**GSACRD - ILearn Services:  Math 30-2**

**Course Outline**

**Course Description:**

Mathematics 30-2 follows  Mathematics 20-2 and is based on the Western Canadian Protocol.  Topics include Set Theory, Permutations and Combinations,  Probability, Rational Expressions and Equations, Polynomial Functions,  Exponential and Logarithmic Functions and  Sinusoidal Data.  An optional Internet resource provided by ADLC for diploma exam study is www.exambank.com.  (Contact the math teacher for a username and password.)  Alberta Education requires each student to complete a project.

**Course Resources:**

Online Lessons - Need to be printed

Principles of Mathematics 12 Textbook and Workbook

**Student Evaluation:**

Teacher Assessed Assignments: 40%

Unit Exams: 60%

**Course Outline:**

Unit 1: Set Theory - September 4th - 17th

Unit 2: Counting Methods - September 18th - October 2nd

Unit 3: Probability - October 3rd - October 19th

Unit 4: Rational Expressions - October 20th - November 4th

Unit 5: Polynomial Functions - November 5th - November 19th

Unit 6: Exponential Functions - November 20th - December 4th

Unit 7: Logarithmic Functions - December 5th - December 19th

Unit 8: Sinusoidal Functions December 20th - January 15th

Project: Throughout the Course

Diploma Examination