

**COLLEGE PREPARATORY COURSE  
PREREQUISITE REQUIREMENTS  
EFFECTIVE DATE: ACADEMIC YEAR 2003-2004**

**FOUR UNITS OF ENGLISH:** At least two units must have strong grammar and composition components, at least one must be in **English literature**, and at least one must be in **American literature**. Completion of **College Preparatory English I, II, III, and IV** will meet this criterion.

**THREE UNITS OF MATHEMATICS:** These include **Algebra I** (for which **Applied Mathematics I and II** may count together as a substitute if a student successfully completes **Algebra II**), **Algebra II**, and **Geometry**. **A fourth higher-level mathematics course is strongly recommended.** The fourth course should be selected from among **algebra III/trigonometry, precalculus, calculus, statistics, or discrete mathematics**.

**THREE UNITS OF LABORATORY SCIENCE:** Two units must be taken in two different fields and selected from among **biology, chemistry, or physics**. The third unit may be from the same field as one of the first two units (**biology, chemistry, or physics**) or from **any laboratory science** for which **biology** and/or **chemistry** is a **prerequisite**. Courses in earth science, general physical science, or introductory or general environmental science for which biology and/or chemistry is **not** a prerequisite will not meet this requirement. It is strongly recommended that students take physical science (taught as a laboratory science) as a **prerequisite** to the three required units of laboratory science outlined in the section.

**TWO UNITS OF THE SAME FOREIGN LANGUAGE**

**THREE UNITS OF SOCIAL SCIENCE:** One unit of **U.S. History** is required; a half unit of **Economics** and a half unit in **Government** are strongly recommended.

**FOUR UNITS OF ELECTIVES:** Four college preparatory units must be taken from at least **three** different fields selected from among **Computer Science, English, Fine Arts, Foreign Languages, Humanities, Laboratory Science (excluding earth science, general physical science, general environmental science or other introductory science courses for which biology and/or chemistry is not a prerequisite), Mathematics above the level of Algebra II, and Social Sciences**. It is suggested that one unit be in **Computer Science** which includes programming (i.e., not just keyboarding) and one unit in **Fine Arts** (appreciation of, history, or performance).

**ONE UNIT OF PHYSICAL EDUCATION OR ROTC**

**NOTE:** Each institution may make exceptions in admitting 1) students who do not meet all of the prerequisites, limited to those individual cases in which the failure to meet one or more prerequisites is due to circumstances beyond the reasonable control of the student or 2) students who have taken the Tech Prep (Applied Academics) courses rather than the required college preparatory curriculum described above and who meet all other institutional admissions criteria.