



DBCS High School Course Descriptions 2016-2017

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Course Descriptions 2016-2017

TABLE OF CONTENTS

High School Grade Placement	Page 1
GPA Calculation	Page 1
Class Weight Chart	Page 1
Denbigh's Diplomas	Page 2
Course Descriptions	Pages 3 – 9
Bible Classes	Page 3
English Classes	Pages 3 – 5
Required English Classes	Pages 3-4
Elective English Classes	Pages 4-5
Social Studies Classes	Page 5
Spanish Classes	Page 5
Fine Arts Classes	Page 6
Art Classes	Page 6
Music Classes	Page 6
Mathematics Classes	Page 7
AP Math Classes	Pages 7,8
Dual Credit Math Classes	Pages 7,8
Physical Education/Health	Page 8
Science Classes	Pages 8-9
Career Education	Page 9
Education Internship	Page 9

This booklet is not meant to supersede the “DBCS Student Handbook”, where academic policies and procedures are officially addressed. It is meant simply to provide a quick review of salient components of the DBCS curriculum in order to aid parents and students when they are selecting courses for the coming year.

High School Grade Placement

High School Credits

High school credits are issued on a semester basis, with .5 credits representing one semester's work for one period per day. The high school utilizes a seven period day. Classes meet for 18 weeks (2 quarters) or 36 weeks (four quarters) depending upon the course. Classes are passed or failed by semester. Students are promoted or retained in the previous grade's homeroom based upon number of credits earned.

The classification is as follows:

Class	Credits Earned
Sophomore	4
Junior	10
Senior	16

GPA

A student's GPA is calculated on a 4.0 scale. The class rank is obtained using a weighted GPA. If a course is taken twice, both grades are counted in determining rank and GPA. However, no more than one credit per course can be earned, with the exception of Choir and Elective P.E.

Grading Scale

Numeric Grade	Letter Grade	Verbal Equivalent	Grade Point
93-100	A	Excellent	4.0
85-92	B	Good	3.0
76-84	C	Average	2.0
70-75	D	Minimum Pass	1.0
0-69	F	Failure	0

While numerical percentage grades appear on the transcript, letter grades are used to calculate the grade point average that is used in class ranking.

Class Weighting

Class	4.0 Scale	Class	4.0 Scale	Class	4.0
AP Calculus	+1.0	Anatomy	+ .5	Spanish 3	+ .5
AP Statistics	+1.0	Genetics	+ .5	Hon. Eng 9	+ .5
Algebra2Adv	+ .5	Physics	+ .5	HonEng 10	+ .5
College Alg.	+ .5	Chemistry	+ .5	HonEng 11	+ .5
Pre-Calc	+ .5	AP Bio	+1.0	HonEng 12	+ .5
		AP Eng 12	+1.0		

Internship Grading Scale

Letter Grade	Numeric Equivalent	Verbal Equivalent
EP	93-100	Excellent Pass
HP	85-92	High Pass
AP	76-84	Average Pass
LP	70-75	Low Pass
F	0-69	Failure

For a more comprehensive discussion of academic policies and procedures, please see the **Academics** section of the DBCS Student Handbook

**Denbigh Baptist Christian School
Diploma Comparison
Grade 9**

General Diploma	Advanced Diploma
Bible	Bible
English 9	English 9
World History	World History
Physical Science	Physical Education 10
Algebra I, IB, or Geometry	Algebra I, IB, or Geometry
Physical Education	Physical Science
Spanish I, II, or Elective or Study Hall	Spanish I, II, or Elective

Grade 10

General Diploma	Advanced Diploma
Bible	Bible
English 10 or Honors English 10	English 10 or Honors English 10
Biology	Biology
Algebra I, Geometry, Alg.2/Alg2Adv.	Geometry, Algebra 2, Algebra 2 Adv.
Physical Education 10	Physical Education 10
Elective	Spanish I, II, or III
Elective or Study Hall	Elective

