

**DAMIEN MEMORIAL SCHOOL  
2009 SUMMER HIGH SCHOOL PROGRAM  
COURSE DESCRIPTIONS**

**ALGEBRA I; 1 CREDIT**

- **General Description**
  - A basic course in first level algebra. Topics studied include first-degree equalities and inequalities, polynomials, exponents, radicals, factoring, absolute values, and practical applications. Computer based instruction is used. Calculator required.
- **Entry skills / Prerequisite**
  - Basic math, including addition, subtraction, multiplication and division, as well as, fractions, percents, decimals, whole numbers and ratios. Also, a willingness to learn abstract expressions, accept responsibility for daily homework, and create a strong math applications foundation. Successful completion of a Pre-Algebra course recommended
- **Exit Skills**
  - The student will be knowledgeable in linear equations and inequalities, factoring, absolute values, functions, systems of linear equations, algebraic fractions, and basic word problems solving skills.

**GEOMETRY 1; 1 CREDIT**

- **General Description**
  - A basic course in geometry. Topics studied include relationships between geometric figures, the Pythagorean Theorem, areas of planar and solid figures, volumes and similarity of figures. Calculator required.
- **Entry skills/ Prerequisite**
  - Satisfactory completion of Algebra I.
- **Exit Skills**
  - The student will be knowledgeable in geometric figures, parallelism, congruence, polygons, quadrilaterals, similarity, right triangle analysis, coordinate geometry, circles, areas, volumes and perimeters.

## **GEOMETRY (HONORS); 1 CREDIT**

### **General Description**

- This geometry course is designed for honors level college preparatory students with strong math and algebra skills. Successful students will be more prepared for career pursuits in engineering, the sciences, mathematics, or other quantitatively oriented field. In addition, the course will cover postulates, theorems, proofs, areas of polygonal and circular regions, and applications of geometric principles to everyday life. Algebraic principles are used extensively. Special features include: critical thinking, collaborative learning, and mathematical reasoning and data analysis. Calculator required.

### **Entry skills/ Prerequisite**

- Successful completion of Algebra 1 Honors or equivalent

### **Exit Skills**

- The student will be knowledgeable in geometric figures, parallelism, congruence, polygons, quadrilaterals, similarity, right triangle analysis, coordinate geometry, circles, areas, volumes, perimeters, plane and solid figure comparisons, application of algebraic principles and geometric principles in everyday life.

## **COMPUTER TECH I; 1/2 CREDIT**

### **General Description**

- An introductory course covering basic to intermediate skills in word processing, spreadsheets, slideshow presentation creation, HTML (web pages), Photoshop and other related technologies. This course will include time to engage in keyboarding drills to improve typing speed and accuracy, as well as provide an overview of relevant computer hardware and peripheral terminology.

### **Entry Skills/Prerequisites**

- Satisfactory keyboarding/word processing skills; Genuine interest in computers and a motivation to learn.

### **Exit Skills**

- Awareness and knowledge of basic computing procedures and ethics regarding network (internet and intranet) usage; improved keyboarding accuracy and speed; fluency in basic word processing, spreadsheets and slideshow presentation creation; working knowledge of HTML, Photoshop, and related technologies.

## **COMPETITIVE PUBLIC SPEAKING: 1/2 CREDIT**

- **General Description**
  - The course stresses principles and practices necessary for the acquisition of basic communication skills for public speaking, argument, and debate. There is some consideration of contemporary and historical speeches and debates as models for improving the student's intra-personal and interpersonal communication skill set. Students learn to formulate and implement strategies for effective speech delivery and perform as facilitators of consumers of argument.
  
- **Entrance Skills**
  - Demonstrated written and oral skills at the high school English level; ability to incorporate ideas of others into their own work and properly identify and cite sources of information utilized in the development of both written and oral presentations
  
- **Exit Skills**
  - Students will be able to describe concepts of contemporary communication theory and utilize these concepts to explain how people process information as both senders and receivers; formulate and implement strategies for effective speaking by preparing, delivering, and evaluating speeches.

## **CREATIVE WRITING: 1/2 CREDIT**

- **General Description**
  - The course gives the students an open, creative environment to refine their creative writing skills in unison with the required English classes. This course allows students to explore and develop their ideas as well as investigating different ways of conveying meaning through writing to see how methods and styles vary according to context and need. This will be done through two major assignments: 1) Expository Essay, 2) Personal Narrative. Each assignment will be between four and five pages long.
  
- **Course Requirements**
  - Access to a computer and printer

## **HAWAIIAN HISTORY 1/2 CREDIT**

- **General Description**
  - This is the study of Hawaiian history from its volcanic beginnings to the present. It is a study of the culture of the islands and the changes brought to that culture by the many different waves of immigration. It is supplemented with films, outside reading and cultural projects.
- **Entry Skills/Prerequisites**
  - High School Standing
- **Exit Skills**
  - A working knowledge of Hawaii and the various cultures that reside here.

## **GOVERNMENT; 1/2 CREDIT;**

- **General Description**
  - This course is a detailed study of the Constitution, of State and Federal Governments, citizens' obligations and rights, and a study of the major challenges to the Constitution over the last fifty years.
- **Entry Skills/Prerequisites**
  - Successful completion of U.S. History or equivalent.
- **Exit Skills**
  - A working knowledge of state and federal government, an ability to analyze political rhetoric and situations, and a basic understanding of the rights and obligations of the citizen.

## **SAT PREP; 1/2 CREDIT**

- **General Description**

- A test-taking skills course designed to teach strategies for successful performance on college entrance examinations. Students will enhance their proficiency on the verbal portions, improve critical reading skills, and increase their vocabulary knowledge. In the math portions, students will enhance techniques for maximized test results.

- **Entrance Skills**

- None

- **Exit Skills**

- Experience preparing for and taking standardized national achievement exams.