

# COURSE OUTLINE

## **COURSE: FUNCTIONS & ALGEBRA [1525]**

### Module 1. GRADE 11 – EXPONENTS AND SURDS [15251]

Lesson 1.	SIMPLIFY EXPRESSIONS	[152511]
Lesson 2.	ADD, SUBTRACT, MULTIPLY AND DIVIDE SIMPLE SURDS	[152512]
Lesson 3.	SOLVE SIMPLE FOUATIONS	[152513]

### Module 2. GRADE 11 – EQUATIONS AND INEQUALITIES [15252]

Lesson 1. COMPLETE THE SQUARE	[152521]
Lesson 2. QUADRATIC EQUATIONS	[152522]
Lesson 3. QUADRATIC INEQUALITIES	[152523]
Lesson 4. EQUATIONS IN TWO UNKNOWNS	[152524]
Lesson 5. NATURE OF ROOTS	[152525]

### Module 3. GRADE 11 – FUNCTIONS [15253]

Lesson 1. REVISION	[152531]
Lesson 2. THE AVERAGE GRADIENT BETWEEN TWO POINTS	[152532]
Lesson 3. POINT BY POINT PLOTTING	[152533]
Lesson 4. DRAW SKETCH GRAPHS	[152534]