Grade 11

General Diploma	Advanced Diploma
Bible	Bible
English 11 or Honors English 11	English 11 or Honors English 11
U.S. History	U.S. History
Math or Science Elective	Science Elective
Elective	Spanish II or III
Elective	Math Class if Algebra 2 not completed
Elective or Study Hall	Elective or Study Hall

Grade 12

General Diploma	Advanced Diploma
Christian Worldview	Christian Worldview
English 12, Hon. English 12, or AP English 12	English 12, Hon. English 12, or AP English 12
U.S. Government or Hon. U.S. Government	U.S. Government or Hon. U.S. Government
Elective	Math or Science Elective
Elective	Spanish III
Elective or Study Hall	Elective
Elective or Study Hall	Elective or Study Hall

Minimum total credits: 22

Minimum total credits: 25

Assumptions Made in these Tables

1. All courses are passed the first time around
2. Algebra I is completed in the ninth grade
3. The Advanced Diploma ALSO requires a 3.0 GPA
4. No foreign language is required to GRADUATE from DBCS, but three years ARE required for the Advanced Diploma
5. The general Diploma requires 2 years of math, 2 years of science, and one additional year of either one. The Advanced Diploma requires 3 years of math through Algebra 2, and 3 years of science, one of which must be chosen from Chemistry, Physics, Anatomy, Genetics, or AP Biology, plus a fourth credit in either math OR science.

Bible Classes

One class in Bible is required every year a student is enrolled at DBCS. A failed Bible class must be made up during the summer the course was failed.

In the interest of putting our faith into action, a certain number of community service hours are required each quarter. The parameters for such are outlined at the beginning of each school year, and are included on the syllabus of the course.

Bible 9-11 Grades 9-11 (Required)

Pre-requisite: freshman, sophomore, or junior standing

Bible classes are taught on a rotating basis using the Bob Jones series "Biblical Truths" The courses are topical, not sequential. A different course is taught each year to all freshman, sophomore, and junior Bible classes. This allows for maximum flexibility in other areas of our schedule.

Bible 12 Christian Worldview (Required)

Pre-requisite: senior standing

The foundational course, *Understanding the Times*, published by Summit Ministries, presents students with the various philosophies they are likely to encounter once they graduate from DBCS, and the biblical responses to such.

English Classes

English is required every year, either the standard course, the honors course, or the AP course. A failed English class must be repeated in summer school before the next year, as these classes are sequential, and it is assumed that the student has attained the necessary skills from the previous year's class to tackle new material

English department electives, such as Creative Writing, Speech and Drama, or Yearbook, do NOT substitute for the grade-level English class.

Please note that summer reading is required for ALL of our English classes. The reading list will be available online.

Class Sequences for English

- 1. Honors English begins in the ninth grade**
- 2. Students with grades of 90 or above may advance to an Honors section.**
- 3. AP English 12 is by invitation only. Generally, those students have a minimum grade of 93 in Honors English 11, and are perceived to be ready for college level work in English.**

Required English Classes

English 9: Composition and Literature (Required)

Pre-requisite: freshman standing

English 9 is a study of literature, along with the skills and mechanics of composition. The traditional literary genres, including short fiction, poetry, the novel, and drama are examined. Paragraph and essay construction, as well as reading and research skills are continued. A research paper is required.

Honors English 9(Required)

Pre-Requisite: freshman standing, a 90 or better average in English 8 and recommendation of the instructor.

Honors English 9 is an introduction to the different genres of literature, including short stories, poetry, plays, and novels, with an emphasis on western masterpieces. Grammar and writing skills are reinforced through direct instruction and writing assignments.

English 10/Honors English 10: World Literature(Required)

Pre-requisite: successful completion of English 9 Honors: Successful completion of English 9 with a grade of 90 or better, and recommendation of instructor

English 10 is an introduction to various world literatures ranging from ancient to contemporary works. Classical, western, and non-western masterpieces are emphasized. Writing and composition skills are reinforced.

English 11: American Literature (Required)

Pre-requisite: successful completion of English 10 or Honors English 10

English 11 is a chronological survey of American literature with continued development of composition skills. A research project is required.

