

RE 131

Field Skills I & Wilderness First Aid

3 Credits

Instructor: Brendan Ganton; James Woodhouse
780 853 8735; 780 853 8741

Original Developer: Gerry Kuzyk

Current Developer: Brendan Ganton

Reviewer: James Woodhouse

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2602 - 59 Avenue, Lloydminster, Alberta, Canada T9V 3N7. Ph: 780 871 5700
5707 College Drive, Vermilion, Alberta, Canada T9X 1K5. Ph: 780 853 8400
Toll-free in Canada: 1 800 661 6490



RE 131 Version: 14



Field Skills I & Wilderness First Aid

Calendar Description

This course introduces important field skills for employees in Wildlife and Fisheries Conservation. Students receive training and externally recognized certification for Alberta Safety Council Bear Awareness and Avoidance, Canadian Red Cross Wilderness and Remote First Aid with CPR C and AED, Transport Canada Pleasure Craft Operation; and the Canadian Firearms Safety Course (CFSC). Students receive Lakeland College certification for wilderness survival and are introduced to chainsaw and axe safety.

Rationale

This is a required course for second-year Wildlife and Fisheries Conservation students. The course is held in the fall semester and provides the students with practical field skills identified as important by potential employers.

Prerequisites

None

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. obtain certification for the Canadian Red Cross Wilderness and Remote First Aid, CPR C and AED.
2. explain the basics of wilderness survival and demonstrate wilderness survival skills including fire starting, shelter construction and the acquisition of bush food.
3. obtain certification for completing a wilderness survival workshop
4. operate a motorized watercraft, and recognize and describe appropriate safety considerations.
5. illustrate the key principles of bear awareness and safety.
6. obtain certification for a Bear Awareness and Avoidance course.

7. demonstrate the safe operation of non-lethal deterrents (bear spray, bear bangers, pen flares)
8. demonstrate the safe operation of a chainsaw and axe for the purpose of bucking and clearing fallen trees from access routes.
9. successfully complete the Canadian Firearms Safety Course (CFSC) prerequisite for the Firearms Possession and Acquisition Licence (PAL).

Essential Employability Skills

Essential employability skills are critical for workplace success and lifelong learning. Lakeland College prepares its graduates for the workplace and lifelong learning by integrating and promoting essential employability skills development in its curricula. Each credit course offered at Lakeland College emphasizes one or more of the following five essential employability skills:

- A. **Communication Skills** that enable individuals to listen, interpret, express, and convey knowledge and ideas so that they are received and understood.
- B. **Teamwork Skills** that enable individuals to respect the thoughts and opinions of others as they work together to plan activities, meet deadlines, complete projects, and contribute to an organization's goals.
- C. **Critical Thinking Skills** that enable individuals to conceptualize and analyze issues from various perspectives while rationally evaluating the strengths and limitations of each perspective and deciding what action to take.
- D. **Adaptability Skills** that enable individuals to respond quickly, willingly, and positively to new conditions and changing times.
- E. **Positive Attitude and Behavioural Skills** that enable individuals to be confident about themselves and to deal with people, problems, and situations with honesty, integrity, and personal ethics.

Resource Materials

Required Text(s):

Department of Justice, Canada. 2014. Canadian firearms safety course: Student handbook.

Canadian Red Cross Wilderness First Aid Field Guide

Reference Text(s):

Alberta Hunter Education Instructors Association. 1999. Hunter education manual. Queen's Printer, Edmonton.

Kochanski, M. 1987. Bush craft: Outdoor skills and wilderness survival. Lone Pine Publishers.

Wiseman, J. 1996. The SAS survival handbook. Harpers Collins Publishers, Hammersmith, London. 287 pp.

Conduct of Course

This course is a combination of lectures, labs, and field modules. Some of this course may be held during evening sessions, on weekends or during extended multi-day field trips outside of the regular scheduled timetable.

Evaluation Procedures

The final grade is an aggregate of the following components:

Wilderness First Aid & AED/CPR - Exam 1	25%
Wilderness First Aid - Field Assessment	10%
Canadian Firearms Safety Course - Exam 2	25%
Bear Awareness and Safety - Exam 3	25%
Wilderness Survival - Field Assessment	5%
Motorboat operation and safety - Field Assessment	5%
Axes and Chainsaw operation and safety - Field Assessment	5%
Total	100%

To obtain credit in this course all assignments must be completed and, where appropriate, handed in on time. All field labs and training module must be attended unless explicitly authorized by the Instructor. Late assignments are NOT graded; a grade of zero is assigned.

