

GRANDE PRAIRIE REGIONAL COLLEGE

ADULT DEVELOPMENT DEPARTMENT

COURSE OUTLINE

Course Name: Matter and Energy II (SC064)

Instructor: La Vern Stangeland office# - A107

Date: March - April 1991

Time: 12:30 - 2:25 p.m. Tuesday

Room: A 102

Materials: household items (The instructor will provide equipment for experiments.)

Text Book: Hands-on Science MATTER and ENERGY by Marilynne W. Mathias and Robert A. Johnson, Ph.D.

Course Expectations: Students are expected to complete the last five of the following units to receive credit for one block of science studies.

Unit 1 Matter and Molecules

Unit 2 The chemical nature of matter

Unit 3 Energy

Unit 4 Heat Energy

Unit 5 Mechanical energy

Unit 6 Electricity

Unit 7 Magnets and electricity

Unit 8 Light energy

Unit 9 Energy and sound

Unit 10 Energy in the future

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MATTER AND ENERGY II COURSE OUTLINE continued

Breakdown of students' marks for each unit

4 experiments (4x3%)-----	12%
Students must do at least one experiment in each unit. They may choose to observe three experiments	
chapter check-ups -----	20%
unit review -----	18%
Final Exam-----	<u>50%</u>
Total possible mark in this course-----	100%

Note: Students must have 50 % or better on all unit final exams to receive credit in this course.

Only experiments and final exams must be done in class, however students are encouraged to do chapter check-ups and unit reviews during class time.