



COURSE OUTLINE

NET107

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Prepared: Barry Oja & Jeff Cartwright Approved: Sherri Smith

Course Code: Title	NET107: OUTDOOR EQUIPMENT CERTIFICATIONS									
Program Number: Name	5220: NAT ENVIRONMENT TN									
Department:	NATURAL RESOURCES PRG									
Semester/Term:	17F									
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 snowmobiles. 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.									
Total Credits:	3									
Hours/Week:	4									
Total Hours:	60									
Substitutes:	NRT138									
Vocational Learning Outcomes (VLO's): Please refer to program web page for a complete listing of program outcomes where applicable.	#2. Utilize natural resources equipment and technology to accurately identify ecosystem components for purposes of conserving and managing natural resources. #6. Practice principles and ethics associated with natural resource conservation and management issues. #7. Work safely in adherence to occupational health and safety standards. #12. Travel accurately in a timely manner in the outdoors using appropriate navigation aids and motorized transport equipment.									
Essential Employability Skills (EES):	#5. Use a variety of thinking skills to anticipate and solve problems. #11. Take responsibility for ones own actions, decisions, and consequences.									
Course Evaluation:	Passing Grade: 50%, D									
Evaluation Process and Grading System:	<table><tr><th>Evaluation Type</th><th>Evaluation Weight</th></tr><tr><td>ATV Field Training</td><td>10%</td></tr><tr><td>ATV Test</td><td>10%</td></tr><tr><td>Chainsaw Field Training</td><td>10%</td></tr></table>		Evaluation Type	Evaluation Weight	ATV Field Training	10%	ATV Test	10%	Chainsaw Field Training	10%
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Chainsaw Test	10%
Clearing Saw Test	10%
Final Test	20%
Safe Boating Field Training	10%
Safe Boating Test	10%
Snowmobile Test	10%

Course Outcomes and Learning Objectives:

Course Outcome 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.

Learning Objectives 1.

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.

Course Outcome 2.

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

Learning Objectives 2.

Participate in all lectures and labs on safe operation and maintenance of chainsaws. Demonstrate safe operating techniques and saw maintenance including: saw safety and



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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.

Course Outcome 3.

The theory of safe operation of a clearing saw at a basic level. This outcome represents 10% of the final grade.

Learning Objectives 3.

Participate in all lectures on safe operation, proper use of personal protective equipment, safe starting procedures, sharpening, maintenance of clearing saws and proper handling procedures.
Recognize dangerous situations and describe ways to avoid them.

Course Outcome 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 Safety 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.

Learning Objectives 4.

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.

Course Outcome 5.

The theory of safe operation of a snowmobile at a basic level. This outcome represents 10% of the final grade.



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Learning Objectives 5.

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.

Date:

Thursday, August 31, 2017

Please refer to the course outline addendum on the Learning Management System for further information.