Honors English 11: American Literature (Required)

Pre-requisite: a grade of 90 or better in either English 10 or Honors English 10, and recommendation of instructor

Honors English 11 is an in-depth survey of American literature which emphasizes literary analysis and essay construction. A literary research paper is required.

English 12: British Literature (Required)

Pre-requisite: Successful completion of English 11 and senior standing

English 12 is a chronological survey of British Literature, along with continued refinement of students' composition and writing skills. A research paper is required.

AP English Literature and Composition (Required)

Pre-Requisite: Honors English 11, senior standing, and permission of instructor

AP English Literature and Composition is designed to provide students with a learning experience equivalent to the introductory year of college literature. Students are engaged in reading a wide variety of books and poetry of British and American authors, with an emphasis on critical analysis to help them strengthen and deepen their understanding of the ways different writers use language to provide meaning and pleasure to their readers.

Elective English Classes

Creative Writing I (Grades 10-12)

Pre-requisites: sophomore standing and a C or better in the previous year's English class.

Creative Writing introduces students to the art of forming sketches, plays, short stories, and poems. Students journal, read outstanding examples of creative writing, practice reading original work aloud, and develop a working portfolio. *This class is offered if and only if there is sufficient demand.*

Creative Writing II (Grades 10-12)

Pre-requisites: Completion of Creative Writing I and recommendation of instructor

Creative Writing II is a continuation of Creative Writing I. It is for the student who is serious about writing. *This class is offered if and only if there is sufficient demand.*

Speech (Grades 10-12)

Pre-requisite: C or better in the previous year's English class.

The Speech and Dramatic Interpretation class is a combination class as the two subjects are so closely related. In order to present drama properly, it is important to first know the basics of public speaking. Speech is an integral part of the dramatic process. Projection, eye contact, volume, pitch, etc., all play a part of both speech and drama; they go hand-in-hand. The topics of speeches are made to be both fun and educational. Speeches include those of introduction, demonstration, persuasion, narration, and information. It also includes reading children's books to the class with character voices. Works of oral interpretation are also covered in Speech class along with informal speaking each Friday using the the "one minute box" format, which hones creative skills and the ability to think fast!

Drama (Grades 10-12)

Drama class moves from the "alone" of speech to the "group" of drama while preparing for the spring musical. This class combines musical and dramatic skills. The basics of drama and staging are covered in class. Students try out for parts, learn choreography, music, and lines, build sets and scenery, and learn of make-up and costuming. Ultimately we work toward a spring performance of the school musical.

Videography (Grades 11 and 12) (Pre-requisite: Permission of Instructor)

This class meets with Mr. Fletcher before school, and occasionally, after. The purpose of the class is learn techniques of film-making and editing. This class presents the “Denbigh Minute” weekly before chapel. (This course is not graded on a standard grading scale.)

Yearbook (Grades 11 and 12)

Pre-requisite: Application and Permission of Instructor

Students participate in the production of the DBCS yearbook, The Musket. This includes layout, copy, and elements of desktop publishing. (This course is not graded on a standard grading scale.)

Social Studies

DBCS requires three years of social studies for graduation: World History, U.S. History, and U.S. Government and Economics. World history is generally taken in the ninth grade, U.S. History in the eleventh, and U.S. Government and Economics in the twelfth.

World History (Grade 9)

Pre-requisite: freshman standing

A survey of world history form ancient civilizations through modern times.

U. S. History 11 (Required)

Pre-requisite: junior standing

A survey of the history of the United States from colonization through the end of the twentieth century.

U.S. Government (Required)

Pre-requisite: senior standing

A survey of the government of the United States with an emphasis on the United States Constitution.

Foreign Language

Most colleges prefer three years of a single foreign language, or two of two foreign languages. Please notice below the grade requirements to progress from one level of Spanish to the next. If a student makes a passing grade that isn't sufficient to warrant promotion to the next level, the student will still receive credit for the course. If the student repeats the course, the better grade will be averaged into the GPA, but only one year of credit will be awarded.

