIC EXCELLENCE  
ENCOURAGING GROWTH IN CHRIST

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## **ACADEMIC HANDBOOK 2008-2009**

(Updated 4/21/2008)  
**Course Descriptions  
Graduation Requirements**

## Denver Lutheran High School – Academic Handbook 2008-2009

Dear Students and Parents,

It is our wish that DLHS would provide an excellent experience for all of its students as they prepare for life after high school. We are committed to providing the proper resources and guidance for students as they discover how best to use the gifts and talents that the Lord has given to them.

College and career planning should be a joint effort between the student, parents, teachers, and the guidance counselor. It starts the very first day that a student steps foot in the door at DLHS. We desire every student to find the vocation in life in which they can serve God to the fullest.

Please check our “college and career” web page at [www.denverlhs.org/inside/college.html](http://www.denverlhs.org/inside/college.html) for all information concerning college and career planning. Please do not hesitate to contact us with further questions.

Sincerely,

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### CREDITS EARNED

Denver Lutheran High School is owned and operated by the Colorado Lutheran High School Association, an organization pledged to provide a balanced Christ-centered education on the secondary level. Denver Lutheran High is accredited by the North Central Association of Schools, the Colorado State Board of Education, and National Lutheran Schools. Credits earned at Denver Lutheran High School may be transferred easily to high schools and colleges throughout the United States and to United States accredited schools overseas. Each full year course meeting every day receives one (1) unit of credit per year. Half year courses will receive one-half (1/2) credit.

## GRADUATION REQUIREMENTS

To graduate, a student must have earned 22 units of credit as outlined below, plus one-half unit of Theology for every semester in attendance. In addition to the Theology credits, the twenty-two (22) units include the following:

English	4 units	Physical Education	2 units
Science	2 units	Computer Applications	1/2 unit
Mathematics	3 units	Fine Arts	1 unit
Social Science	3 units	Electives	6.5 units

It is the responsibility of all students to develop their course of study with assistance from parents, teachers and the guidance director. Toward the end of the freshman year, students will decide which course they wish to follow and subsequently will inform the guidance director of their plans. College preparatory students should report the college of their choice as early in their high school career as possible. It is the responsibility of all students to make sure they meet all the requirements for graduation.

## STUDENT LOAD

The school day consists of 8 class periods and a lunch period. All students will have 7 classes and 1 academic lab each day. A student may take 8 classes each day with approval of the Principal. Any other class schedule variations must have the approval of the Principal.

## GRADING

### A statement of purpose concerning grades

Grading as a way of assessing the progress of students has several purposes:

1. It is a way of communicating progress to the student and parent.
2. It monitors a student's progress over a period of time.
3. It can serve to motivate the student to improve performance.
4. It allows a teacher to measure effectiveness of instruction.

Students are evaluated in a variety of areas that include quizzes, tests, homework, attendance, class participation and contribution, performances, special projects, and initiative. In order to more clearly communicate how Denver Lutheran High School evaluates students and determines grades, a five category ranking system is used. Grades are defined in the following manner:

100 - 90%	A	Superior and outstanding performance.
89 – 80%	B	Good performance.
79 – 70%	C	Average performance.
69 – 60%	D	Weak, but passing performance.
below 60%	F	Unacceptable performance.

Using these criteria, each teacher devises a system to quantify student performance in such a way that it can be clearly defined and explained to students and parents.

## **ADDITIONAL CONSIDERATIONS RELATED TO GRADING**

1. Comprehensive semester exams will be given to all students except in performance classes. In these classes, the administration of a final exam is left to the discretion of the teacher. Students who do not take the semester exams will receive a failing grade for the exam. A semester exam may not count more than one-third of the term grade.
2. Students who copy, cheat, or plagiarize on an assignment, test or quiz will receive no credit for that assignment, test or quiz. Furthermore, cheating is a Level A infraction (see "Consequences of Behavior" in the student/parent handbook) and will result in the student receiving a detention. (Also see "Cheating" in the student/parent handbook.)
3. It is the responsibility of the student to know what his/her grade is in a course at any time. This can be accomplished by viewing grades on K12planet.com or by asking the teacher for a grade report. Teachers will make every effort to effectively communicate current grades on a weekly basis. Within two weeks of the end of each semester, teachers will generate current grade reports for students that also include assignments and possible points for the remainder of the semester.
4. A grade of "incomplete" will be given when students have not completed the major requirements of a course because of absences due to illness or to other reasons over which they have no control. Normally an "incomplete" must be removed within two weeks after the semester ends. In the event the uncompleted work is not turned in or tests are not taken, the teacher will assess the grade based on the student's effort demonstrated during the marking period less a failing grade for all work or tests not completed.
5. Late work not caused by absence from school will be subject to academic penalty as determined by the teacher. It is generally recommended that teachers give half-credit for late work turned in one day late and no credit for work turned in more than one day late.
6. Students who fail more than one class in a semester will be placed on academic probation.

## **REPORT CARDS**

The school year is divided into two semesters. After the first and third quarter, students will receive an in-progress grade. A final grade based on the entire semester, including the final exam, will be given shortly after the end of the semester. This is the semester grade that is entered into the permanent record together with the amount of credit earned.

## **TRANSFER OF CREDITS**

1. Ordinarily, all credits in courses required for graduation should be taken at Denver Lutheran High School. Denver Lutheran High School will accept credits for required courses from schools in which the courses were taken during the regular academic year. (Administration may make an exception.)

