



COURSE OUTLINE

NET107

Prepared: Barry Oja & Jeff Cartwright Approved: Sherri Smith

Course Code: Title	NET107: OUTDOOR EQUIPMENT CERTIFICATIONS				
Program Number: Name	5212: ADVENTURE RECREATION 5214: FISH/WILD CONSERVATN 5230: FORESTRY TECHNICIAN				
Department:	NATURAL RESOURCES PRG				
Semester/Term:	18W				
Course Description:	Students will be trained through lectures and/or hands-on experience in the safe operation, care and maintenance of snowmobiles, All Terrain Vehicles (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.				
Total Credits:	3				
Hours/Week:	4				
Total Hours:	60				
Substitutes:	NRT138				
Vocational Learning Outcomes (VLO's):	<p>5212 - ADVENTURE RECREATION #9. Safely operate and maintain equipment used in Adventure Recreation and Park operations.</p> <p>5214 - FISH/WILD CONSERVATN #9. Safely operate and maintain equipment used in Fish and Wildlife Conservation.</p> <p>5230 - FORESTRY TECHNICIAN #7. Select, operate, troubleshoot and maintain tools and equipment in a variety of environmental conditions and in accordance with safety and operating standards.</p>				
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>					
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 border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>ATV Field Training</td> <td>10%</td> </tr> </tbody> </table>	Evaluation Type	Evaluation Weight	ATV Field Training	10%
Evaluation Type	Evaluation Weight				
ATV Field Training	10%				

ATV Test	10%
Chainsaw Field Training	10%
Chainsaw Test	10%
Clearing Saw Test	10%
Final Test	20%
Safe Boating Test	10%
Snowmobile Field Training	10%
Snowmobile Test	10%

Course Outcomes and Learning Objectives:

Course Outcome 1.

The safe operation and maintenance of a snowmobile at a basic level. This outcome represents 20% of the final grade.

Learning Objectives 1.

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.

Course Outcome 2.

Safely operate and maintain 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 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 will 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 motor boat. This outcome represents 10% 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 5.

Participate in all lectures and labs on safe operation and maintenance of boats and motors. Know and understand rules and regulations for recreational boating.
Recognize dangerous situations and describe ways to avoid them.
Recognize environmental impacts on Canadian waters.
Know and understand rules and regulations for recreational boating.

Date:

Monday, January 8, 2018

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