

<b>EDUC 475 - 4 Designs for Learning: Elementary Mathematics</b>	
ST:Title	
Section D04.0	<b>Scheduled Final Exam Y/N:</b> <b>Enrollment:</b> 30

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**PREREQUISITE**

Educ 401/402

**COURSE DESCRIPTION**

This course is designed for prospective and practicing elementary school teachers who wish to explore some basic ideas in teaching and learning elementary mathematics. On completion of the course it is hoped that participants will be able to teach the prescribed curriculum in an interesting and varied fashion, and to plan, teach, and assess mathematics learning within a consistent framework.

Learning mathematics should be interesting, exciting and stimulating for students and teachers. Curriculum content and methods of teaching elementary mathematics continue to change. The concept of "numeracy" is receiving increased attention, greater emphasis is being placed on understanding mathematical ideas, and problem solving remains at the core of mathematical understanding.

Possible Topics:

- Σ Problem solving
- Σ Manipulatives
- Σ Number and number operations
- Σ Geometry

**OBJECTIVES**

**REQUIREMENTS**

**READINGS**

ISBN	Author	Publisher	Title	REQ	REC
0205-42077X	Van De Walle, John A.	Addison Wesley Longman, Inc. (2000)	Elementary & Middle School Mathematics: Teaching Developmentally (Canadian edition)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**Book Order Comments**

**Additional Information**