

Department of Mathematical Sciences
Math 1131 - Mathematics for Native Access 2009-2010

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Requirements:

Text: Basic College Mathematics: An Applied Approach 8th Ed. by Richard N. Aufmann,
Vernon C. Barker and Joanne S. Lockwood, Houghton Mifflin Company, 2003

Calculator: Sharp EL-520W or a Sharp EL-531W

Subject Description:

Continues on from Math 1130. Topics include: Solving equations; formula manipulation; measurement, including the English and metric systems; and descriptive statistics, including graphs and measures of central tendency. Examples drawn from native art and culture will be incorporated as appropriate. The students will write and present papers on topics relating mathematics and Aboriginal culture.

Topics:

Solving Equations
Formula Manipulation
Measurement - English & Metric
Circle & Bar Graphs
Statistical Measures

Evaluation:

Three tests:

Test #1	Solving Equations Formula	15%
Test #2	English Measurement Measurement Numbers Metric Measurement	15%
Test #3	Circle & Bar Graphs Statistical Measures	15%
Presentations relating Mathematics and Aboriginal Culture		20%
Final Exam (covers entire course)		35%
		<hr/> 100%