

Adult Basic Education (ABE)

Level III Mathematics

Mathematics 1102B

Getting Paid/Angles

Study Guide

Resource: *Math at Work 10. McGraw-Hill Ryerson. 2011. ISBN 13:978-007109106-0.*

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 1102B when completed with **Mathematics 1102A and C** is equivalent to the Newfoundland and Labrador senior high school **Mathematics 1202 (Applied)** course. Students must have successfully passed **Mathematics 1102A** in order to do this course.

Resources

The student resource for this course is: *Math at Work 10. McGraw-Hill Ryerson. 2011. ISBN 13:978-007109106-0.* 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	Notes
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.	This column provides additional information that will help you complete the required work.

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: Getting Paid

Required Work	Required Notes
1. Complete Get Ready, pages 172-173.	
2. Read pages 174-177, and then complete 1-8, pages 178-179.	Define salary, hourly wage and gross pay.
3. Read pages 180-181, and then complete 1-7, pages 182-183.	Define overtime and shift premium.
4. Complete 1-7, pages 184-185.	
5. Read pages 186-189, and then complete 1-5, page 190.	Define deductions and net pay.
6. Read pages 191-193, and then complete 1-9, pages 194-195.	
7. Complete 1-8, pages 196-197.	
8. Read pages 200-201, and then complete 1-8, pages 202-203.	Define commission and bonus.
9. Read pages 204-205, and then complete 1-7, pages 206-207.	Define piecework and contract.
10. Complete 1-8, pages 208-209.	
11. Complete Skill Check, pages 210-213.	
12. Assignment #1: Complete Test Yourself, pages 214-215.	This assignment will be graded and is part of the course evaluation.

Unit 1: Getting Paid

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

Unit 2: Angles

Required Work	Required Notes
1. Complete Get Ready, pages 220-221.	
2. Read pages 224-225, and then complete 1-11, pages 226-227.	Define angle, obtuse angle and acute angle.
3. Read pages 228-229, and then complete 1-8, pages 230-231.	Define straight and reflex angles.
4. Complete 1-10, pages 232-233.	
5. Read pages 236-237, and then complete 1-8, pages 238-239.	
6. Read pages 240-241, and then complete 1-7, pages 242-243.	Define bisect and angle bisector.
7. Complete 1-9, pages 244-245.	
8. Read pages 248-249, and then complete 1-7, pages 250-251.	Define parallel lines, transversal, perpendicular lines, opposite angles, supplementary and complementary angles.
9. Read pages 252-253, and then complete 1-8, pages 254-255.	
10. Read pages 256-257, and then complete 1-7, pages 258-259.	Define corresponding angles, same side exterior angles, same side interior angles, alternate exterior angles and alternate interior angles.
11. Complete 1-8, pages 260-261.	
12. Read pages 262-265, and then complete 1-7, pages 266-267.	

Unit 2: Angles

Required Work	Required Notes
<p>13. Read pages 268-269, and then complete 1-6, pages 270-271.</p> <p>14. Complete 1-9, pages 272-273.</p> <p>15. Complete Skill Check, pages 274-275.</p> <p>16. Assignment #2: Complete Test Yourself, pages 276-277.</p> <p>17. Test #2: Your instructor will give you Test #2.</p> <p>18. 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>