Knowledge/Skills Matrix

Students apply and demonstrate their knowledge and skills to use

A. Communication Skills

A1. by listening, reading, interpreting information, and communicating effectively
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8
A2. by using written, spoken, and/or visual formats and media to communicate and meet needs of each particular audience
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8
A3. by using libraries, Internet, technical publications, journals and other sources to find pertinent information
Evaluation(s)/Goal(s): N/A

B. Teamwork Skills

B1. by using interpersonal skills to create an atmosphere that maximizes the strengths of group members to accomplish tasks
Evaluation(s)/Goal(s): Outcomes 1-8
B2. by using interpersonal skills to resolve conflict, relate to others, and assist others
Evaluation(s)/Goal(s): Outcomes 1-8
B3. by contributing and listening to others as group determines realistic objectives, prioritizes tasks, and identifies resources and timelines
Evaluation(s)/Goal(s): Outcome 1
B4. by treating other members of the group open-mindedly and fairly
Evaluation(s)/Goal(s): Outcomes 1-8
B5. by developing tactics/strategies to accomplish tasks
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8

C. Critical Thinking Skills

C1. by seeing critical thinking as a lifelong process of self-assessment
Evaluation(s)/Goal(s): N/A
C2. by examining problems closely
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8
C3. by examining beliefs, assumptions, and opinions, and weigh them against the facts
Evaluation(s)/Goal(s): Outcomes 1-8
C4. by seeking out the truth
Evaluation(s)/Goal(s): N/A
C5. by finding solutions; make decisions
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8
C6. by incorporating new ideas that may not necessarily agree with previous thought on the topic
Evaluation(s)/Goal(s): Outcomes 1-8
C7. by seeing connections between topics and use knowledge from other disciplines to enhance reading and learning experiences
Evaluation(s)/Goal(s): N/A

D. Adaptability Skills

D1. by working independently or as part of team
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8

D2. by carrying out multiple tasks or projects
Evaluation(s)/Goal(s): Outcomes 1-8
D3. by being innovative and resourceful: identify and suggest alternative ways to get the job done
Evaluation(s)/Goal(s): Outcomes 1 & 2
D4. by being open and respond constructively to change and uncertainty
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1 & 2

E. Positive Attitude and Behavioural Skills

E1. by dealing with people, problems, and situations with honesty, integrity, and personal ethics
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-3
E2. by showing interest, initiative, and effort
Evaluation(s)/Goal(s): Exams 1-3/Outcomes 1-8
E3. by affirming the need for positive solutions and encourage positive interaction and feedback
Evaluation(s)/Goal(s): Outcomes 1-8
E4. by balancing personal and family activities with job-related activities
Evaluation(s)/Goal(s): N/A

Grade Equivalents and Course Pass Requirements

A minimum grade of D (50%) (1.00) is required to pass this course.

Letter	F	D	D+	C-	C	C+	B-	B	B+	A-	A	A+
Percent Range	0-49	50-52	53-56	57-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	1.00	1.30	1.70	2.00	2.30	2.70	3.00	3.30	3.70	4.00	4.00

Students must maintain a cumulative grade of C (GPA - Grade Point Average of 2.00) in order to qualify to graduate.

Attendance

Classroom and laboratory attendance is considered vital to the learning process and as significant to the students' evaluation as examinations and reports, therefore absenteeism is recorded.

- a. Students having a combination of excused and/or unexcused absence of 20 percent or higher for the scheduled course hours can be required to withdraw and would then

automatically receive a "RW" (required withdrawal) for the course, regardless of any other evaluation results. (RW is a failing grade).

- b. An excused absence is one that is verified with your instructor. Verification should be prior to the absence or the next class day following the absence. Verification of the absence may take the form of a note from your doctor/College nurse regarding illness, or a note from another instructor regarding a field trip or other activity, or authorization by your instructor following an in-person meeting. Be sure to contact your instructor and ask what they will require from you as verification for each absence. An unexcused absence is anything NOT verified by the instructor prior to the absence or the next class day following the absence.

NOTE: Any exceptions to the above attendance policy (e.g. timetable conflicts, work-related issues) must be approved in writing by the Department Chair prior to the beginning of the course.

It is the students' responsibility to know their own absentee record.

Normal hours are 8:30 a.m. to 6:30 p.m., with potential for evening courses, exams or extended field trips. Students are expected to be available for classes during these times.

Course Units/Topics

Lectures and Labs:

1. Wilderness and Remote First Aid with Level C CPR and AED (multi-day workshop including lecture and field activities)
2. Wilderness Survival workshop (field module)
3. Motorized watercraft operation and safety (field module)
4. Canadian Firearms Safety Course (lecture and practical demonstrations)
5. Bear awareness and Avoidance course (lecture/seminar and field module to demonstrate non-lethal deterrents))
6. Axe and chainsaw safety and operation (field module)



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