

Rope Rescue

Business, Technology and Outdoor Training

Course Number: OAD7440	Contribution to Program: Vocational	Normative Hours: 16
Applicable Program(s): 6780X01FPM Outdoor Adventure	AAL: 4	Core/Elective: Elective
Prepared by: Cameron Dube Technologist		Approved by: Murray Kyte Chair
Co-Requisites OAD7431		Approved for Academic Year: 2013-2014
Pre-Requisites N/A		

COURSE DESCRIPTION

Students develop climbers' rig and rope rescue skills in both industrial and recreational environments. Core topics, such as anchors, technical rescue systems, rappelling, and ascending used in both recreational climbing and tower settings are covered.

RELATIONSHIP TO VOCATIONAL LEARNING OUTCOMES

This course contributes to your program by helping you achieve the following Vocational Learning Outcomes:

Outdoor Adventure 6780X01FPM

- 1 Provide authoritative, risk-assessed leadership to individuals and groups in outdoor settings. (A)
- 7 Respond effectively to first aid and search and rescue requirements in wilderness settings. (A)

T: Teach A: Assess CP: Culminating Performance

ESSENTIAL EMPLOYABILITY SKILLS

The course contributes to your program by helping you achieve the following Essential Employability Skills:

- 1 Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience.(A)
- 2 Respond to written, spoken or visual messages in a manner that ensures effective communication.(A)
- 4 Apply a systematic approach to solve problems.(A)
- 5 Use a variety of thinking skills to anticipate and solve problems.(A)
- 7 Analyze, evaluate and apply relevant information from a variety of sources.(A)
- 9 Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals. (A)
- 10 Manage the use of time and other resources to complete projects.(A)
- 11 Take responsibility for one's own actions, decisions and consequences.(A)

T: Teach A: Assess CP: Culminating Performance

COURSE LEARNING REQUIREMENTS/EMBEDDED KNOWLEDGE AND SKILLS

COURSE LEARNING REQUIREMENTS When you have earned credit for this course, you will have demonstrated the ability to:	EMBEDDED KNOWLEDGE AND SKILLS
1. Display safe behavior at all times and utilize the core outdoor leadership components	<ul style="list-style-type: none"> 1 display positive attitude 1 participate in all aspects of activity 1 lead and follow appropriate to the situation 1 demonstrate conservative judgment and safety 1 explain decision making processes

	<ul style="list-style-type: none"> 1 demonstrate ability to communicate efficiently to peers, instructors and the public 1 contribute to the best of your ability 1 know and display the ability to explain expedition behaviour 1 Safety behavior: <ul style="list-style-type: none"> o Display safe behavior at all times o No action threatens safety of self or others o No evidence of recklessness or unsafe spontaneity o Behaves in a predictable manner o Takes direction and criticism in activity, tasks & behavior o Focused in high risk environments & activities o Shows regard and respect for safety practices and equipment o Displays personal awareness of capabilities and limitations
2. Assess and access a stranded climber in a vertical environment.	<ul style="list-style-type: none"> 1 know the principles of a redirect with the ability to demonstrate 1 Demonstrate and explain proficiencies with: <ul style="list-style-type: none"> o rappelling techniques in a rescue scenario o ascending fixed lines 1 demonstrate the ability to build a system for victim retrieval
3. Prepare a casualty for rescue in a stretcher.	<ul style="list-style-type: none"> 1 become familiar with the role and duties required as a litter attendant within a rescue scenario demonstrate and explain proper patient management 1 know the implications and limitations to using a two person life-load system
4. Demonstrate and explain various methods of hauling or lowering.	<ul style="list-style-type: none"> 1 <ul style="list-style-type: none"> o explain 'mechanical advantage' and its limitations in a rescue situation o explain and demonstrate belay methods for particular rescue systems and their limitations
5. Explain and improvise a rescue system with a minimum amount of equipment.	<ul style="list-style-type: none"> 1 <ul style="list-style-type: none"> o demonstrate proper use of equipment o demonstrate and explain decision making processes, such as the "ladder approach"

LEARNING RESOURCES

Graydon, D. & Hanson, K. (1997). *Mountaineering: Freedom of the hills.*, 8th edition. Mountaineer Books.