Grades Required to Progress to the Next Level

Spanish 1	A minimum grade of “C” in English 8
Spanish 2	A minimum grade of “C” in Spanish I
Spanish 3	A minimum grade of “C” in Spanish II

Spanish 1 (Grades 9-11)

Pre-requisite: B or better in English 7, C or better in English 8 or tenth grade standing

Spanish I is an introduction the Spanish language and the diversity of the Spanish speaking world. Emphasis is placed on oral communication and cultural awareness supplemented by grammar and vocabulary. Students learn to read and express themselves in writing. Some research projects will be required.

Spanish 2 (Grades 9 – 12)

Pre-requisite: C or better in Spanish 1

Spanish 2 is a continuation of methods used in Spanish 1. Emphasis is placed on improving oral proficiency through an in-depth study of grammar and vocabulary. Reading and writing skills are reinforced. Cultural awareness is expanded, and research projects will be required.

Spanish 3 (Grades 10 – 12)

Pre-requisite: B or better in Spanish 2

Spanish 3 is a continuation of Spanish 2, with increased emphasis on proficiency in all areas of speaking, listening, reading and writing. Cultural material is expanded to include reading classic literary works, and about contemporary problems. Some research projects and several dialogues will be required.

Fine Arts Art

Formal education in art is necessary for students considering careers in Studio Art, Interior Design, Fashion Design, Graphic Design, Architecture, and Art Education. (No, it isn't all done on computers!) Skill in artistic endeavors will enhance the quality of life for the student throughout his/her life, whether or not it is his/her primary vocation!

Art 1 (Grades 9 -12)

Pre-requisite: freshman standing and a desire to work hard

Vocabulary, tests, sketch books, and an art criticism paper are all part of this course. Art 1 is an introductory course that surveys many processes, tools, and techniques used in studio art. The elements and principles of art are taught through a variety of these processes, such as drawing, painting, and printmaking. European Art History from 1300-1600, as well as art criticism and aesthetics are surveyed.

Art 2 (Grades 10 -12)

Pre-requisite: C or better in Art 1, and a desire to work even harder

Art 2 continues the study of the elements and principles of design through more expressive techniques, employing balance, unity rhythm, and proportion. The study of Art History focuses on the eighteenth century and the Hudson River School. Skills in art criticism and aesthetics are refined.

Art 3 (Grades 11- 12)

Pre-requisite: B or better in Art 2

This class groups the students who are more interested in pursuing an art career or developing a portfolio. Students continue their study of painting, printmaking, drawing, and sculpture. This course gives students more choice in media and subject matter, and requires more independent work. Students will study and write a paper on one major artist in whom they have interest.

Advanced Studio Art (Drawing)

Pre-requisite: Art 2, permission of instructor, and conference with parents

There are three parts to the portfolio the student constructs for this class:

Quality: Five exceptional pieces of work

Breadth – Twelve pieces of work using various media in the drawing field

Concentration – Twelve pieces all interconnected by a theme

The achievement of a drawing portfolio is for the self-motivated and self-directed who are able to stick to a schedule and not put work off until the last minute.

This "course" is for the very artistically talented and creative who are thinking about majoring in an art field. This is for independent students with the art teacher acting more as a coach and guide.

A meeting of the prospective student and his/her parents with the art teacher is a must. It is preferred that this meeting be held during the last quarter of the year before this course is undertaken.

All of our art classes seek to glorify God by teaching students to use their gifts in the visual arts to express truth and/or beauty.

Music

As with art, music can enhance the student's quality of life throughout his/her life. Any student planning to major in music at the collegiate level should be skilled in reading music, and be familiar with the keyboard. Ear training, as is taught in our choir classes, is also a huge asset, as well as the invaluable experience gained by performing in an ensemble setting.

Choir

Pre-requisite: Ability to carry a tune, and a desire to work hard in order to glorify God with your vocal talent, and to represent our school well.

This is a performance based class providing the students a variety of music ministry venues through local concerts and tours. The students will study ear-training and sight-singing as a means to improve their vocal skills. Grades are based on tests and participation in performances. Concert attire is required, and is purchased by the student.