2. No course should be taken outside Denver Lutheran High School and counted toward meeting the requirements for graduation until it has first been approved by the guidance counselor or administration.
3. A student may transfer two units of summer school credit per year toward graduation (regular classroom credit). Generally, only students who have not received a passing grade may take summer school. Any exceptions should be approved by the Guidance Counselor or administration.
4. Alternate credits (i.e. online courses) will be counted toward meeting the requirements only with the approval of the Guidance Counselor or administration.

## **DROPPING A COURSE**

A student may drop a semester course within **ten class days** without loss of credit.

If a student drops a course after the first ten class days of a semester, he/she receives a grade of F and that grade will appear on his/her transcript.

A dropped course must be initiated following either one of these procedures:

1. Parents / guardians may write a letter to the Principal or Guidance Counselor and request that a course be dropped. The letter will be placed in the student's permanent file.
2. The Guidance Counselor or Principal could request that a student drop a course. In that case, a request for dropping the course is to be completed and sent to the parents for approval.
3. A fee of \$25.00 will be charged for any drop unless school administration or the Guidance Counselor suggests the change.

## **MARKING, CLASS RANK, AND GPA**

### **Marks - for all regular courses**

A = 4 points per semester for each 5 period/week class - .5 unit credit

B = 3 points per semester for each 5 period/week class - .5 unit credit

C = 2 points per semester for each 5 period/week class - .5 unit credit

D = 1 point per semester for each 5 period/week class - .5 unit credit

F = 0 points per semester for each 5 period/week class - no credit

### **Marks - for all honors and advanced placement courses**

A = 5 points, B = 4 points, C = 3 points, D = 2 points, and F = 0 points

## Class rank and grade-point average

1. Marks for all subjects for which credit is given, whether passed or failed, will be used in computing grade-point averages (also called current average).
2. Marks for high school courses taken in grade 7 and 8 are not to be included when computing grade-point averages and are not to be included in the 26 (22 plus Theology courses) units required in the 9<sup>th</sup>-12<sup>th</sup> grades for graduation. A student may elect to receive credit for summer school courses during the summer previous to the 9th grade. (Note: an exception may be made for Algebra I taken in the 8<sup>th</sup> grade if it is needed to meet the math requirements of the HEAR – see below.)
3. If a student repeats a course failed or repeats a course to improve the grade, only the mark and credit received the second time the course was taken is to be used in computing the grade-point average and total credit. The first course will be changed to "Audit" with no credit after the student completes the course a second time.
4. The grades of a student who transfers to Denver Lutheran High School are considered on the same basis as those of a student who has been enrolled in Denver Lutheran High School for his/her entire high school experience. All procedures outlined in this handbook apply also to transfer students.

## Higher Education Admission Requirements

In accordance with a policy passed by the Colorado Commission on Higher Education (CCHE), beginning in the Fall of 2008, students who are admitted to any of Colorado's public four-year colleges and universities will need to have completed the following courses that make up a solid pre-collegiate curriculum. Some requirements are added in the fall of 2010:

Academic Area*	2008/2009 Graduates	2010+ Graduates
English	4 years	4 years
Mathematics (Must include Algebra I, Geometry, Algebra II or equivalents)	3 years	4 years
Natural/Physical Sciences (two units must be lab-based)*	3 years	3 years
Social Sciences (at least one unit of U.S. or World History)	3 years	3 years
Foreign Language	not required	1 year
Academic Electives*	2 years	2years

\*Acceptable Academic Electives include additional courses in English, mathematics, natural/physical sciences and social sciences, foreign languages, art, music, journalism, drama, computer science, honors, Advanced Placement, International Baccalaureate courses, and appropriate CTE courses.

CCHE’s standards must be adhered to in order to gain admittance to the following list of schools (minimum GPA is also listed):

<b>Receiving Institution</b>	<b>Minimum GPA</b>
Colorado School of Mines	2.70
University of Colorado at Boulder	2.70
Colorado State University	2.50
Fort Lewis College	2.40
University of Colorado at Colorado Springs	2.40
University of Colorado at DHSC	2.40
University of Northern Colorado	2.40
Adams State College	2.30
Colorado State University - Pueblo	2.30
Mesa State College	2.30
Western State College	2.30
Metropolitan State College	2.30

## **PROSPECTIVE COLLEGIATE - STUDENT ATHLETES**

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting and financial aid. If a student is planning to enroll in college as a freshman and wishes to participate in Division I or II athletics, he/she must be certified by the NCAA Initial-Eligibility Clearinghouse. The Clearinghouse ensures consistent application of NCAA Initial-Eligibility requirements for prospective student athletes at all member institutions.

### **Eligibility**

- Registration must be completed by going online to [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).
- A \$50 registration fee payable with a credit card will be needed at the time of registration.
- Two copies of the printed form must be given to the counselor (Form 1 and 2 signed).
- Check the approved core course list (available in the main office upon request).
- Division I and II require a minimum of 16 academic course units as follows:
  - 4 years of English
  - 3 years of Math (Alg. I or above)
  - 2 years of Science (1 year of lab science)
  - 2 years Social Studies
  - 1 additional year of English, Math, or Science
  - 4 years additional courses from list or second language

- Students must have a core-course GPA of 2.0 (based on a 4.0 scale) and a combined score on the SAT verbal and math sections or a sum score on the ACT based on the qualifier index scale which can be found on the NCAA web site or by contacting 1-877-262-1492.

