



The Providence Country Day School

GLOBAL CAMPUS

Dual Diploma Program

Metiscenter Course Offering Description

LAR3105-A English I A (0.5 credit)

LAR3105-B English I B (0.5 credit)

English I has been designed to integrate all aspects of Language Arts standards into engaging and interactive units organized around reading, writing, and comprehension skills. Students will dissect and analyze the basic elements of plot, setting, mood, character development, narrative devices, theme, and author's perspective in a variety of literary genres. Students will analyze and synthesize information from different texts, including graphic aids. Students will write in a variety of modes and tap into the power of research as they deepen their understanding of a variety of topics. Throughout this year-long course, students will also reinforce skills that support the study of other disciplines such as science, math, world languages, and social studies.

LAR3205-A English II A (0.5 credit)

LAR3205-B English II B (0.5 credit)

This course expands on skills gained in English I. Students will analyze a wide variety of world literature from ancient to contemporary literary periods, examining author's style and voice. Students will critique arguments, establish patterns of persuasion, and delve into the language of poetry, history, and culture by way of Greek tragedy and Medieval romance.

Prerequisite: English I (recommended).

MAR3011-A Precalculus A (0.5 credit)

MAR3011-B Precalculus B (0.5 credit)

In the Precalculus course students will be presented with a comprehensive study of functions and move into an analysis of rudimentary calculus concepts, such as the difference quotient and the notion of "taking a limit." In addition to introducing students to terminology and concepts essential to the study of calculus, this course will also help develop reasoning and analytical skills that may be applied to problems in the real world. Familiarity with these topics is especially important for students intending to study calculus, physics or other sciences, and engineering in college.

Required Physical Materials:

An online graphing calculator - Choose from one of the following:

- Symbolab - <https://www.symbolab.com/graphing-calculator>
- Mathway - <https://www.mathway.com/graph>
- GeoGebra - <https://www.geogebra.org/graphing?lang=en>
- Desmos - <https://www.desmos.com/calculator>

SNR3002-A Biology A (0.5 credit)

SNR3002-B Biology B (0.5 credit)

Biology is the science of life or living matter in all its forms and phenomena, including its origin, growth, reproduction, structure, and behavior. Throughout this course, students will investigate the relationship between structure and function and apply it to the study of topics such as molecules, cells, organisms, and biological systems. They will learn how the human body works and what makes living things unique. Students will also learn about the interdependence and interactions of biotic and



abiotic components of the environment, and about mechanisms that maintain continuity and lead to changes in populations over time.

SSR3009-A World History A (0.5 credit)

SSR3009-B World History B (0.5 credit)

World History expands upon basic skills and knowledge acquired from previous history and social studies courses. Throughout this year-long course, students will examine important world civilizations from different eras, continents, and regions. Students will study ancient civilizations in the cradles of civilization, including Mesopotamian civilizations in the Fertile Crescent. The course also traces the rise and fall of important empires or dynasties in Egypt, China, India, Africa, and the Middle East. Students trace the causes and effects of colonization; slavery; global trade; economic systems; international diplomacy; political, economic, and social revolutions; and military conflicts, as well as how they helped to shape the modern world.

NCAA Approved Courses

To be successful in college, students need to be prepared for college coursework. In [Division I](#) and [Division II](#), the National Collegiate Athletic Association (NCAA) sets academic initial-eligibility standards that take into account GPA, standardized test scores, core courses taken in high school and the grades earned in those core courses. [Division III](#) schools hold student-athletes to the same overall standards for the institution in which they're enrolling. All student-athletes also must meet the unique acceptance requirements of the college or university they plan to attend (which may exceed NCAA standards).

Not all high school classes count as NCAA core courses. Only classes in English, math (Algebra 1 or higher), natural or physical science, social science, foreign language, comparative religion, or philosophy **may be approved** as NCAA core courses. Remedial classes and classes completed through credit-by-exam are not considered NCAA core courses.

***Please refer to course names in previous sections of the catalog for exact naming convention to be used when registering for courses.**

PCDGC has received approval from the NCAA for the following courses:

Algebra I	Algebra II	Biology	Chemistry
Economics	English I	English II	Environmental Science
Geometry	Marine Science (DD)	Physics	Precalculus
Psychology (DD)	Renewable Energy (DD)	Space Exploration (DD)	
Statistics	U.S. Government	U.S. History	World Geography and Cultures
World History			

