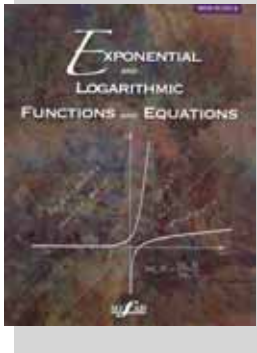


COURSE TITLE	PROGRAM	CODES	
Exponential and Logarithmic Functions and Equations	Mathematics	SAGE	SÉSAME
		MTH-5107-2	



INTRODUCTION

In this course, students study exponential and logarithmic functions and their characteristics (domain, range, increase, decrease, etc.), and learn to find the rules of these functions and of the inverse functions. Students also have an opportunity to develop their algebraic skills by applying the properties of logarithms. Lastly, students solve equations and problems involving exponential and logarithmic functions.

CONTENT

- Graphing Exponential Functions
- Rule of an Exponential Function
- Converting Exponential Expressions into Logarithmic Form, and Vice-Versa
- Graphing Logarithmic Functions
- Rule of a Logarithmic Function
- Inverse Functions of Logarithmic and Exponential Functions
- Applying the Laws of Logarithmic Calculation
- Solving Exponential and Logarithmic Equations
- Solving Problems Involving Exponential and Logarithmic Functions

TARGET POPULATION

Anyone who wishes to complete the Secondary V Mathematics program, which is equivalent to MTH-526 or MTH-536 courses in the youth sector.

PREREQUISITES

MTH-426 or MTH-436.

DURATION 50 hours

NUMBER OF CREDITS 2

ASSIGNMENTS

3

WEIGHTING

33 1/3%

CORRECTION TIME

An estimated 20 minutes for each assignment, including written explanations and comments.

EVALUATION A supervised ministerial examination in an adult education centre.
Passing mark: 60%.

MATERIALS**ADULT EDUCATION CENTRES**

CODE	ITEM	PRICE
8-1529-01	Guide Exponential and Logarithmic Functions and Equations MTH-5107-2 (520 p.)	15 \$

DISTANCE EDUCATION KIT

SOFAD PRODUCT CODE:	PRICE:
9-1529	23 \$
8-1529-01	Guide Exponential and Logarithmic Functions and Equations MTH-5107-2 (520 p.)
0-1529-50	Assignments B (3) Exponential and Logarithmic Functions and Equations MTH-5107-2

Note : Prices are subject to change at any time. Please visit our web site (www.sofad.qc.ca/catalogues) for current prices.

REMARKS**PRODUCTION**

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