

- I. **COURSE DESCRIPTION:** Students will be trained through lectures and/or hands-on experience in the safe operation, care and maintenance of; snow machines, ATV's, chainsaws, clearing saws and motor boats. 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 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: circle check, use of personal protective equipment, starting procedures, appropriate hand signaling, braking, mounting, dismounting, and weight transfer.
Recognize potential riding hazards and describe ways to avoid them.
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 and saw maintenance including: saw safety and inspection, sharpening, fuel mixing, minor maintenance, use of personal protective equipment, safe starting procedures, directional notching and bucking.
Safe limbing and light duty felling will be discussed in lab.
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 on safe operation, proper use of personal protective equipment, safe starting procedures, maintenance of clearing saws and proper handling procedures.
Recognize dangerous situations and describe ways to avoid them.

4. Safely operate an ATV at a basic level. This outcome represents 20% of the final grade. Students may have the opportunity to obtain the full Canadian Council Safe Riding Certificate. This outcome does not factor into the grading for this course. Students may be responsible for additional costs to obtain this certificate.

Potential Elements of the Performance:

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

Demonstrate safe riding techniques including: circle check, use of personal protective equipment, starting procedures, appropriate hand signaling, braking, mounting, dismounting, and weight transfer.

Recognize dangerous situations and describe ways to avoid them.

5. The theory of safe operation of a motor boat. This outcome represents 10% of grade. Students will have the opportunity to acquire the "Pleasure Craft Operator Card" which is required by all persons operating a powered pleasure craft. This outcome does not factor into the grading for this course as a student may already possess a valid "Pleasure Craft Operator Card". 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 of a motor boat.

Know and understand; nautical terminology, safety equipment, Canadian aids to navigation, safe trailering, anchoring and marine rules and regulations for recreational boating.

Recognize dangerous situations and describe ways to avoid them.

III. TOPICS:

1. Safe snow mobile operation.
2. Safe chainsaw operation.
3. Safe ATV operation.
4. Theory of Safe Clearing Saw operation.
5. Theory of Safe Boating Operation.

IV. REQUIRED RESOURCES/TEXTS/MATERIALS: Students must be dressed appropriately for all weather conditions and have all appropriate personal safety equipment. Specialized safety equipment needed for specific course instruction will be provided.

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	<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%	3.00
B	70 - 79%	2.00
C	60 - 69%	1.00
D	50 – 59%	0.00
F (Fail)	49% and below	
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:

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. Certifications may be added or removed depending on the size of the group and the availability of equipment and staffing.

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. Students with valid (as deemed valid by the professor) medical or personal reasons who miss portions of a certification course may have an opportunity to make up missed course material during a make-up period identified by the professor. 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.

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.

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.