

IB MATH STUDIES

Grade level: 12

Prerequisite: Math Analysis

Description: The aims of this course are for the students to demonstrate fundamental features of mathematics and to expose students to the broad aspects of mathematics. Some of the areas involved include probability and statistics, functions, algorithms, equations, vectors, operations of matrices, and basic trigonometry. An in-depth special project is required.

Text

Mathematics for the International Student: Mathematical Studies SL, Haese and Harris

Materials:

3 ring binder

3 types of paper:

Lined paper (college or wide ruled)

Unlined typing or copier paper

Graph paper

Pencils or Pens (no red ink)

2 colored pens (other than blue or black)

Calculator:

Graphing calculator (TI-84 Plus basic or silver edition is recommended)

Grading Scale:

A 90-100

B 80-89

C 70-79

D 60-69

F 0-59

Grades will be determined by the following weighted categories:

Project 10%

Assignments 20%

Tests and quizzes 70%

Makeup work: Homework – to be turned in as outlined in the student Code of Conduct
Tests – Will be made up the next attended class period.