

- I. **COURSE DESCRIPTION:** Students will experience hands on safe operation, care, and maintenance of snow machines, ATV's, chainsaws, brush saws, and motorboats. 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 certificate, students must attend both the 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 snow mobile at a basic level. This outcome represents 25% of the final grade.
Potential Elements of the Performance:
Participate in lectures and labs on safe operation and maintenance of snow mobiles.
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 25% of the final grade.
Potential Elements of the Performance:
Participate in 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 potentially dangerous chain sawing situations.
3. Safely operate a brush saw at a basic level. This outcome represents 25% of the final grade.
Potential Elements of the Performance:
Participate in lectures and labs on safe operation and maintenance of brush saws.
Recognize dangerous situations and describe ways to avoid potentially dangerous brush sawing situations.

Demonstrate safe operating techniques including: proper use of personal protective equipment, safe starting procedures, safe limbing and light duty felling.

4. Safely operate an ATV at a basic level. This outcome represents 25% of the final grade.

Potential Elements of the Performance:

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

Recognize dangerous situations and describe ways to avoid potentially dangerous riding situations.

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. Acquire a safe boating certificate (required for 2nd year boating operations). This outcome does not factor into the grading for this course as a student may possess a valid certificate.

Potential Elements of the Performance:

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

Recognize dangerous situations and describe ways to avoid potentially dangerous boating situations.

Sign up for and complete a recognized safe boating course.

III. TOPICS:

1. Safe snow mobile operation.
2. Safe chainsaw operation.
3. Safe ATV operation.
4. Safe Brush Saw operation.
5. Safe boating. * This certificate is done on your own at your expense.

IV. REQUIRED RESOURCES/TEXTS/MATERIALS: None

V. EVALUATION PROCESS/GRADING SYSTEM:

Snow mobile Safe Riding Theory Test	12.5 %
Snow mobile Safe Riding Field Test	12.5 %
Chainsaw Safe Operation Theory Test	12.5 %
Chainsaw Safe Operation Field Test	12.5 %
ATV Safe Riding Theory Test	12.5 %
ATV Safe Riding Field Test	12.5 %
Brush Saw Safe Operation Theory Test	12.5 %
Brush Saw Safe Operation Field Test	<u>12.5 %</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:

Special Needs:

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your professor and/or the Special Needs office. Visit Room E1101 or call Extension 703 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.

In order to receive a safe operating certificate, full attendance in both the theory portion and the field portion is required. The safe boating certification, 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 advanced credit in the course should consult the professor. Credit for prior learning will be given upon successful completion of a challenge exam or portfolio.

VIII. DIRECT CREDIT TRANSFERS:

Students who wish to apply for direct credit transfer (advanced standing) should obtain a direct credit transfer form from the Dean's secretary. Students will be required to provide a transcript and course outline related to the course in question.