Selected hand-outs from Rescue texts

LEARNING ACTIVITIES

During this course, you are likely to experience the following learning activities:

- 1 Lecture
- 1 Mock horizontal group scenario(s)
- 1 Group vertical rescue scenario(s) in various environments

Samples of learning activities include:

- 1 Rappelling with pick offs
- 1 Rigging and hauling procedures
- 1 Patient packaging and stretcher rigging
- 1 Scenarios
- 1 Oral and/or written quiz

EVALUATION/EARNING CREDIT

The following will provide evidence of your learning achievements:	This activity validates the following Course Learning Requirements and/or Essential Employability Skills:
Display safe behavior at all times and utilize the core outdoor leadership components - 30%	1 Explain and improvise a rescue system with a minimum amount of equipment. - [CLR 5]

	<ul style="list-style-type: none"> 1 Display safe behavior at all times and utilize the core outdoor leadership components - [CLR 1] 1 Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience. - [EES 1] 1 Respond to written, spoken or visual messages in a manner that ensures effective communication. - [EES 2] 1 Apply a systematic approach to solve problems. - [EES 4] 1 Use a variety of thinking skills to anticipate and solve problems. - [EES 5] 1 Analyze, evaluate and apply relevant information from a variety of sources. - [EES 7] 1 Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals. - [EES 9] 1 Take responsibility for one's own actions, decisions and consequences. - [EES 11] 1 Manage the use of time and other resources to complete projects. - [EES 10]
<p>Quiz - Written - 30%</p>	<ul style="list-style-type: none"> 1 Display safe behavior at all times and utilize the core outdoor leadership components - [CLR 1] 1 Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience. - [EES 1] 1 Respond to written, spoken or visual messages in a manner that ensures effective communication. - [EES 2] 1 Apply a systematic approach to solve problems. - [EES 4] 1 Use a variety of thinking skills to anticipate and solve problems. - [EES 5] 1 Analyze, evaluate and apply relevant information from a variety of sources. - [EES 7] 1 Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals. - [EES 9] 1 Take responsibility for one's own actions, decisions and consequences. - [EES 11] 1 Manage the use of time and other resources to complete projects. - [EES 10]
<p>Quiz - Practical - 40%</p>	<ul style="list-style-type: none"> 1 Assess and access a stranded climber in a vertical environment. - [CLR 2] 1 Prepare a casualty for rescue in a stretcher. - [CLR 3] 1 Demonstrate and explain various methods of hauling or lowering. - [CLR 4] 1 Explain and improvise a rescue system with a minimum amount of equipment. - [CLR 5] 1 Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience. - [EES 1] 1 Respond to written, spoken or visual messages in a manner that ensures effective communication. - [EES 2] 1 Apply a systematic approach to solve problems. - [EES 4] 1 Use a variety of thinking skills to anticipate and solve problems. - [EES 5] 1 Analyze, evaluate and apply relevant information from a variety of sources. - [EES 7]

- 1 Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals. - [EES 9]
- 1 Take responsibility for one's own actions, decisions and consequences. - [EES 11]
- 1 Manage the use of time and other resources to complete projects. - [EES 10]

COLLEGE GRADING NUMERICAL EQUIVALENT TABLE

Final Grade	Mark Equivalent	Numeric Value	Final Grade	Mark Equivalent	Numeric Value
A+	90-100%	4.0	C+	67-69%	2.3
A	85-89%	3.8	C	63-66%	2.0
A-	80-84%	3.6	C-	60-62%	1.7
B+	77-79%	3.3	D+	57-59%	1.4
B	73-76%	3.0	D	53-56%	1.2
B-	70-72%	2.7	D-	50-52%	1.0
			F	0-49%	0
			FSP	0	0

PRIOR LEARNING ASSESSMENT AND RECOGNITION

Students who wish to apply for prior learning assessment and recognition (PLAR) need to demonstrate competency at a post-secondary level in all of the course learning requirements outlined above. Evidence of learning achievement for PLAR candidates includes:

- 1 Not Applicable

RELATED INFORMATION

The following information is course-specific:

STUDENT ACADEMIC RESPONSIBILITIES

You are responsible for the following: A passing grade in this course does not represent nor ensure 'certification' in the course area. Certification standards are regulated by outside agencies, and separate evaluation criteria may be employed by that outside agency to grant certification. A passing grade represents proficiency in the Course Curriculum listed previously, and is not associated with any certification. Attending classes and completing ALL assignments. Attendance will be taken. If a student is absent for any reason whatsoever, that student may receive a 'fail' for the entire course. The missed/failed course must be completed at a later date (usually the next year). The missed course may have to be completed before the second level course can be taken, and must be completed before the student graduates from the program. All assignments, tests, and quizzes must be completed in order to successfully pass this course.

