

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

COURSE TITLE: FALL CAMP - FIRST YEAR

CODE NO.: FOR131-3 **SEMESTER:** ONE

PROGRAM: FISH & WILDLIFE/FORESTRY/RENEABLE RESOURCES
PARKS & OUTDOOR RECREATION TECHNICIAN

AUTHOR: STAN FISCHER

DATE: NOVEMBER 1996

PREVIOUS OUTLINE DATED: JULY 1993

APPROVED:

JOE FRUCHTER, DEAN
SCHOOL OF BUSINESS & HOSPITABLITY,
NATURAL RESOURCES PROGRAMS &
COMPUTER PROGRAMS

DATE: _____

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I. PHILOSOPHY AND GOALS:

Fall camp for new intake students is designed to get them into the bush while the weather is still good, give them extra field time for exercises quite new and give exposure to a wide range of natural resource related experience.

II. PERFORMANCE OBJECTIVES:

1. Obtain a "Standard First Aid" Certificate.
2. Demonstrate the ability to plant bare root and/or containerized (paperpot) trees.
3. Maintain a pacing accuracy of 5% and compassing 6%.
4. Observe how round wood is converted to fiber or dimension products.
5. Study the operation of a fish hatchery.
6. Examine plant communities and relate to game habitats.
7. Practice canoeing (doubles) and motor boat handling.
8. Participation in extra Co-op education sessions on possible careers and employer expectations.
9. Recognize the contribution the Prov. Air Service has made to the protection of our province's resources.
10. Appreciate the importance of Federal Parks system and the heritage of the Sault area.
11. Understand the role of Conservation Authorities in protection and preservation of natural resources.

III. TOPICS TO BE COVERED:

First Aid
Tree Planting
Mensuration
Wood processing
Fish culture
Ecology
Water safety
Co-op Education
Resource Protection
Federal Parks System
Conservation Authorities

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IV. LEARNING ACTIVITIES:

First Aid:

1. Pass provincial "Standard First Aid".

Treeplant:

2. Each student must plant a minimum of 25 trees to MNR standards.

Mensuration:

3.
 - a) Pace a distance of 500 m to 5% accuracy
 - b) Compass and pace a triangular course of 500 m to a side of 6% accuracy
4. Tour a pulp or dimension product mill and write a quiz on same to 60% pass.
5. Study operation of a Fish Hatchery and write a quiz on same to 60% pass.

6. Ecology Exercise:

The instructor will select 3 or 4 areas of forest for the student to walk through and identify all tree and plant species previously studied.

Where possible, these study areas should include:

- a) A wetland (Bog, fen, swamp or marsh).
- b) An area of moose habitat including:
 - Spring/Summer range
 - Wintering area
- c) An area of deer habitat including:
 - Openings
 - Early successional forest
 - Winter shelter
- d) Habitat suitable for any other

For each area, note what features of the habitat make it a preferred living space for wildlife species.

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7. Navigate a course both as bow and stern paddler within a limited time.
 Navigate an outboard (10 HP) and 14' boat on a course (buoys) including reversing and docking.
8. Attend co-op education lecture and produce a draft resume.
9. Tour the Provincial Air Service Heritage Museum and answer a short answer test.
10. Introduction of Federal Parks System and Heritage of students "Sault home" for 2 or 3 years.
11. Exposure to overview of role that Conservation Authorities play in resource conservation.

V. METHOD OF EVALUATION:

Students must attend each activity and answer a short answer/multiple choice test on each activity. Passing grade is 60%; B = 70-79%; A = 80% or better; A+ = 90% or better. Grades are based on averaged total.

To pass you must: a) Attend Field Camp Activities; b) Pass First Aid and c) Have a total mark of 60. If you mark is below 60, you must re-register, pay the fee and repeat all on-campus activities except First Aid (not repeat camp portion).

VI. SPECIAL NOTES:

Student 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.