

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



CICE COURSE OUTLINE

COURSE TITLE: Outdoor Equipment Certifications

CODE NO. : NET107 **SEMESTER:** Winter
MODIFIED CODE: NET0107

PROGRAM: Adventure Recreation & Parks
Fish & Wildlife Conservation
Forest Conservation

AUTHOR: Barry Oja, Jeff Cartwright
MODIFIED BY: Katie Wakely, Learning Specialist CICE Program

DATE: Jan/2016 **PREVIOUS OUTLINE DATED:** 2015

APPROVED: "Angelique Lemay" Jan/2016

DEAN **DATE**

TOTAL CREDITS: 3

PREREQUISITE(S): none

HOURS/WEEK: 3

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For additional information, please contact the Dean, School of Community Services Interdisciplinary Studies, Curriculum & Faculty Enrichment

(705) 759-2554, Ext. 2737

I. COURSE DESCRIPTION:

With assistance from a learning specialist, CICE students will be trained through lectures and/or hands-on experience in the safe operation, care and maintenance of; snow machines, All Terrain Vehicles (ATVs), 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/or the theory portion. To be eligible to receive a safety certificate, CICE students must attend all theory and/or 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 some potential riding hazards and describe some of the 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.

Demonstrate safe clearing saw handling techniques including: proper use of personal protective equipment, safe starting procedures, fuel mixtures and proper handling procedures.

4. Safely operate an All-Terrain Vehicle (ATV), at a basic level. This outcome represents 20% of the final grade. Students may also have the opportunity to obtain the full Canada Safety Council "ATV Rider Course". This outcome does not factor into the grading for this course. Students will 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 a Pleasure Craft Operator Card (PCOC) 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 PCOC. 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. Know and understand rules and regulations for recreational boating

Recognize dangerous situations and describe ways to avoid them.

Recognize environmental impacts on Canadian waters.

III. TOPICS:

1. Safe snowmobile operation.
2. Safe chainsaw operation.
3. Theory of Safe Clearing Saw operation.
4. Safe ATV 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	Definition	<i>Grade Point Equivalent</i>
A+	90 – 100%	4.00
A	80 – 89%	
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% and below	0.00
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.	

If a faculty member determines that a student is at risk of not being successful in their academic pursuits and has exhausted all strategies available to faculty, student contact information may be confidentially provided to Student Services in an effort to offer even more assistance with options for success. Any student wishing to restrict the sharing of such information should make their wishes known to the coordinator or faculty member.

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 theory/operating certificate for ATV, snowmobile, chainsaw, clearing saw and boating, full attendance in all theory and field labs is required. Students will not have the opportunity to make up missed labs. The Pleasure Craft Operator Card and the Canada Safety Council "ATV Rider Course" are not factored into the academic evaluation of the course and are to be completed by the student at his or her own expense.

Laptops will be permitted for course related use only!

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

Addendum:

Further modifications may be required as needed as the semester progresses based on individual student(s) abilities and must be discussed with and agreed upon by the instructor

VII. COURSE OUTLINE ADDENDUM:

The provisions contained in the addendum located on the portal form part of this course outline.

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.

CICE Modifications:**Preparation and Participation**

1. A Learning Specialist will attend class with the student(s) to assist with inclusion in the class and to take notes.
2. Students will receive support in and outside of the classroom (i.e. tutoring, assistance with homework and assignments, preparation for exams, tests and quizzes.)
3. Study notes will be geared to test content and style which will match with modified learning outcomes.
4. Although the Learning Specialist may not attend all classes with the student(s), support will always be available. When the Learning Specialist does attend classes he/she will remain as inconspicuous as possible.

A. Tests may be modified in the following ways:

1. Tests, which require essay answers, may be modified to short answers.
2. Short answer questions may be changed to multiple choice or the question may be simplified so the answer will reflect a basic understanding.
3. Tests, which use fill in the blank format, may be modified to include a few choices for each question, or a list of choices for all questions. This will allow the student to match or use visual clues.
4. Tests in the T/F or multiple choice format may be modified by rewording or clarifying statements into layman's or simplified terms. Multiple choice questions may have a reduced number of choices.

B. Tests will be written in CICE office with assistance from a Learning Specialist.***The Learning Specialist may:***

1. Read the test question to the student.
2. Paraphrase the test question without revealing any key words or definitions.
3. Transcribe the student's verbal answer.
4. Test length may be reduced and time allowed to complete test may be increased.

C. Assignments may be modified in the following ways:

1. Assignments may be modified by reducing the amount of information required while maintaining general concepts.
2. Some assignments may be eliminated depending on the number of assignments required in the particular course.

The Learning Specialist may:

1. Use a question/answer format instead of essay/research format
2. Propose a reduction in the number of references required for an assignment
3. Assist with groups to ensure that student comprehends his/her role within the group
4. Require an extension on due dates due to the fact that some students may require additional time to process information
5. Formally summarize articles and assigned readings to isolate main points for the student
6. Use questioning techniques and paraphrasing to assist in student comprehension of an assignment

D. Evaluation:

Is reflective of modified learning outcomes.