## DEPARTMENTS

### ART

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
<b>Introduction to Art (1/2)</b>	Drawing/Painting I (1/2)  Ceramics (1/2)  Crafts/Print-making (1/2)	Intro to Computer Graphics (1/2)  Advanced Computer Graphics (1/2)  Drawing/Painting II (1/2)  Ceramics (1/2)  Crafts/Print-making (1/2)	Intro to Computer Graphics (1/2)  Advanced Computer Graphics (1/2)  Drawing/Painting II (1/2)  Ceramics (1/2)  Crafts/Print-making (1/2)  Advanced Art IS (1 or ½)
<b>Introduction to Art (1/2)</b>  AND  Drawing/Painting I	Intro to Computer Graphics (1/2)  Advanced Computer Graphics (1/2)  Drawing/Painting II (1/2)  Ceramics (1/2)  Crafts/Print-making (1/2)	Intro to Computer Graphics (1/2)  Advanced Computer Graphics (1/2)  Drawing/Painting II (1/2)  Ceramics (1/2)  Crafts/Print-making (1/2)	Intro to Computer Graphics (1/2)  Advanced Computer Graphics (1/2)  Drawing/Painting II (1/2)  Ceramics (1/2)  Crafts/Print-making (1/2)  Advanced Art IS (1 or ½)

Note: Courses in bold are required for graduation.

#### Introduction to Art

9-12

Required

1/2 Unit Credit

This course is an introduction to the numerous facets of artistic studies. Historical, contemporary, functional, and aesthetic techniques and appreciation are included. It will also include a taste of viewing as well as doing.

#### Drawing / Painting I

9-12

Elective

1/2 Unit Credit

The first quarter of this class is geared toward developing basic drawing skills using a variety of drawing media and techniques. The second half of the semester is devoted to learning the art of painting.

Drawing / Painting II                    9-12                    Elective                    1/2 Unit Credit  
Drawing will be the focus of the first half of this semester class and painting the focus of the second half. The assignments will be more challenging and will build on what was learned in Drawing/Painting I. Students will be challenged to think creatively and to take risks in developing their skills.  
Prerequisite—Drawing/Painting I

Ceramics / 3D Sculpture            9-12                    Elective                    1/2 Unit Credit  
The first half of this course will be devoted to learning basic hand-built pottery techniques. With that foundation, the second half of the class will become progressively more challenging, with students learning to make more advanced three dimensional artwork using clay, paper mache', wire, and other materials.

Crafts / Print Making                9-12                    Elective                    1/2 Unit Credit  
The first half of this semester class will focus on artistic crafts and craftsmanship. Stained glass, batik, papermaking, bookbinding, mosaic tiling, and other areas will be explored. In the second part of this class, students will learn basic print-making methods, such as etching, silk screening, embossing and block printing.

Introduction to Computer Graphics 9-12                    Elective                    1/2 Unit Credit  
Students will learn how to use graphic design software including Adobe, Illustrator, and PhotoShop. Assignments are artistic in nature.

Advanced Computer Graphics        9-12                    Elective                    1/2 Unit Credit  
Students will use the graphics software learned in the intro class to produce works of art. This class stresses traditional art principles in a technological setting. Prerequisite—Intro. to Computer Graphics

Intro./Video Prod. & Editing        9-12                    Elective                    1/2 Unit Credit  
This class will teach students how to create and edit sound and video using various types of media.

Advanced Art                                11-12                    Elective                    1/2 Unit Credit  
Students who have taken all or most of the art classes and are highly motivated and interested in art as a career will arrange to study advanced art techniques.  
(Offered as an independent study.)

## ENGLISH

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
English I (1)	English II (1)	AP English Language & Composition (1)	AP English Literature & Composition (1)
OR	OR	AND/OR	AND/OR
Honors Freshmen English (1)	Sophomore Honors English (1)	<b>British Literature (1/2)</b>	<b>British Literature (1/2)</b>
	<b>Public Speaking (1/2)</b>	<b>Public Speaking (1/2)</b>	<b>Public Speaking (1/2)</b>
		Christian Literature(1/2)	Christian Literature(1/2)
		Short Stories (1/2)	Short Stories (1/2)
		College Prep Writing (1/2)	College Prep Writing (1/2)

Note: Courses in bold are required for graduation.

### English I

9

Required

1 Unit Credit

This course studies a general overview of literature, grammar, composition, and public speaking. This composite approach will also offer vocabulary and language study. The overall goal is to help the student be a better steward of God's great gift—communication.

### English II

10

Required

1 Unit Credit

English II studies American Literature and evaluates it from a Christian worldview perspective.

(Col. 2:8) Traditional American writings are read and analyzed to provide life-long appreciation of the literary trends and ideas that shaped the heritage of the United States. Composition work includes paraphrasing and summarizing skills necessary for research writing, essays, and a job resume. There will be an on-going study of vocabulary and language usage.