Mathematics Courses

Most colleges require a *minimum* of three years of college preparatory mathematics. College preparatory mathematics is defined as Algebra I, Geometry, and Algebra 2. More mathematics is required for students planning to pursue careers in mathematics, science, (including pre-med, pre-dental, and pre-vet) engineering, business, behavioral science and economics.

Common Mathematics Sequences

Course Taken	Next Course
Algebra I	Geometry or Algebra 2
Geometry	Algebra 2 or Algebra 2/Trig
Algebra 2	College Algebra or Geometry,
Algebra 2/Trig/College Algebra	Pre-Calculus/AP Statistics
PreCalculus	AP Calculus

Dual Credit Mathematics Courses

DBCS offers four mathematics courses that we teach dual credit with Colorado Christian University. The fee is \$200.00 per course, and the student enrolls online. All courses are taken for three semester hours of credit. The dual credit courses are labeled in the text below.

Algebra I (Grade 9) (Required)

Pre-requisite: freshman standing and successful completion of a pre-algebra class.

This course covers elementary algebra including simple equations, polynomials, quadratic equations, graphic linear equations, and solving systems for linear equations, quadratic relations and functions, radicals; giving the student techniques to solve everyday problems.

Geometry (Grades 9-12) (Required)

Pre-Requisite: Satisfactory grade in Algebra I or IB

Geometry is a deductive study of Euclidean Geometry. It is primarily plane geometry with some introduction to space and coordinate geometry. Basic geometric definitions, measurements and analytic proofs are included.

Algebra 2 (Grades 10-12) (Required if 3rd science class not taken)

Pre-requisite: Grade of C or better in Algebra I or Geometry

Algebra 2 is a one-year study of intermediate algebra. The course includes a review of elementary algebra. New topics studied are polynomial and rational functions, proper order matrices, quadratic equations, polynomial and rational functions, logarithms and exponential functions, complex numbers and sequences and series.

Algebra 2/Trig (Grades 10-12) (Required if 3rd science class not taken)

Pre-requisite: A or B in Algebra I and Geometry, and teacher recommendation

Algebra 2 Advanced is a course for students capable of successfully mastering the material of Algebra 2 and Trigonometry in one year. It moves!

College Algebra* (Dual Credit with CCU, 3SH)

Pre-requisite: Algebra I, Geometry, Algebra 2 or Algebra 2 Advanced, all with grades of C or better

This course includes one semester of trigonometry and one semester of PreCalculus.

Pre-Calculus* (*Pre-requisite: B in Algebra 2 Advanced or College Algebra*) (Dual Credit with CCU, 3SH)

Pre-Calculus I presents topics in college algebra, matrices and determinants, and algebraic, exponential and logarithmic functions. Pre-Calculus II presents topics in trigonometry, analytic geometry, and sequences and series.

AP Statistics* *Pre-Requisite: Algebra 2/Trig (Dual credit with CCU, 3SH)*

This course presents an overview of statistics, including descriptive statistics, elementary probability, probability distributions, estimation, hypothesis testing, and correlation and regression.

AP Calculus AB* (Dual credit with CCU, 3SH)

Pre-requisite: B or better in Pre-Calculus

This course presents the calculus of algebraic and trigonometric functions, including the study of limits and continuity, derivatives, differentials, and an introduction to integration which includes definite and indefinite integrals. Analytic geometry is integrated into this course as are applications of the derivative and definite integral.

Physical Education

All freshmen and sophomores are expected to take Physical Education 9 and Physical Education 10 in their first and second years of high school with one exception. Students who plan to take music or art classes for four years may defer Physical Education classes until the tenth and eleventh grades, respectively.

Tenth grade physical education class affords sophomore students the *opportunity* to take Driver's Education during one quarter. Should students choose not to avail themselves of that opportunity, they will remain in a physical education class for that quarter.

