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COURSE NAME

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CODE NO.**I. COURSE DESCRIPTION:**

Fall Field Camp introduces a variety of field skills essential to natural resource technicians. Students learn the importance of the safe use and careful maintenance of equipment. Compassing skills are developed, including both solo compassing through a relatively remote forested area, and traversing as part of a team. Canoeing skills are introduced, as are skills in pacing, identification of coniferous trees, and wildlife observation. A tour of the Kirkwood forest introduces ecological principals, local history, and diverse values associated with forests

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

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

1. Use a compass to travel in a straight line through a forested area.

***Potential Elements of the Performance:***

- set appropriate declination on compass
- set appropriate azimuth on compass
- hold compass correctly
- use compass to locate a landmark on his/her line of travel
- travel to the landmark
- repeat the process until a specified destination is reached

This learning outcome will count for approximately 18% of the final mark.

2. Pace off distances while travelling through the forest.

***Potential Elements of the Performance:***

- calculate a personal pacing factor, using a tape measure
- walk with a consistent, relaxed stride through the forest
- calculate distance traveled by applying personal pacing factor

This learning outcome will count for approximately 12% of the final mark.

3. Use appropriate canoe strokes to turn a canoe either left or right, while paddling tandem in either the bow or the stern.

***Potential Elements of the Performance:***

- decide whether a draw, sweep, pry or bow stroke is appropriate to the situation at hand
- correctly execute the appropriate stroke, in cooperation with canoeing partner

This learning outcome will count for approximately 10% of the final mark.

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4. Use ropes to properly secure a canoe to a trailer.

***Potential Elements of the Performance:***

- use a round turn with two half hitches and a modified trucker's hitch to properly and tightly secure a canoe to a trailer.

This learning outcome will count for approximately 6% of the final mark.

5. Use a topographic map to navigate roads through a forested area.

***Potential Elements of the Performance:***

- Orient map to the ground
- Apply map scale to estimate distances traveled
- Recognize crossroads, hills, bridges and other landmarks both on the map and on the ground

This learning outcome will count for approximately 7% of the final mark.

6. Operate an outboard motor with an instructor present.

***Potential Elements of the Performance:***

- Start the motor according to approved procedures
- Use the motor to safely back up , go forward, turn left or right, and approach a dock
- Safely stop the motor

This learning outcome will count for approximately 15% of the final mark.

7. Identify 6 native coniferous trees from foliage or cone characteristics.

***Potential Elements of the Performance:***

- Collect cones and foliage from 6 coniferous trees
- Name the species collected, using approved botanical names

This learning outcome will count for approximately 20% of the final mark.

8. Measure distances through the forest using approved chaining procedures.

***Potential Elements of the Performance:***

- Cooperate with other crew members to drag chain through forest, marking each chain length
- Tally number of chain lengths traveled

This learning outcome will count for approximately 12% of the final mark.

**III. TOPICS:**

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**Note:**

These topics will not necessarily be explored as isolated learning units, or in the order presented below:

1. Compassing for accuracy.
2. Chaining, pacing and traversing through the forest
3. Introduction to canoeing including use of ropes to secure a canoe to a trailer
4. Use of topographic maps for navigating roads through forested areas
5. Identification and botanical names of coniferous tree species
6. Safe use of outboard motors

**IV. REQUIRED RESOURCES/TEXTS/MATERIALS:**

1. First Year Field Camp Field Manual (available in campus shop.) Includes a list of all required and suggested equipment, clothing, etc.

**V. EVALUATION PROCESS/GRADING SYSTEM:****Grading System**

A+	Consistently Outstanding	(90% - 100%)
A	Outstanding Achievement	(80% - 90%)
B	Consistently Above Average Achievement	(70% - 80%)
C	Satisfactory or Acceptable Achievement in all areas subject to assessment	(60% - 70%)
R	Repeat - The student has not achieved the objectives of the course and the course must be repeated	(Less than 60%)
CR	Credit Exemption	
X	A temporary grade, limited to situations with extenuating circumstances, giving student additional time to complete course requirements	

**VI. SPECIAL NOTES:**Personal Vehicles

Transportation to and from field camp is provided. Students will not normally be allowed to use personal vehicles. Use of personal vehicles requires the prior written permission of a college faculty member and keys must be surrendered upon arrival at camp.

Safety

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Students are expected to follow all safety-related rules and procedures at all times. Safety equipment such as personal flotation devices, safety boots, hard hats and orange vests must be worn on certain exercises. Students must not be in possession of alcohol, drugs or firearms.

**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.

**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.

**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.

Substitute Course Information is available at the Registrar's Office.

**VII. PRIOR LEARNING ASSESSMENT**

Students who wish to apply for advanced credit in the course should consult the instructor.