### British Literature

11-12

Required

1/2 Unit Credit

The literature portion will be a study of the novel, poetry, short story, and drama literacy forms of British authors. Composition study will include essays and a research paper. Students will also continue their study of vocabulary and language usage. Required for non-honors/AP juniors or seniors. Prerequisite—English II

### Public Speaking

11-12

Required

1/2 Unit Credit

Public Speaking emphasizes the research, organization, documentation and, especially, presentation of persuasive argumentation in a carefully structured format. Different debate styles will be explored--from one-man to two-man teams, using the cross-question format. Public speaking emphasizes having something to say and saying it in an audience (the class) and also evaluates the work of classmates. The student will also learn how to locate and utilize materials for the content of the speeches.

Short Stories Across the Ages                      11-12                      Elective                      1/2 Unit Credit  
Students will read various short stories from authors around the world as well as across time periods. Stories will be analyzed for plot, character, theme, and style. Students will complete a variety of responses to the literature.

Christian Literature                                      11-12                      Elective                      1/2 Unit Credit  
Students will read various Christian books to gain a better understanding of God and the Christian worldview perspective. Students will analyze the books for plot, character, theme, and style as well as complete a variety of responses to the literature.  
(Also offered as an independent study.)

College Prep Writing                                      11-12                      Elective                      1/2 Unit Credit  
This course is designed to emphasize the writing skills that are absolutely imperative for students who wish to continue their formal education after graduating from high school. This class is supplemental to the junior or senior level English classes and includes intensive writing instruction. Students will be exposed to and produce several different forms of writing. They will not only master process writing and produce “finished” work (proofread and edited), but also be challenged to solve problems, do close readings of texts to find support for theories, and produce convincing arguments in their writing. A close study of grammar and usage will coincide with the writing instruction.

### **Honors English Classes – Guidelines and Procedures**

Honors English students must maintain a semester average grade of 80% in their current honors or AP course during the course of the school year to move on to the next honors or AP class. Teacher discretion may be used for students in the 75-79% range, but these students will not have priority for enrollment.

Freshmen and sophomore students desiring to move from English I or English II to the honors or AP English classes must have maintained a 90% or better during the course of the year and have a recommendations from their current teacher. These students will have enrollment priority over honors or AP students who did not maintain an 80%.

Students who did not maintain an 80% at semester will be dropped back to English I or II or an appropriate English elective and will not allowed to move back to the Honors/AP level the following school year.

Eighth grade students desiring to enroll in Freshmen Honors English must complete the following criteria:

1. Teacher recommendation
2. High score in reading on the Placement Test
3. High score on the grammar and punctuation entrance test (completed at DLHS)
4. High score on the written essay test (completed at DLHS)

Freshmen Honors English                      9                      Elective                      1 Unit Credit

The Freshmen Honors class presents an accelerated program for the capable student in the Language Arts. It will provide an advanced overview of literature, grammar, composition, vocabulary, and language study. Prerequisite—Department Consent.

Sophomore Honors English                      10                      Elective                      1 Unit Credit

Sophomore Honors English provides an accelerated program for the capable student in the Language Arts. A focus on American literature forms an integrated program of reading, vocabulary study, grammar, and composition study. Traditional American writings will be read and analyzed to appreciate the literary trends and influences of American authors on the heritage of the United States. Prerequisite—Department Consent and/or a cumulative GPA of at least 3.0

Junior Honors English                      11                      Elective                      1 Unit Credit

Junior Honors English presents a refinement and polishing of grammar and composition skills plus the reading and analysis of British literature. The study of British literature provides an opportunity to learn about the literary background of many of our contemporary philosophies, attitudes and linguistic expressions. Competency of speaking and writing will be increased and a review of traditional grammar will reinforce vocabulary and composition skills. Students will write a research paper and learn the correct process and form of researching. Prerequisite— Department Consent and/or a cumulative GPA of at least 3.0 (Note: Junior Honors English will become AP Language and Composition for the 2008-2009 school year – course description coming soon.)

Advanced Placement Literature & Composition                      12                      Elective                      1 Unit Credit

The A.P. English course provides accelerated, motivated seniors an opportunity to do college-level work. Students who wish to receive college credit will take the Advanced Placement Literature and Composition Examination and/or the Advanced Placement Language and Composition Examination given nationally each May. Students can earn college credit with a successful score on the AP exam. The course focuses on intensive reading of world literature from the ancient Greeks to the contemporary classics, with an emphasis on British and American authors. An in-depth study of novels, plays, essays, short stories, and poetry provides the core for writing assignments, projects, and discussions. Prerequisite— Department Consent and/or a cumulative GPA of at least 3.0.

**FOREIGN LANGUAGE**

Course selection can be constructed in the following manner:

<b>Freshmen</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
Spanish I (1)	Spanish II (1)	Spanish III (1)	Spanish IV (1)
	Spanish I (1)	Spanish II (1)	Spanish III (1)
		Spanish I (1)	Spanish II (1)



## MATHEMATICS

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
Pre-Algebra (1)	Algebra (1)	Geometry (1)	Advanced Algebra (1) Consumer Math (1/2) Fundamentals of Geometry (1/2)
Algebra (1)	Geometry (1)	Advanced Algebra (1)	Pre-Calculus (1) Statistics (1/2) Consumer Math (1/2)
Geometry (1)	Advanced Algebra (1)	Pre-Calculus (1) Statistics (1/2)	AP Calculus AB Statistics (1/2)
Advanced Algebra (1)	Pre-Calculus (1) Statistics (1/2)	AP Calculus AB (1) Statistics (1/2)	AP Calculus BC IS (1) Statistics (1/2)

### Pre-Algebra

9-12

Elective

1 Unit Credit

This course is designed for students not yet ready for Algebra I, to aid in the transition from middle school mathematics to algebra. Students will strengthen basic math concepts and skills in areas such as decimals, fractions, percents, ratios, and proportions. This course will also begin to integrate these basic concepts with algebraic concepts such as open sentences and expressions, solutions of equations and inequalities, use of bases and exponents, evaluating expressions, and graphing. The course also re-emphasizes some basic geometric principles such as use of polygons, area, and volume.

