

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: Integrated Projects
CODE NO. : NRT304-3 **SEMESTER:** 5
PROGRAM: Integrated Resource Technologist
AUTHOR: Jerry A. Zuchlinski, M.Sc.
DATE: June 2006 **PREVIOUS OUTLINE DATED:** June 2005
APPROVED:

	_____ DEAN	_____ DATE
TOTAL CREDITS:	6	
PREREQUISITE(S):	None	
HOURS/WEEK:	32 weeks	192

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For additional information, please contact C. Kirkwood, Dean
School of Technology, Skilled Trades, Natural Resources & Business
(705) 759-2554, Ext.2688

I. COURSE DESCRIPTION:

This course provides students with an opportunity to develop a variety of advanced skills in the planning, design, implementation, analysis and presentation of a large-scale natural resources project. These skills are achieved by completing all phases of a predetermined project in cooperation with and under the partial direction of a natural resource agency outside the college. Students will select from a number of projects that are put forward annually by agencies such as the Ministry of Natural Resources, Canadian Forestry Service, Great Lakes Fisheries, Fisheries and Oceans, Ontario Forest Research Institute and members of the private sector.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will demonstrate the ability to:

1. Demonstrate the ability to manage a large project.Potential Elements of the Performance:

- identify and schedule project time lines
- identify a clear and achievable reporting objective or hypothesis
- determine equipment and staffing required to complete the project
- develop data sheets and field procedures
- establish criteria for selecting sample sites
- determine the appropriate report format to meet the requirements of the agency
- prepare an overall plan for completing all aspects of the project

2. Demonstrate the ability to implement all the components of a large project.Potential Elements of the Performance:

- complete the various activities identified in the project plan including: meetings, field and/or lab work, data summarization and analysis, report preparation and presentation.
- coordinate the activities of any individuals which may be under your direction
- organize and facilitate appropriate meetings as required
- learn new skills as required to complete the project
- conduct a thorough literature search of the subject of the subject of study

3. **Demonstrate the ability to compile and analyze the results of the project.**

Potential Elements of the Performance:

- enter all data collected onto appropriate software
- summarize data in a statistical format
- compile and present data as appropriate tables and figures
- relate the results to other works as determined by the literature search

4. **Demonstrate the ability to the present the results of the project in both written and oral format.**

Potential Elements of the Performance:

- using word processing and other appropriate software, prepare a technical report that summarizes the relevance of the project, the procedures used to determine results and the significance of the findings of the project
- make an oral presentation of the results of the project to your peers, members of the agency involved and faculty

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

None

V. EVALUATION PROCESS/GRADING SYSTEM:

Operational plan	50%
Data collection	30%
Literature search	<u>20%</u>
TOTAL	100%

The following semester grades will be assigned to students:

Grade	<u>Definition</u>	<i>Grade Point Equivalent</i>
A+	90 – 100%	4.00
A	80 – 89%	3.00
B	70 - 79%	2.00
C	60 - 69%	1.00
D	50 – 59%	0.00
F (Fail)	49% and below	

CR (Credit) Credit for diploma requirements has been

	awarded.
S	Satisfactory achievement in field /clinical placement or non-graded subject area.
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.
NR	Grade not reported to Registrar's office.
W	Student has withdrawn from the course without academic penalty.

VI. SPECIAL NOTES:

Special Needs:

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your professor and/or the Special Needs office. Visit Room E1101 or call Extension 703 so that support services can be arranged for you.

Retention of Course Outlines:

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other postsecondary institutions.

Plagiarism:

Students should refer to the definition of “academic dishonesty” in *Student Rights and Responsibilities*. Students who engage in “academic dishonesty” will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course/program, as may be decided by the professor/dean. In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, it is the policy of the department to employ a documentation format for referencing source material.

Course Outline Amendments:

The professor reserves the right to change the information contained in this course outline depending on the needs of the learner and the availability of resources.

Substitute course information is available in the Registrar's office.

VII. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advanced credit in the course should consult the professor. Credit for prior learning will be given upon successful completion of a challenge exam or portfolio.

VIII. DIRECT CREDIT TRANSFERS:

Students who wish to apply for direct credit transfer (advanced standing) should obtain a direct credit transfer form from the Dean's secretary. Students will be required to provide a transcript and course outline related to the course in question.