

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



Sault College

COURSE OUTLINE

COURSE TITLE: Outdoor Equipment Certifications

CODE NO. : NRT 138-4 **SEMESTER:** 09W

PROGRAM: Adventure Recreation & Parks, Park Operation Skills,
Fish & Wildlife Conservation, Forest Conservation,
Introduction to Natural Resources, Ecosystems Surveys-
Field Skills

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DATE: Jan 2009 **PREVIOUS OUTLINE DATED:** Jan 08

APPROVED: "B. Punch"

Chair

TOTAL CREDITS: 4 credits **DATE**

PREREQUISITE(S): None

HOURS/WEEK: 4 hours per week

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For additional information, please contact Brian Punch, Chair
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- I. **COURSE DESCRIPTION:** Students will experience hands-on safe operation, care, and maintenance of snow machines, ATV's, chainsaws, clearing saws and boating theory. They will have the potential to earn safe operating certificates if they are successful with both the hands-on and the theory portion. To be eligible to receive a safety certificate, students must attend all theory and the field portions of the course.

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

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

1. Safely operate a snowmobile at a basic level. This outcome represents 20% of the final grade.
Potential Elements of the Performance:
 Participate in all lectures and labs on safe operation and maintenance of snowmobiles.
 Demonstrate safe riding techniques including: proper circle check, proper use of personal protective equipment, proper starting procedures, proper and appropriate hand signaling, proper braking, stopping and starting, proper mounting and dismounting, and proper weight transfer.
 Recognize dangerous situations and describe ways to avoid potentially dangerous riding situations.
2. Safely operate a chainsaw at a basic level. This outcome represents 20% of the final grade.
Potential Elements of the Performance:
 Participate in all lectures and labs on safe operation and maintenance of chain saws.
 Demonstrate safe operating techniques including: proper use of personal protective equipment, safe starting procedures, proper bucking, safe limbing and light duty felling.
 Recognize dangerous situations and describe ways to avoid them.
3. To understand the Safe operation of a clearing saw at a basic level. This outcome represents 10% of the final grade.
Potential Elements of the Performance:
 Participate in all lectures and labs on safe operation and maintenance of clearing saws.
 Recognize dangerous situations and describe ways to avoid them.

Demonstrate safe operating techniques including: proper use of personal protective equipment, safe starting procedures, and proper handling procedures.

4. Safely operate an ATV at a basic level. This outcome represents 20% of the final grade.

Potential Elements of the Performance:

Participate in all lectures and labs on safe operation and maintenance of ATV's.

Recognize dangerous situations and describe ways to avoid them. Demonstrate safe riding techniques including: proper circle check, proper use of personal protective equipment, proper starting procedures, proper and appropriate hand signaling, proper braking, stopping and starting, proper mounting and dismounting, and proper weight transfer.

5. The Theory of Safe Operation & Maintenance of a boat and motor. This outcome represents 10% of grade
Acquire a Pleasure Craft Operator Card which will be required by all persons operating a powered pleasure craft as of September 15, 2009. This outcome does not factor into the grading for this course as a student may already possess a valid certificate. Students will be responsible for additional costs to obtain this card.

Potential Elements of the Performance:

Participate in all lectures and labs on safe operation and maintenance of motor and boats.

Recognize dangerous situations and describe ways to avoid them.

Recognize environmental impacts on Canadian waters.

Know and understand rules and regulations for recreational boating.

III. TOPICS:

1. Safe snow mobile operation.
2. Safe chainsaw operation.
3. Safe ATV operation.
4. Safe Clearing Saw operation.
5. Safe boating. (Pleasure Craft Operator Card)* This certificate is done at students own expense.

IV. REQUIRED RESOURCES/TEXTS/MATERIALS: Students must be dressed for appropriately for all weather conditions and have all appropriate safety equipment.

V. EVALUATION PROCESS/GRADING SYSTEM:

Snowmobile Safe Riding Theory Test	10 %
Snowmobile Safe Riding Field Test	10 %
Chainsaw Safe Operation Theory Test	10 %
Chainsaw Safe Operation Field Test	10 %
ATV Safe Riding Theory Test	10 %
ATV Safe Riding Field Test	10 %
Clearing Saw Safe Operation Theory Test	10 %
Safe Boating Theory Test	10 %
Final Exam covering all Theory Sections	<u>20 %</u>
	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%	
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% and below	0.00
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:

Disability Services:

If you are a student with a disability (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your professor and/or the Disability Services office. Visit Room E1101 or call Extension 2703 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.

Communication:

The College considers **WebCT/LMS** as the primary channel of communication for each course. Regularly checking this software platform is critical as it will keep you directly connected with faculty and current course information. Success in this course may be directly related to your willingness to take advantage of the **Learning Management System** communication tool.

Plagiarism:

Students should refer to the definition of “academic dishonesty” in *Student Code of Conduct*. 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. Other certifications may be added depending on the size of the group and the availability of equipment and staffing.

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

Tuition Default:

Students who have defaulted on the payment of tuition (tuition has not been paid in full, payments were not deferred or payment plan not honoured) as of the first week of March will be removed from placement and clinical activities. This may result in loss of mandatory hours or incomplete course work. Sault College will not be responsible for incomplete hours or outcomes that are not achieved or any other academic requirement not met as of the result of tuition default. Students are encouraged to communicate with Financial Services with regard to the status of their tuition prior to this deadline to ensure that their financial status does not interfere with academic progress.

In order to receive a safe operating certificate for ATV, snowmobile, chainsaw, clearing saw, and boating, full attendance in all theory and field portions is required. The Pleasure Craft Operator card, available on line or through approved local sources, is not factored into the academic evaluation of the course and is to be completed by the student at his or her own expense.

VII. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advance credit transfer (advanced standing) should obtain an Application for Advance Credit from the program coordinator (or the course coordinator regarding a general education transfer request) or academic assistant. Students will be required to provide an unofficial transcript and course outline related to the course in question.

Credit for prior learning will also be given upon successful completion of a challenge exam or portfolio.