Prerequisite—Department Consent

### Algebra I

9-12

Elective

1 Unit Credit

Algebra I includes the following topics: introduction to algebra, positive and negative numbers, equations and inequalities, problem-solving, using equations, operations and polynomials, special products and factoring, graphs, linear equations and functions, systems of linear equations, fractions and fractional equations and radical expressions. Prerequisite – Students must score at least a 7.5 grade equivalent on the placement test, achieve a grade of B or higher in 8<sup>th</sup> grade math, or receive department consent.

### Consumer Math

9-12

Elective

1/2 Unit Credit

This course reviews some of the basic skills used in mathematics with some emphasis on the basic operations, as well as some review of fractions, percents and decimals, metric measurements and conversion problems. It also includes everyday skills needed in balancing a checkbook, figuring wages, price comparisons, and similarly related topics. Prerequisite—Department Consent

Fundamental Geometry                      9-12                      Elective                      1/2 Unit Credit

This course teaches the fundamental concepts of Geometry without the aid of formal proofs. Such concepts as points, lines and planes will be examined, as well as the relationships of angles and line segments in various unique polygons (triangles, rectangles, etc.). Circles, geometric solids, and coordinate geometry are also treated in depth. Various straightedge and compass constructions are taught, as well as useful and well-known formulas for unknown lengths, perimeters, areas, and volumes. Prerequisite—Department Consent

Geometry                                      9-12                                      Elective                                      1 Unit Credit

Geometry is a mathematics course which studies the various properties of geometric figures and how these relate to each other. Proofs, as used in this course, are designed to enhance critical thinking skills and problem-solving techniques by helping the student identify a problem, examine the alternatives, and work through the problem to a solution. Prerequisite—Algebra and Department Consent

Advanced Algebra/Trigonometry      9-12                                      Elective                                      1 Unit Credit

Advanced Algebra/Trigonometry expands on topics introduced in Algebra I and includes the study of linear equations and inequalities, expansion and factoring of polynomials, rational expressions, radicals and exponents, complex numbers, quadratic equations, functions, and logarithms. An introduction to analytic geometry and trigonometry are also given. Prerequisite—Geometry and Department Consent

Statistics                                      11-12                                      Elective                                      1/2 Unit Credit

This course is designed for students to be able to make meaningful comparisons among data, and be able to draw reasonable conclusions. Students will enhance their critical thinking skills through topics such as data collection, organization of data (including graphical representation, probability, and probability distributions), and hypothesis testing. Practical examples are used throughout the course. Prerequisite—Algebra I, Geometry, and Department Consent  
(Also offered as an independent study.)

Pre-Calculus                                      9-12                                      Elective/Honors                      1 Unit Credit

Pre-Calculus uses and applies material from a number of branches of mathematics previously studied and makes connections between them. The course gives students experience in using the algebra and analytic geometry needed for the study of Calculus. Emphasis is also placed on the functions, identities, and applications of trigonometry. Prerequisite—Advanced Algebra/Trig. and Department Consent

Advanced Placement Calculus AB      11-12                                      Elective/Honors                      1 Unit Credit

Calculus is designed to give students experience in a college level mathematics course, in order to prepare them for first semester Calculus. Topics include limits, derivatives, integration, areas of regions with curved boundaries, and solids of revolution. This course gives the student an intuitive understanding of the concepts of calculus and experience with its methods and applications. Students will be given the option of taking the Advanced Placement Calculus AB exam. Prerequisite—Department Consent



## PHYSICAL EDUCATION/HEALTH

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
<b>Lifetime Fitness and Health (1)</b>	<b>Christian Sexuality (1/2)</b>	Strength Training (1/2)	Strength Training (1/2)
Athlete PE (1/2)	Athlete PE (1/2)	Hi-Comp Sports (1/2)	Hi-Comp Sports (1/2)
		Co-Ed Lifetime Fitness (1/2)	Co-Ed Lifetime Fitness (1/2)
		Athlete PE (1/2)	Athlete PE (1/2)

Note: Courses in bold are required for graduation.

Women's Lifetime Fitness & Health                      9-12                      Required                      1 Unit Credit

Men's Lifetime Fitness & Health                      9-12                      Required                      1 Unit Credit

This full year course explores the areas of physical fitness, nutrition and stress management in a classroom and active participation environment. Concepts of study include hypokinetic diseases, resting heart rate, health related concepts, skill related concepts, fitness target zones, weight control, eating disorders, nutrition and food consumption, overload principle, the principle of specificity, the principle of progression, etc.

Women's Christian Sexuality                      10-12                      Required                      1/2 Unit Credit

Men's Christian Sexuality                      10-12                      Required                      1/2 Unit Credit

This course uncovers the God-given special uniqueness of our female and male sexuality. Students will study, learn and understand the Biblical foundations of sexuality, the definition of male and female sexuality, the interactive relationship of female and male, understanding the differences between infatuation and love, the purposes and time of sex, premarital abstinence, sexually transmitted diseases, and emotions. Special emphasis is placed on God's design for both male and female.

