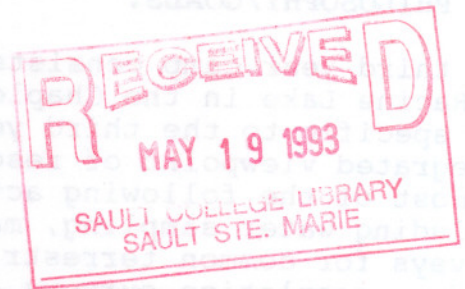


SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE



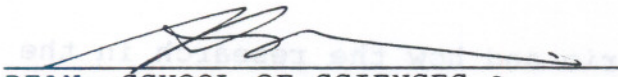
COURSE TITLE: THIRD YEAR FIELD CAMP

CODE NO.: FOR302-2 SEMESTER: V, VI

PROGRAM: INTEGRATED RESOURCE MANAGEMENT TECHNOLOGY,  
FISH AND WILDLIFE TECHNOLOGY

AUTHOR: HAROLD COOPER

DATE: MAY, 1993 PREVIOUS OUTLINE DATED: NEW

APPROVED:  DATE May 19/93.  
DEAN, SCHOOL OF SCIENCES & NATURAL RESOURCES

THIRD YEAR FIELD CAMP

FOR302-2

COURSE NAME

COURSE NUMBER

TOTAL CREDIT HOURS: 32

PREREQUISITE(S): FOR118-2 and FOR221-2

**I. PHILOSOPHY/GOALS:**

The third year camp consists of two weeks of practical training central at Racine Lake in the Chapleau Crown Game Preserve. Some activities are specific to the third year option but most activities provide an integrated viewpoint of resource management. Students will participate in most of the following activities: a comprehensive lake survey including water sampling, mapping and sample collection; habitat surveys for common terrestrial game species; small mammal trapping study; population surveys for selected species; tours of local forest industries and forest management sites; tree pruning and thinning exercise; radio-telemetry study; wetland study and improvement; tours and work (day(s) at local provincial park(s); and Park interpretation and operations demonstrations. Guest speakers on activities in the game preserve, enforcement and other natural resource-related topics make up evening events.

**II. STUDENT PERFORMANCE OBJECTIVES:**

Upon successful completion of this course the student will be able to:

1. Describe the major components of an aquatic survey, and demonstrate use of all appropriate equipment.
2. Demonstrate the ability to safely handle and maintain boats with outboard motors and canoes, as well as brush saws.
3. Demonstrate the ability to efficiently operate a van with a standard trailer.
4. Describe bear management in Ontario and how the research in the Chapleau Crown Game Preserve fits into this management scheme.
5. Conduct population surveys for grouse and small mammalian species.
6. Describe preferred habitat and perform habitat evaluation techniques for bear, moose and grouse.
7. Describe the operation and maintenance activities of a Provincial Park.
8. Demonstrate an understanding of the role of forest industries in timber management activities.
9. Describe proper procedures for plantation thinning and pruning, and demonstrate the ability to utilize brush saws as one method to do so.
10. Describe proper enforcement procedures for performing vehicle searches, etc.
11. Participate in seminars, workshops put on by guest speakers from

THIRD YEAR FIELD CAMP

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COURSE NAME

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II. STUDENT PERFORMANCE OBJECTIVES (continued):

In addition, students in the *Fish and Wildlife* program will be able to:

1. Perform a comprehensive lake survey including water sampling, mapping and sample collections.
2. Operate a radio-telemetry receiver to track radio-collared bear.
3. Demonstrate ability to perform a wetland evaluation.

Students in the *Integrated Resource Management* program will be able to:

1. Perform various work activities in a local provincial park.
2. Prepare and present an interpretive presentation based on history of the area.
3. Participate in guided tours of local forest management areas and perform management exercises where required.

III. TOPICS TO BE COVERED:

The following list indicates principle activities that normally take place annually. Other integrated activities may be added as they arise in the Chapleau area or in the Chapleau Crown Game Preserve itself. Some of these exercises are not taken by all students of both programs.

Activities	Fish & Wildlife Program	Integrated Resource Management Program
Aquatic Survey	Complete Survey	Basic Survey
Brush Saw Exercise/Thinning	All	All
Small Mammal Study	All	At least partial
Population Study (Wildlife)	All	Partial
Forest Industry Tour(s)	Partial	All
Provincial Park Basic Tour	All	All
Provincial Park Work Activity	No	All
Provincial Park Interpretation	Partial	All
Forest Management Tour	No	All
Forest Management Speakers	Partial	All
Van and Trailer Exercise	All	All
Enforcement Exercise	All	All
Wetland Exercise	All	No
Radio Telemetry Exercise	All	No
Habitat Surveys (Wildlife)	All	Partial
Bear/Moose Management Speakers	All	All
Watershed Exercise	All	All

THIRD YEAR FIELD CAMP

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COURSE NAME

COURSE NUMBER

IV. LEARNING ACTIVITIES: N/A

V. EVALUATION METHODS:

Students must attend field camp and successfully complete each of the activities listed.

Final grades will be assessed on the basis of:

- A. Attendance for each exercise
- B. Participation and successful completion (of each exercise)
- C. Attitude, willingness to help others, cooperation with other field camp participants
- D. Hand-ins from
  - i) Population surveys
  - ii) Habitat surveys
  - iii) Small mammal sheets
  - iv) Others as assigned

Each of the above (A -> D) are worth 25% of final grade.

Grading

A+ - Superior effort in all components	+ 90%+
A - Excellent effort in all components	80 - 89%
B - Good effort	70 - 79%
C - Satisfactory effort	60 - 69%
R - Unsatisfactory effort or attendance	

There will be no rewrite opportunities or re-runs of exercises.

VI. REQUIRED STUDENT RESOURCES:

It is suggested that you bring field guides for identification. Other required materials will be listed in class.

VII. ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY  
BOOK SECTION:

N/A

VIII. SPECIAL NOTES:

Students with special needs (e.g. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.