



**MATHEMATICS 30-3**

**MAT3793**

**5 Credit Course**

<b>Course Overview</b>	Math 30-3 is the final course in the dash 3 stream. It was designed for students planning to enter the majority of trades or the workforce immediately after high school.														
<b>Prerequisite</b>	<i>Please refer to Alberta Education's Provincially Authorized Senior High School Courses and Course Codes Document</i>														
<b>Required Materials &amp; Resources</b>	<ul style="list-style-type: none"> <li>• Six Modules and Six Assignment Books</li> <li>• Scientific calculator</li> <li>• Textbook – Mathworks 12</li> </ul>														
<b>Learning Outcomes</b>	<p><b>The student will develop:</b></p> <ul style="list-style-type: none"> <li>A. spatial sense through direct and indirect measurement</li> <li>B. spatial sense</li> <li>C. number sense and critical thinking skills</li> <li>D. algebraic reasoning</li> <li>E. statistical reasoning</li> <li>F. critical thinking skills related to uncertainty</li> </ul>														
<b>Note</b>	<b><i>Within Alternative Education all teachers are required to follow a common course outline and gradebook set up.</i></b>														
<b>Assessment</b>	<p>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.</p> <p>The student's grade will be calculated based on the following:</p> <p><b>Coursework –25%</b></p> <p><b>Quizzes – 25%</b></p> <p><b>Midterm – 25%</b></p> <p><b>Final Exam – 25%</b></p>														
<b>Topics of Study</b>	<table border="1"> <thead> <tr> <th>MODULE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><i>Introduction to Course and Probability</i></td> </tr> <tr> <td>2</td> <td><i>Graphing Statistics</i></td> </tr> <tr> <td>3</td> <td><i>Measurement</i></td> </tr> <tr> <td>4</td> <td><i>Trigonometry</i></td> </tr> <tr> <td>5</td> <td><i>2D and 3D Shapes</i></td> </tr> <tr> <td>6</td> <td><i>Small Business</i></td> </tr> </tbody> </table>	MODULE	TITLE	1	<i>Introduction to Course and Probability</i>	2	<i>Graphing Statistics</i>	3	<i>Measurement</i>	4	<i>Trigonometry</i>	5	<i>2D and 3D Shapes</i>	6	<i>Small Business</i>
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<b>An Important Note About Assessment</b>	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:**

<b>Teacher's Name:</b>	
<b>Teacher's Phone Number:</b>	
<b>Teacher's Email Address:</b>	