High-Comp Team Sports                      11-12                      Elective                      1/2 Unit Credit

This semester course is open to a maximum of 24 juniors and seniors who consider themselves willing and capable of competing in team sports with a highly competitive attitude and effort on a daily basis. Those students considering this course should already possess an excellent level of physical skills, will be expected to participate under Christian sportsmanship at all times, and will be expected to apply the knowledge and rules of each game as a participant and also as an official. The following list of activities are typically chosen: badminton, basketball, flag football, lacrosse, pickle-ball, soccer, softball, speedball, team handball, volleyball, or any other reasonably selected team sports.

Prerequisite—Department Consent

Co-ed Lifetime Activities                      11-12                      Elective                      1/2 Unit Credit

This semester course is open to a maximum of 16 juniors and seniors. The students participating in this course will learn rules and strategies and physically participate in developing their skills in the following lifetime activities: archery, badminton, bowling, golf, pickle-ball and tennis. The students will be expected to supply their own clubs for golf, and racquet and balls for tennis. Prerequisite—Department Consent.

Strength Training 11-12 Elective 1/2 or 1 Unit Credit

This course is open to a maximum of 15 students. The main objectives of this course are to learn and practice the proper techniques of strength training, gain strength, and know the musculature of the human body. Students may choose to take this course for one semester (1/2 unit credit) or all year, earning a maximum of 1 credit. Prerequisite—Department Consent

Athlete P.E. 9-12 Elective 1/2 Unit Credit

Students who participate in an athletic activity or activities (football, softball, soccer, cross country, volleyball, basketball, wrestling, baseball, track, tennis, or cheerleading) may earn a ½ credit of P.E. for participation in athletics for the school year. It is also then required that the athlete trains in his/her off-season on Mondays, Wednesdays, and Fridays during the academic lab period. For example:

Student A (volleyball) (basketball) (track) = ½ credit

Student B (football) (training) (baseball) = ½ credit

Student C (training) (training) (track) = ½ credit

Student D (training) (training) (gets cut from baseball, then does training) = ½ credit

### PRACTICAL ARTS / COMPUTERS

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
<b>Computer Applications (1/2)</b>	Computer Programming (1/2)	Computer Programming (1/2)	Computer Programming (1/2)
	Web Design (1/2)	Web Design (1/2)	Web Design (1/2)
	Advanced Web Design (1/2)	Advanced Web Design (1/2)	Advanced Web Design (1/2)
		Video Editing (1/2)	Video Editing (1/2)
<b>Computer Applications (1/2)</b>	Web Design (1/2)	Computer Programming (1/2)	Computer Programming (1/2)
AND	Advanced Web Design (1/2)	Web Design (1/2)	Web Design (1/2)
Computer Programming (1/2)	Video Editing (1/2)	Advanced Web Design (1/2)	Advanced Web Design (1/2)
		Video Editing (1/2)	Video Editing (1/2)

Note: Courses in bold are required for graduation.

Computer Applications                      9-12                      Required                      1/2 Unit Credit  
 This course presents the student with the fundamentals of using popular productivity applications. Microsoft Office is used to teach the student how to do word processing (Microsoft Word), spreadsheets (Microsoft Excel), and presentations (Microsoft PowerPoint). While learning how to use Word, the student is also instructed in the touch-typing method. Using the Internet and World Wide Web for information retrieval is also part of the class. Students may test out of Computer Applications.

Web Design and Publishing                      10-12                      Elective                      1/2 Unit Credit  
 This course introduces the student to the world of coding web pages. Students begin with a detailed explanation of the inter-workings of the Internet and progress to HTML coding using CSS (Cascading Style Sheets). Students are able to view their work via the campus network and learn to design for different browsers on multiple platforms. Although not directly related to Introduction to Computer Programming, concepts learned in that course transfer to this practical application of computer programming. Prerequisite—Computer Programming and Department Consent

Advanced Web Design and Publishing                      10-12                      Elective                      1/2 Unit Credit  
 Extending upon knowledge learned in the first course, Advanced Web Design students will use their skills in real world situations. Students will learn about FTP (File Transfer Protocol) and publish to existing websites such as denverlhs.org and other current projects. Combining the areas of print design and computer/web programming, students will learn the finer points of designing eye-catching websites using table-less design and advanced CSS techniques. Other curricular objectives include advanced web technologies such as basic JavaScript and Flash animation. Prerequisite—Web Design and Publishing, Introduction to Computer Graphics, and Department Consent.

Introduction to Computer Programming                      9-12                      Elective                      1/2 Unit Credit  
 This course covers the fundamentals of computer programming and logical command sequence and is designed to develop students’ abilities to critically solve problems. Based in C++, this course includes the basics of programming commands, functions, and data structures. Prerequisite—Computer Applications and Department Consent

**SCIENCE**

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
	Fundamentals of Biology (1)	Physical Science (1)	Chemistry (1)
Biology (1)	Chemistry (1)	Physics (1)	
Biology (1)	Chemistry (1)	Physics (1)	Advanced Science (1)

Fundamentals of Biology                      9-12                      Alternative                      1 Unit Credit  
 Fundamentals of Biology is a general survey course in the life sciences and is not as rigorous as Biology I. Topics include plants, animals, ecology, natural history genetics, and studies in cell function. Scheduled lab activities include hands-on work with microscopes, dissection, and other selected topics. Weekly news events in biology are also examined. Prerequisite—Department Consent.

Biology I 9-12 Elective 1 Unit Credit  
 Biology I is a general survey course in the life sciences. Students will survey the following topics: organic chemistry, cellular structure, genetics, zoology, human anatomy, botany, ecology, and taxonomy. Scheduled lab activities include hands-on work with microscopes, dissection, selected animal topics, botany and genetics.

Advanced Science 11-12 Elective/Honors 1 Unit Credit  
 Advanced Science is a composite course that includes but is not limited to organic chemistry, biochemistry, marine biology, and mineralogy. The second semester marine biology portion includes individual original research. Prerequisite—Biology, Chemistry, and Department Consent.

Chemistry 10-12 Elective 1 Unit Credit  
 Chemistry is concerned with the structure of the atom and the ways in which atoms act on each other to produce chemical substances. The course deals with atomic structure, molecular structure and shape, physical state behaviors, and specifics such as acid-base behavior, oxidation-reduction, and the basics of organic chemistry. Prerequisite—Department Consent

Physical Science 9-12 Elective 1 Unit Credit  
 Physical Science is designed to acquaint students with a wide variety of subjects, including meteorology, geology, physics, chemistry, astronomy, oceanography, mineralogy, aviation, aeronautics, engineering, and energy-related topics. Each of the mentioned areas is treated briefly during the year in order to expose students to as broad a spectrum as possible. Prerequisite—Biology I or Fundamentals of Biology and Department Consent

Physics 11-12 Elective 1 Unit Credit  
 Physics explores relationships between matter and energy. Special topics include motion, mechanics, wave behaviors and electricity. Special emphasis is placed on problem solving. Light, sound and nuclear character are also described. Prerequisite—Biology and Department Consent

## **SOCIAL SCIENCE**

Course selection can be constructed in the following manner:

<b>Freshmen</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
<b>World Geography (1/2)</b>	<b>World History (1)</b>	<b>US History (1)</b>	<b>Government (1/2)</b> 20 <sup>th</sup> Century (1/2) Psychology (1)
<b>World Geography (1/2)</b>	<b>US History (1)</b>	<b>World History (1)</b> <b>Government (1/2)</b> 20 <sup>th</sup> Century (1/2)	<b>Government (1/2)</b> 20 <sup>th</sup> Century (1/2) Psychology (1)

Note: Courses in bold are required for graduation.

World Geography 9-12 Required 1/2 Unit Credit  
 This course helps students explore the world in which they live by focusing on space, resources, and people. It helps students learn about the major regions of the world and shows the students how the various countries developed politically, economically and socially.

World History 10-12 Required 1 Unit Credit  
 The World History course is a survey of the social, political, economic and religious forces that have shaped the world. Its scope is from the earliest written records to the twentieth century. It follows a chronological rather than a topical approach.

United States History 10-12 Required 1 Unit Credit  
 The United States History course covers the events of our nation’s growth and development from the days of the earliest explorers to the present time. The course provides knowledge and duties of citizenship and also prepares the students for the challenges of higher education.

American Government 11-12 Required 1/2 Unit Credit  
 This course surveys the principles, structure and powers of American government as it applies to the citizen today. It includes topics on how our government works and our responsibilities as citizens within that government. Prerequisite—1<sup>st</sup> semester of U.S. History must be completed.

Twentieth Century and Today 11-12 Elective 1/2 Unit Credit  
 This course focuses on events and forces that have affected the United States in the late 1900s and into current times. Economic, political and social forces will be studied from a domestic and international perspective. This course allows further study of events in the United States after the Cold War and a look at economic conditions and political forces that have affected the American people to the present time. Prerequisite—1<sup>st</sup> semester of U.S. History must be completed.

Psychology 11-12 Elective 1 Unit Credit  
 Psychology is the science and profession concerned with the behavior of humans and animals. In addition to presenting the content and terminology of the discipline, the course of general psychology gives students the opportunity to develop methods of learning and study; to prepare for parenthood, family life, and careers; and to learn about the range of services provided by psychologists. Students will explore the theories and assertions that are open to question and modification in the light of new information. Students will be challenged to relate psychological concepts to their own lives, especially in light of a Christian worldview perspective.

**THEOLOGY**

Course selection can be constructed in the following manner:

Freshmen	Sophomore	Junior	Senior
<b>Bible I (1)</b> (Old Testament, Apologetics Intro, Hebrews)	<b>Bible II (1)</b> (Life of Christ, Acts, Pauline Epistles)	<b>Bible III (1)</b> (Apologetics, Christian Doctrine, Early Church History, Comparative Religions)	<b>Bible IV (1)</b> (Marriage & Family, Gospel of John, Worldviews, Decision-making)

Note: A semester of Bible is required for each semester in attendance at DLHS.

Bible I 9 Required 1 Unit Credit

This course begins with an overview of the reliability of the Bible as God's Word. Students will follow the chronological history of the Old Testament, beginning with creation and ending with the return of Israel from exile. Students are clearly shown how the Old Testament relates to the New Testament, with special attention paid to comparing the sacrificial system of Israel with the sacrifice of Jesus Christ.

