MATHEMATICS 10-3
MAT1793
5 Credit Course

Course Overview	Mathematics 10-3 is for students planning to enter the majority of trades or the workforce immediately after high school. This course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.
Prerequisite	*Please refer to Alberta Education's Provincially Authorized Senior High School Courses and Course Codes Document*
Required Materials & Resources	• Four Modules and Four Assignment Books • Scientific calculator • No textbook is required
Learning Outcomes	*The student will develop:* A. spatial sense through direct and indirect measurement B. spatial sense C. number sense and critical thinking skills D. algebraic reasoning
Note	***Within Alternative Education all teachers are required to follow a common course outline and gradebook set up.***
Assessment	The student's grade is determined by the knowledge the student has acquired based on the program of studies and the skills the student is able to show in articulating his or her knowledge. The student's grade will be calculated based on the following: **Coursework –25%** **Quizzes – 25%** **Midterm – 25%** **Final Exam – 25%**
Topics of Study	**MODULE** **TITLE** **1** *Money Math* *Personal Finances* **2** *Linear Measurements* *Measurement* **3** *2D and 3D Measurements* *Lines, Angles and Shapes* **4** *Pythagorean Theorem and Right Triangles* *Introduction to Trigonometry*
An Important Note About Assessment	A wide range of assessment information is used in the development of a student's final grade. Within Alternative Education, individualized assessments provide specific information regarding student progress and overall performance in the course. Student assessments may vary from student to student to adapt to differences in student needs, learning styles, preferences and paces. The teacher will apply best teaching practices to determine appropriate assessment.

TEACHER'S CONTACT INFORMATION:
Teacher's Name:
Teacher's Phone Number:
Teacher's Email Address: