

COURSE DESCRIPTION BOOK

2008-2009



BISHOP EUSTACE PREPARATORY SCHOOL

Program of Studies - Overview by year

In examining the courses listed in this booklet, it is helpful to know the course requirements for the freshman, sophomore, junior and senior year at Bishop Eustace.

Freshman Course Requirements

All freshmen are required to enroll in the equivalent of seven year long courses. This requirement includes two semesters of Theology, English 1, World History and Cultures, Mathematics, Science (usually Biology), Latin or a World Language, Physical Education and Health. In mathematics, two levels of the course are offered. Students are placed in the proper level based on previous grades and standardized achievement test results.

Sophomore Course Requirements

All sophomores are required to enroll in the equivalent of seven year long courses. This requirement usually includes two semesters of Theology, English 2, United States History 1, Mathematics, Science (usually Biology); Latin 2 or a World Language and Physical Education and Driver Education.

Junior Course Requirements

All juniors are required to enroll in the equivalent of six yearlong courses plus a one-semester course in Health Education. This requirement usually includes two semesters of Theology, English 3, United States History 2, Mathematics and a Science.

The sixth course requirement may be selected from among the electives available in English, History and Social Sciences, Mathematics, Science, World Language and Latin, and Interdisciplinary Studies.

Juniors are also enrolled in an eight cycle Introduction to College Selection Program.

Senior Course Requirements

All seniors must enroll in the equivalent of six year long courses plus a semester course in Health Education. This requirement usually includes two semesters of Theology, English and Fine and Performing Arts.

The remainder of the requirements may be selected from among the electives available in English, History and Social Sciences, Mathematics, Science, World Language and Latin and Interdisciplinary Studies.

All seniors are also enrolled in a one-quarter College Planning Course.

The combinations of disciplines listed below are recommendations for students who wish to major in the designated areas. Specific college admissions requirements may differ and this factor should also enter into the selection process.

Engineering

English 4
Social Studies 3
Mathematics 4
Science 4 (Lab 3)
Languages 2 to 4

Science

English 4
Social Studies 3
Mathematics 4
Science 4 (Lab 3)
Languages 2 to 4

Nursing

English 4
Social Studies 3
Mathematics 4
Science 3 (Lab 2)
Languages 2 to 4

Business

English 4
Social Studies 3
Mathematics 4
Science 3 (Lab 2)
Languages 2 to 4

Liberal Arts

English 4
Social Studies 4
Mathematics 3 or 4
Science 3 (Lab 2)
Languages 3 or 4

Communications

English 4
Social Studies 4
Mathematics 3
Science 3 (Lab 2)
Languages 3 or 4

Law

English 4
Social Studies 4
Mathematics 3 or 4
Science 3 (Lab 2)
Languages 3 or 4

Social Sciences

English 4
Social Studies 4
Mathematics 3 or 4
Science 3 (Lab 2)
Languages 3 or 4

<u>Course No.</u>	<u>Course Title</u>	<u>Credits</u>
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INTRODUCTION

A guiding principle determining the mathematics curriculum is that all Bishop Eustace students are planning to go to college. With this in mind, the courses and content have been selected to meet the needs and abilities of such students. The courses and content are in harmony with the recommendations of various curriculum study groups, such as the Mathematical Association of America and the National Council of Teachers of Mathematics Commission on Standards for School Mathematics.

The mathematics courses are offered at two levels:

Honors: the level for students who have a high aptitude for mathematics; are highly motivated; and have the ability to work independently. Students enrolled in honors courses are expected to be able to handle more than average workloads, greater complexity of applications and more emphasis on theory. Successful completion of the honors program could prepare a student to take an Advanced Placement test in Calculus and possibly receive college credit for part of the high school work.

College Prep: the level for most Bishop Eustace students. Successful completion of this program should prepare a student for those college majors that require further study of mathematics at the college level.

Initial placement into the levels is determined by standardized test scores and previous scholastic record. Further placement and alternate possibilities are determined by performance in previous mathematics courses, standardized test scores, recommendation of previous math teachers, and consideration of the student's application.