Physical Education 9 (Required)

Pre-requisite: 9th grade standing

Physical Education is required for all freshmen. Physical education and classroom instruction in health related topics alternate weekly. A P.E. uniform, available through the school, is required for participation in physical education activities. ***Fine arts students who plan to take four years of either art or choir may defer P.E. until the tenth and eleventh grades.***

Physical Education 10/ First Aid/Driver's Education (Required)

Pre-requisite: 10th grade standing

The classroom portion of Driver's Education is offered during once during the year, depending upon demand. The other three quarters alternate two quarters of physical education with one quarter of classroom instruction in Basic Red Cross First Aid. *Students who elect **not** to take Driver's Education in tenth grade will remain in a physical education class for that quarter.*

Physical Education Elective (Grades 11 and 12)

Pre-requisite: 11th or 12th grade standing

This class further gives students an opportunity to work out daily at Planet Fitness. PF membership is required; students are graded on number of days attended.

Science Common Science Class Sequences

Class From	Class To
Physical Science	Biology
Biology	Genetics or Anatomy
Biology & Algebra 2*	Chemistry
Chemistry & Biology	AP Biology
Physical Science & Pre-Calculus**	Physics

****Algebra 2 may be taken as a co-requisite, if absolutely necessary. It is definitely not preferred.***

*****Preferred. Algebra 2 Advanced absolute minimum pre-requisite, with Pre-Calculus as a co-requisite can be allowed. It will be very difficult, however.***

Physical Science (Grade 9) Required

Pre-requisite: Ninth grade standing

This is an introductory survey course of basic chemical and physical principles with emphasis on the relationships between science and math, as well as the importance of science in everyday life. This course includes a laboratory

Biology (Grade 10)

Pre-requisite: Successful completion of physical science

This course is a survey of cellular biology, unicellular, and multi-cellular organisms. Students refine microscope and dissection techniques introduced in Life Science, 7th grade.

Marine Biology (Grades 11-12)

Marine biology is the scientific study of organisms in the ocean or other marine bodies of water, as well as the influences of the environment upon these organisms. **Marine Biology is planned for 2016-2017**

Anatomy and Physiology (Grades 11 and 12)

Pre-requisite: A "C" or better in Biology

A comprehensive coverage of human anatomy and physiology. Study of body parts and how they function. *Genetics and Anatomy and Physiology are alternated yearly. **Anatomy is not planned for 2016-2017***

AP Biology (Grade 12)

Pre-requisite: B or better Biology, C or better in Chemistry

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course, usually taken by biology majors during their freshman year. *(This course is offered if there is enough interest and personnel to staff it.)*

Chemistry (Grades 11 and 12)

Pre-requisite: Physical Science, Algebra 2

This course surveys a full range of basic chemical concepts. Laboratory skills in handling equipment, using chemical techniques, and data analysis are developed in concert with lecture topics. This course begins with a survey of matter and its combination. The atomic model is investigated and related to the periodic table. The first semester concludes as topics of bonding, formulas, and reactions and stoichiometry are related. Second semester delves into specific topical areas, such as gases, liquids, solids, acids, bases, salts, and reaction energy.

Physics (Grade 12)

Pre-requisite: Physical Science and Algebra 2/Trig, minimum. Pre-Calculus is much preferred, and needs to be taken as a co-requisite at the very least. Calculus is the preferred co-requisite.

This is a non-calculus based course intended for seniors due to the heavy mathematics content of the course. Topics include mechanics, thermal energy, electric and magnetic fields, optics, quantum and nuclear physics.

CAREER EDUCATION

Education Internship

Do you enjoy working with children? Is babysitting one of those jobs where you exclaim "They actually pay me to do this!" Are you considering a career in elementary education/child development? For one class period per day, you would work with one or two elementary/early childhood classes under the direct supervision of an elementary/early childhood teacher. Activities and duties would vary with the class. If interested, talk to Mr. Fletcher about becoming an elementary/early childhood intern. (This course is not graded on a standard grading scale.)

Additional Points

If a class is designated "*will be offered if there is sufficient demand and/or personnel*", and your student is interested in taking that class, it will be listed on his/her registration form. At that time, a second choice class will also be listed, in case the first choice class is not offered.

Course schedules, that is, the *order* in which your student will actually take classes will be available during the summer. Whether they will be mailed with a newsletter, or advertised on the web for pick-up has yet to be determined. Eligibility for a class that requires a certain grade will be based on the final report card.