

Adult Basic Education (ABE)

Level III Mathematics

Mathematics 2102B

Interpreting Graphs/Banking and Budgeting

Study Guide

Resource: *Math at Work 11*. McGraw-Hill Ryerson. 2012. ISBN 13:978-125901237-2.

Level III General College Profile Mathematics (General)

Mathematics 1102A: Consumerism and Travel/Measuring Length/Measuring Area

Mathematics 1102B: Getting Paid/Angles

Mathematics 1102C: Pythagorean Relationship/Trigonometry

Mathematics 2102A: Surface Area/Drawing and Design/Volume and Capacity

Mathematics 2102B: Interpreting Graphs/Banking and Budgeting

Mathematics 2102C: Slope/Right Triangles and Trigonometry

Mathematics 3102A: Measurement and Probability/Data/Linear Relationships

Mathematics 3102B: Real-Life Decisions/Properties of Figures

Mathematics 3102C: Transformations/Trigonometry



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General Information

Introduction

Mathematics 2102B when completed with **Mathematics 2102A and C** is equivalent to the Newfoundland and Labrador senior high school **Mathematics 2202 (Applied)** course. Students must have successfully passed **Mathematics 2102A** in order to do this course.

Resources

The student resource for this course is: *Math at Work 11*. McGraw-Hill Ryerson. 2012. ISBN 13:978-125901237-2.

Your instructor may also supplement with other resources at his/her discretion.

Study Guide

This Study Guide is intended to make it possible for you to work independently in ABE. You may be able to work on your own for certain periods of time. All students doing this course in Newfoundland and Labrador use this Study Guide. Please ensure your instructor is aware of your progress in this Study Guide. Ask your instructor for assistance whenever you feel you need help.

The Study Guide is organized in two columns:

Required Work This column provides a list of all the work required to be completed for the course. Your instructor may supplement with additional items or make small changes to the required work as deemed appropriate.	Notes This column provides additional information that will help you complete the required work.
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Recommended Evaluation

Written Notes (Including all the Required Work)	10%
Assignments	30%
Tests/Quizzes	60%
Total	100%

Instructors have the discretion to make minor changes to this evaluation scheme.

Unit 1: Interpreting Graphs

Required Work	Required Notes
<p>1. Read pages 150-151, and then complete Get Ready, pages 152-153.</p> <p>2. Read pages 154-158, and then complete 1-5, pages 158-159.</p> <p>3. Read pages 160-162, and then complete 1-7, pages 163-165.</p> <p>4. Complete 1-5, pages 166-167.</p> <p>5. Read pages 168-173, and then complete 1-4, pages 174-175.</p> <p>6. Read pages 176-177, and then complete 1-5, pages 178-179.</p> <p>7. Complete 1-4, pages 180-181.</p> <p>8. Read pages 182-185, and then complete 1-5, pages 186-187.</p> <p>9. Read pages 188-189, and then complete 1-7, pages 190-193.</p> <p>10. Complete 1-4, pages 194-195.</p> <p>11. Complete Skill Check, pages 196-197.</p> <p>12. Assignment #1: Complete Test Yourself, pages 198-199.</p>	<p>Define discrete.</p> <p>Define histogram and continuous.</p> <p>Define trend, interpolate and extrapolate.</p> <p>This assignment will be graded and is part of the course evaluation.</p>

Unit 1: Interpreting Graphs

Required Work	Required Notes
13. Test #1: Your instructor will give you Test #1.	

Unit 2: Banking and Budgeting

Required Work	Required Notes
1. Read pages 202-203, and then complete Get Ready, pages 204-205.	
2. Read pages 206-209, and then complete 1-8, pages 210-211.	Define account, interest, service charges, bank statement, credit, debit, balance, ATM.
3. Complete 1-8, pages 212-213.	Define budget and balanced budget.
4. Read pages 214-217, and then complete 1-7, pages 218-221.	
5. Read pages 222-223, and then complete 1-5, pages 224-225.	Define GIC, term deposit, simple interest, future values and present value.
6. Complete 1-5, pages 226-227.	Define compound interest.
7. Read pages 228-231, and then complete 1-9, pages 232-233.	Define mutual fund.
8. Read pages 234-235, and then complete 1-6, pages 236-237.	
9. Complete 1-7, pages 237-238.	
10. Read pages 239-242, and then complete 1-10, pages 243-244.	
11. Read page 246, and then complete 1-11, pages 247-249.	
12. Complete 1-11, pages 250-251.	

Unit 2: Banking and Budgeting

Required Work	Required Notes
<p>13. Complete Skill Check, pages 252-253.</p> <p>14. Assignment #2: Complete Test Yourself, pages 254-255.</p> <p>15. Test #2: Your instructor will give you Test #2.</p> <p>16. Final Exam: Your instructor will give you the Final Exam on the entire course.</p>	<p>This assignment will be graded and is part of the course evaluation.</p>