

**SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY  
SAULT STE MARIE, ON**



**COURSE OUTLINE**

**Course Title: ENVIRONMENTAL STUDIES II**

**Code No.: FOR 245                      Semester: IV**

**Program: FISH & WILDLIFE TECHNICIAN  
PARKS & OUTDOOR RECREATION TECHNICIAN**

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**Date: JANUARY 1999**

**Approved:** \_\_\_\_\_ *Jan 1999*  
**Dean, Natural Resources                      Date**  
**Programs**

**Total Credits:3**

**Prerequisite(s):**

**Length of Course: 3 hrs/week      Total Credit Hours: 48**

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*For additional information, please contact Joe Fruchter, Dean, Natural Resources Programs, (705) 759-2554, Ext. 688.*

**1. COURSE DESCRIPTION:**

A continuation of Environmental Studies I in the further development of field identification skills of Ontario wildlife with particular reference to bird vocalizations, frog songs, wildlife tracks and signs and herptiles. Field exercises will include bird feeder monitoring, winter bird food assessment, a winter lake assessment and a snow study. Students will be required to submit a scat collection.

**II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:**

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

**1. Identify by song, common birds species.**

Potential Elements of the Performance:

- using recordings, identify by song approximately 40 species of birds

*This learning outcome will constitute approximately 15% of the course*

**2. Identify by sight and by song selected reptiles and amphibians.**

- using slides and recordings, identify approximately 10 species of amphibians
- using slides, identify common turtles and snakes
- discuss the ecological significance of selected reptiles and amphibians
- describe amphibian surveys as a component of Ontario's Marsh Monitoring Program

*This learning outcome will constitute approximately 20% of the course*

**3. Identify tracks and sign of common wildlife species**

- locate, identify, document and photograph under field conditions 15 different wildlife tracks or signs (excluding scats)
- locate, identify, document and photograph under field conditions 8 different wildlife scats
- describe identification features of tracks specific to Family

*This learning outcome will constitute approximately 25% of the course*

4. **Observe, record, analyse and present data in a report format from field exercises**
- conduct field studies according to procedures outlined
  - record field data correctly on appropriate field forms
  - organize, synthesize and display field data in appropriate graphs and tables
  - analyse and interpret data
  - submit a technical report based on each of the field exercises

*This learning outcome will constitute approximately 40% of the course*

### **III. TOPICS TO BE COVERED:**

1. Common Bird Songs & Calls
2. Ontario Reptiles and Amphibians
3. Wildlife Tracks and Signs
4. Environmental Field Studies

### **IV. REQUIRED STUDENT RESOURCES:**

1. FOR 245 Environmental Studies II Lab Manual (Bookstore)
2. Peterson, R.T. 1980. A Field Guide to the (Eastern) Birds. 4th ed. Houghton Mifflin Co., Boston.
3. Rezendes, P. 1992. Tracking and the Art of Seeing: How to read animal tracks and sign. Camden House Publishing, Inc., Charlotte.

**V. EVALUATION PROCESS / GRADING SYSTEM**

Reports	40%
Collections	25%
Tests	35%

**NOTE:** Lab assignments and report values will be reduced at a rate of 10% per day for late submissions for a period of 5 days after the due date. After 5 days and lab assignment/report value will be zero. All labs/assignments and reports must be submitted regardless of lateness to pass the course.

Attendance during field exercises is **MANDATORY**. Student missing field work without valid, documented reason will risk repeating the course.

**Method of Assessment (Grading Method) The following letter grade will be assigned:**

<b>A+</b>	<b>Consistently outstanding</b>	<b>(90% - 100%)</b>
<b>A</b>	<b>Outstanding achievement</b>	<b>(80% - 89%)</b>
<b>B</b>	<b>Consistently above average achievement</b>	<b>(70% - 79%)</b>
<b>C</b>	<b>Satisfactory or acceptable achievement in all areas subject to assessment</b>	<b>(60% - 69%)</b>
<b>R</b>	<b>Repeat -- The student has not achieved the objectives of the course and the course must be repeated.</b>	<b>(Less than 60%)</b>
<b>CR</b>	<b>Credit exemption</b>	
<b>X</b>	<b>A temporary grade, limited to situations with extenuating circumstances, giving a student additional time to complete course requirements.</b>	

### **Special Needs**

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.

### **Plagiarism**

Students should refer to the definition of Academic dishonesty in the Statement of 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, as may be decided by the Professor. 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.

### **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 post-secondary institutions

### **Course Modification**

The instructor reserves the right to modify the course as deemed necessary to meet the needs of the students

## **VI. PRIOR LEARNING ASSESSMENT:**

Please contact the Prior Learning Assessment Office (E2203) for further information