SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

COURSE OUTLINE: RESEARCH REPORT

CODE NO.:   ELR 311 - 3

PROGRAM: ELECTRICAL/ELECTRONIC TECHNOLOGY

SEMESTER: SIX

DATE: JANUARY 1990

PREVIOUS
OUTLINE DATED: 1988

AUTHOR: R. MCTAGGART

NEW: _____ REV.: _____X_____

APPROVED: _____   ____90/01/31____
          CHAIRPERSON   DATE

RESEARCH REPORT   **ELR 311 - 3**
COURSE NAME   CODE NUMBER

TOTAL CREDIT HOURS: 45

PREREQUISITE(S):

PHILOSOPHY/GOALS:

THE RESEARCH REPORT IS INTENDED TO DEMONSTRATE THAT THE
STUDENTS CAN FUNCTION AT THE ENGINEERING TECHNOLOGY
LEVEL. THE PROJECT MAY BE A HARDWARE OR SOFTWARE SYSTEM
DEVELOPMENT OR OTHER APPROPRIATE RESEARCH AS AGREED UPON
BY A FACULTY ADVISOR.

STUDENT PERFORMANCE OBJECTIVES:

UPON SUCCESSFUL COMPLETION OF THIS COURSE, THE STUDENT
WILL BE ABLE TO:

1) RESEARCH AND PREPARE A DETAILED TECHNICAL REPORT.

2) DEMONSTRATE GOOD PROJECT MANAGEMENT SKILLS.

3) DESIGN, BUILD AND DEMONSTRATE A TECHNICAL PROJECT
   (IF APPLICABLE).

TOPICS TO BE COVERED:

AS APPROVED BY FACULTY ADVISOR.

RESEARCH REPORT
COURSE NAME

LEARNING ACTIVITIES	REQUIRED RESOURCES
RESEARCH AS REQUIRED BY INDIVIDUAL PROJECT/REPORT.	
THE STUDENT WILL MAINTAIN A DAILY LOGBOOK (PROJECT DIARY) AS A RECORD OF PROGRESS.	
PERIODIC STATUS REPORTS WILL BE SUBMITTED TO THE FACULTY ADVISOR TO ENSURE ADEQUATE PROGRESS IS BEING MADE TOWARD COMPLETION OF THE PROJECT	

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METHOD(S) OF EVALUATION

THE FINAL GRADE OF THIS COURSE WILL BE BASED ON

EVALUATIONS OF THE STUDENT'S FINAL REPORT, PROJECT

IMPLEMENTATION, AND MANAGEMENT SKILLS.

MARKING SCHEME: FINAL REPORT 50%

FUNCTIONABILITY 25%

DAILY LOG 10%

MANAGEMENT SKILLS 15%

THE GRADING SYSTEM USED WILL BE AS FOLLOWS:

A+ = 90 - 100% A = 80 - 89% B = 65 - 79% C = 55 - 64%

R REPEAT

REQUIRED STUDENT RESOURCES:

WILL VARY DEPENDING ON INDIVIDUAL PROJECTS.

ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE

LIBRARY BOOK SECTION:

SPECIAL NOTES:

STUDENTS WILL BE GIVEN A SCHEDULE AND FURTHER DETAILS

CONCERNING FORMATS FOR THE FINAL REPORT AND LOGBOOK

AFTER GROUP HAS FIRST MEETING.