

COURSE OUTLINE

COURSE: GEOMETRY & MEASUREMENT [1522]

Module 1. GRADE 11 - ANALYTICAL GEOMETRY - STRAIGHT LINES [15221]

Lesson 1.	REVISION OF GRADE 10 CONCEPTS	[152211]
Lesson 2.	EQUATIONS OF STRAIGHT LINES	[152212]

Module 2. GRADE 11 – ANALYTICAL GEOMETRY – PARALLEL AND PERPENDICULAR LINES [15222]

Lesson 1. PARALLEL LINES	[152221]
Lesson 2. PERPENDICULAR LINES	[152222]

Module 3. GRADE 11 – ANALYTICAL GEOMETRY – ANGLE OF INCLINATION [15223]

Lesson 1. TANGENTS AND GRADIENTS [152231]

Module 4. GRADE 11 – ANALYTICAL GEOMETRY – DISTANCE AND MIDPOINT [15224]

Lesson 1. FINDING LENGTH OF LINES	[152241]
Lesson 2. FINDING THE MIDPOINT OF A LINE SEGMENT	[152242]

Module 5. GRADE 11 – ANALYTICAL GEOMETRY – HOW TO INCORPORATE ALL TOPICS [15225]

Lesson 1. A TYPICAL EXAM QUESTION [152251]

Module 6. GRADE 11 – EUCLIDEAN GEOMETRY & MEASUREMENT – CIRCLE GEOMETRY [15226]

Lesson 1. CHORD PROPERTIES	[152261]
Lesson 2. ANGLE PROPERTIES	[152262]
Lesson 3. CYCLIC QUADRILATERALS	[152263]
Lesson 4. TANGENTS	[152264]
Lesson 5 RIDERS	[152265]

Module 7. GRADE 11 – EUCLIDEAN GEOMETRY & MEASUREMENT – VOLUME AND SURFACE AREA [15227]

Lesson 1. PYRAMIDS	[152271]
Lesson 2. SPHERES AND CONES	[152272]
Lesson 3. SCALE FACTORS	[152273]