

Sydney Academy Teacher Communication Plan 2009-2010
Advanced Math 12IB/ Math 11IB

Teacher: Sandy Urquhart

Text: Nelson: Mathematical Modeling, Book 3,

Haese and Harriss: Mathematics for the International Student

Course Overview:

This academic course is a 2 credit math course designed to provide students the opportunity to gain a deeper understanding of math and to acquire the skills required to succeed in university math preparatory courses such as Calculus 12, Math 12 IB Standard Level, or Math Studies 12 IB. This course is uniquely designed for students planning to pursue a university education in the sciences. The course will cover material on Quadratic Equations, Exponential Growth, Circle Geometry, Probability, and an introduction to Calculus.

This is a demanding course. Students should be spending at least an hour per day on homework for this mathematics course. A graphing calculator, if affordable, would be useful for students who go on to university math. However, one will be provided for use in class when required in this course. We use the Texas Instruments TI-83 or TI-83 plus.

Students absent from class, for any reason, are **still held responsible** for the work missed during that time. Excellent attendance has proved absolutely essential to most students' success in this course.

Course Evaluation:

Advanced Math 12 IB:

Tests and In Class Assignments	50%
Midterm Comprehensive Test	20%
Final Provincial Exam	30%

Math 11 IB:

Tests and In Class Assignments:	50%
Midterm Comprehensive Test:	20%
Final Exam (all material):	30%

Student Assessment:

The mid-term report card for this semester will be sent home in mid November. It is based on all tests and assignments to that date. The parent teacher sessions for this semester will be Nov. 19, 20.

Parents/ Guardians wishing further information regarding their child's progress may contact me personally through the school at 562-5464 or surquhart@staff.ednet.ns.ca. Thank you.

Student's name: _____

Parent(s)/Guardian(s) Signature: _____

