

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



COURSE OUTLINE

COURSE TITLE:	Outdoor Equipment Certifications		
CODE NO. :	NET 107	SEMESTER:	15F
PROGRAM:	Natural Environment Technician/Technologist		
AUTHOR:	Barry Oja, Jeff Cartwright		
DATE:	Aug. 2015	PREVIOUS OUTLINE DATED:	May /15
APPROVED:	Colin Kirkwood		Aug. 2015
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TOTAL CREDITS:	3 credits		
PREREQUISITE(S):	None		
HOURS/WEEK:	3 hours per week		

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- I. **COURSE DESCRIPTION:** Students will be trained through lectures and/or hands-on experience in the safe operation, care and maintenance of; motor boats, ATV's, chainsaws, clearing saws and snow machines. 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. The Safe Operation & Maintenance of a boat and motor. This outcome represents 20% of grade.
Acquire a Pleasure Craft Operator Card which is 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 boats and motors. Demonstrate knowledge of safe boating techniques including: proper safety equipment, proper use of personal protective equipment, proper starting & stopping of motor, proper and appropriate docking procedures, proper and safe driving techniques.
Recognize dangerous situations and describe ways to avoid them.
Recognize environmental impacts on Canadian waters.
Know and understand rules and regulations for recreational boating.

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

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 Canada 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 snowmobile 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 snowmobiles.
Instruction in 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.

III. TOPICS:

1. Safe boating operation.
2. Safe chainsaw operation.
3. Safe ATV operation.
4. Safe clearing saw operation.
5. Theory of safe snowmobile operation.

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

V. EVALUATION PROCESS/GRADING SYSTEM:

Safe Boating Theory Test	10 %
Safe Boat Operation 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 %
Snowmobile Safe Riding 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:Attendance:

Sault College is committed to student success. There is a direct correlation between academic performance and class attendance; therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session. *It is the departmental policy that once the classroom door has been closed, the learning process has begun. Late arrivers may not be granted admission to the room.*

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.

Laptops will be permitted for course related use only!

Cell phones should not be used during class times for student safety.

VII. COURSE OUTLINE ADDENDUM:Course Outline Amendments:

The faculty member reserves the right to change the information contained in this course outline depending on the needs of the learner and the availability of resources.

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.

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. Please refer to the Student Key Dates Calendar for the deadline date by which application must be made for advance standing.

Credit for prior learning will also be given upon successful completion of a challenge exam or portfolio. Student Services, located in E1101, can provide information regarding the Prior Learning Assessment and Recognition policy or it can be viewed on the student portal.

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

Student Portal:

The Sault College portal allows you to view all your student information in one place. **mysaultcollege** gives you personalized access to online resources seven days a week from your home or school computer. Single log-in access allows you to see your personal and financial information, timetable, grades, records of achievement, unofficial transcript, and outstanding obligations, in addition to announcements, news, academic calendar of events, class cancellations, your learning management system (LMS), and much more. Go to <https://my.saultcollege.ca>.

Communication:

The College considers **Desire2Learn (D2L)** 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 this Learning Management System (LMS) communication tool.

Accessibility 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 the Accessibility Services office. Visit Room E1101, call Ext. 2703 or email studentsupport@saultcollege.ca so that support services can be arranged for you.

Audio and Video Recording Devices in the Classroom:

Students who wish to use electronic devices in the classroom will seek permission of the faculty member before proceeding to record instruction. Students with disabilities who require audio or visual recording devices in the classroom as an accommodation will receive approval from their counsellor once the Audio and Video Recording Devices in the Classroom Policy has been reviewed by the student. Recorded classroom instruction will be used only for individual academic use and will not be used for any other purpose. Recordings may only be used for individual study of materials presented during class and may not be published or distributed. Intentional

misuse of audio and video recordings or intentional misrepresentation when requesting the use of a device for recording shall constitute a violation of this policy and laws protecting intellectual property.

Academic Dishonesty:

Students should refer to the definition of “academic dishonesty” in the *Student Code of Conduct*. Students who engage in academic dishonesty will be issued a sanction under the Student Code of Conduct which could lead to and include expulsion from the course/program. In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, students must use a documentation format for referencing source material.

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 November (fall semester courses), first week of March (winter semester courses) or first week of June (summer semester courses) will be removed from placement and clinical activities due to liability issues. 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.