

Mathematics B

COURSE OUTLINE

Category	Fundamental Sciences
Duration	15 Hours
Software	None
Recommended Prerequisites	None
Catalog Number	3136-0000

Lesson 1: Logic

Getting Started
 The Building Blocks of Logic
 Truth Tables
 Logical Arguments
 Practice
 Consolidation

Lesson 2: Set Theory

Getting Started
 Types of Sets
 Operations of Sets
 Consolidation

Lesson 3: Pythagorean Theorem, Perimeter and Area of Polygons and Circles

Getting Started
 Polygons
 Circles

Lesson 4: Volume and Surface Area

Getting Started

Surface Area

Practice

Lesson 5: Exponents

Introduction

Defining Exponents

Operations with Exponents

Practice

Comprehensive Post-Test