Bible II 10 Required 1 Unit Credit

The first semester focuses on the life and times of Jesus. The Gospels (*Matthew, Mark, Luke & John*) are used in this study, with special emphasis given to the book of *Matthew*. Emphasis is placed on Old Testament prophecy, and the person and life of Jesus. The second semester revolves around the early church, using the book of *Acts*, with special emphasis on Pentecost, and Paul's missionary journeys. A study of Paul's letters to the early churches (*Galatians, Ephesians, Philippians, and Colossians*) conclude the year.

Bible III 11 Required 1 Unit Credit

Bible III covers a wide variety of topics, starting with an extensive look into Christian apologetics. Christian doctrine is taught through the book of Romans. Other topics include, but are not limited to church history, a history of Lutheranism, other Christian denominations, world religions, cults, and controversial issues.

Bible IV 12 Required 1 Unit Credit

Bible IV focuses on the development of discerning disciples. Based on Colossians 2:8 and on Romans 12:2, the goal of this course is to help students recognize that the world has hollow and deceptive philosophies. By renewing their minds, students might become discerning disciples of the Lord Jesus Christ. Topics include Genesis, I Corinthians, decision-making, ethics, suffering, marriage, budgeting, family, and Revelation.

## **MISCELLANEOUS**

Teacher Assistant 11-12 Elective 1/2 Unit Credit

A maximum of one unit credit (2 semesters) may be earned during the 4 years of high school by serving as a student assistant to a teacher in a class, in the library or in the school offices. The student will perform tasks that provide hands on training in a variety of vocational areas such as office and business management, education and media. Before registering, the student must apply and secure permission from the school staff member who will supervise the assistantship. Once approved and registered, the assistant will be expected to serve each day that school is in session during the semester. Assistants will be scheduled in the class periods they are expected to serve. If the staff member has no specific duties for the assistant on a given day, the student remains with the staff member and uses the time to work on personal assignments. Evaluations will be given quarterly and at the end of the semester. A student may have only one Teacher Assistant position per semester. Prerequisite—Staff approval

Orange Lutheran Online 11-12 Elective 1/2 or 1 Unit Credit

Denver Lutheran High School partners with Orange County Lutheran High School to provide online courses for students who desire to take a course that is not being offered during a given academic school year. Students may take an OLO course which runs for 9 weeks to receive a 1/2 high school credit. Choice of courses will be determined prior to the school year. OLO courses are of no extra cost

to students, but do require the purchase of a textbook. Writing Seminar, Economics, Music Appreciation, and Contemporary Math were offered during the 2007-2008 school year.

Online College Courses                      11-12                      Elective                      1/2 or 1 Unit Credit  
Denver Lutheran High School partners with the University of Phoenix and Axia College to provide online college courses that advanced students may take for dual high school and college credit. One nine-week course counts as 1/2 high school credit and 1 college credit. Students must pay for these courses. DLHS is exploring different avenues for college credit for the 2007-2008 school year.

### **2007-2008 Changes**

**Change:            Drop English III.**

*Rationale:        Non-honors juniors will take English electives (predominantly British Literature (1/2) and Public Speaking (1/2)) Ease of scheduling is also a factor.*

**Change:            British Literature will be a required semester class for non-Honors juniors or seniors. (Note: Not required for '08 graduates.)**

*Rationale:        British Literature is already a part of the juniors honors English curriculum. Non-honors English students would still get a taste of British Literature.*

**Change:            Public Speaking will be a required semester class for all non-honors/AP English juniors or seniors. (Note: Not required for '08 graduates.)**

*Rationale:        Students should not graduate DLHS without instruction on how to publicly speak. Public Speaking will also become a part of the Honors English curriculum.*

**Change:            Add freshmen Honors English.**

*Rationale:        This course will meet the needs of the academically gifted freshmen in the area of English. (Note: Qualifying procedures will combine a recommendation with placement test results, a grammar/punctuation test, and a written essay.)*

**Change:            Add Introduction to Art as a required semester course. (Note: Not required for '08, '09, '10 graduates.)**

*Rationale:        Every DLHS student will graduate with the basics in a wide array of art skills and knowledge. It will replace drawing, ceramics, or crafts in the freshmen schedule.*

**Change:** Change the required Art credits from .5 to 1. (Not required for '08, '09, '10 graduates.)

*Rationale:* Introduction to Art is required, and students should have to take at least one other art/music elective.

**Change:** Drop Health and change "Men/Women's Concepts of Lifetime Fitness" to "Men/Women's Lifetime Fitness and Health." (note: Health would still be offered to sophomores in 07-08.)

*Rationale:* Fitness and Health have traditionally overlapped with the same material.

**Change:** Adjust the required Social Studies credits from 3.5 to 3. (Note: Effective for all returning students.)

*Rationale:* Current course offerings do not meet the 3.5 requirement. Ease of scheduling is also a factor.

**Change:** Rename "Popular Literature" to "Christian Literature."

*Rationale:* This elective will most likely be offered next year.

### **2008-2009 Changes**

**Change:** Junior Honors English will become Advanced Placement Language and Composition.

*Rationale:* This will provide Honors English students with a bigger challenge and a chance to earn college credit by scoring well on the AP exam.

**Change:** Public Speaking is required for all 2011 and future graduates.

*Rationale:* Please see previous rationale in 200-2008 changes.