Short Practical Skills Courses (16 hours or less): Students must attend all days/hours in order to be eligible to pass the course. Missing any portion of a short course will result in the student failing that skills course.

Knowing due dates for assignments and meeting these dates. ALL assignments must be submitted on or before the due date. Any assignment handed in late will be penalized 10% per day. Assignments that are 7 (seven) days or more overdue will be given a grade of 0 (zero) yet must still be completed and submitted. Failing to submit a required assignment will result in an overall course grade of 'F'. All assignments must be submitted in class, in proper format. Extraordinary circumstances: "Wherever possible, students are expected to anticipate their need for special allowances, and enter into discussion and make necessary arrangements with the appropriate faculty member (or other academic officer) in advance of the situation. In all cases, special allowances are subject to negotiation and agreement between the faculty member and the student concerned".

Plagiarism and Academic Dishonesty

Completing each assignment independently (unless it involves group work). Students are encouraged to help one another however, assignments must be the original work of the student submitting it. Any student handing in work that has been copied, plagiarized or not his/her own work will face academic discipline in accordance with the College's policies on Plagiarism and Academic Dishonesty. Further, any student allowing their work to be copied or plagiarized will also face academic discipline in accordance with same policies. Ignorance or blind acquiescence of such practice or behavior will not be tolerated.

Taking quizzes and exams on the announced date unless arrangements have been PRIOR to the date. There must be good reason (exceptional circumstances) for a change and permission may be denied. A quiz or exam not taken will result in a mark of 0 (zero).

Contact: If a student is having difficulty with any part of the course, it is their responsibility to seek help.

I am available to help and can be contacted:

Professor: Jeff Jackson

Office: Room 318

Tel: 735-4700, ext. 2704

E-mail: jacksoj@algonquincollege.com

The following information is school/department-specific:

The following information is College-wide:**Email**

Algonquin College provides all full-time students with an e-mail account. This is the address that will be used when the College, your professors, or your fellow students communicate important information about your program or course events. It is your responsibility to ensure that you know how to send and receive e-mail using your Algonquin account and to check it regularly.

Centre for Students with Disabilities (CSD)

If you are a student with a disability, it is strongly recommended that you identify your needs to the professor and the Centre for Students with Disabilities (CSD) by the end of the first month of the semester in order that any necessary support services can be arranged for you.

Academic Integrity* & Plagiarism*

Adherence to acceptable standards of academic honesty is an important aspect of the learning process at Algonquin College. Academic work submitted by a student is evaluated on the assumption that the work presented by the student is his or her own, unless designated otherwise. For further details consult Algonquin College Policies AA18 <http://www3.algonquincollege.com/directives/policy/academic-discipline/> and AA20 <http://www3.algonquincollege.com/directives/policy/plagiarism/>

Student Course Feedback*

It is Algonquin College's policy to give students the opportunity to complete a course assessment survey in each course that they take which solicits their views regarding the curriculum, the professor and the facilities. For further details consult Algonquin College Policy AA25 <http://www3.algonquincollege.com/directives/policy/course-assessment/>

Use of Electronic Devices in Class*

With the proliferation of small, personal electronic devices used for communications and data storage, Algonquin College believes there is a need to address their use during classes and examinations. During classes, the use of such devices is disruptive and disrespectful to others. During examinations, the use of such devices may facilitate cheating. For further details consult Algonquin College Policy AA32 <http://www3.algonquincollege.com/directives/policy/use-of-electronic-devices-in-the-academic-environment/>

Transfer of Credit

Students, it is your responsibility to retain course outlines for possible future use to support applications for transfer of credit to other educational institutions.

Note: College policies (previously called directives) are under review and redesign. The term *directives* is being retired. Students, it is your responsibility to refer to the Algonquin College Directives/Policies website for the most current information available at <http://www3.algonquincollege.com/directives/>