canadianavalanche**association**

When reading the following course goals and learning objectives, assume that each goal and objective begins with the following phrase:
*By the end of the course/lesson, learners will be able to…

Course Goals		Related Learning Objectives				
A.	**Collect & evaluate detailed snowpack data**	1. Explain snowpack processes & properties	2. Explain avalanche initiation	3. Explain spatial variability of snowpack	4. Describe the differences and application of: ST,CT,RB,ECT,PST, DTT	
B.	**Forecast snow stability trends and avalanche hazard levels**	1. Describe the elements of the conceptual model	2. Apply the terms avalanche risk, danger, hazard and snow stability,			
C.	**Evaluate terrain**	1. Describe how terrain affects snowpack development at both the micro and macro scales	2. Collect terrain data	3. Analyze terrain for its capacity to produce avalanches including estimate of frequency, magnitude and type		
D.	**Manage personal performance**	1. Recognize the implications of his/her personal location on the novice to expert continuum	2. Recognize strengths & challenges of his/her learning style	3. Describe sources of cultural and social biases that affect personal & group decision-making	4. Use appropriate techniques to compensate for limitations affecting personal decision-making	5. Apply positive self-evaluation techniques

		6. Use appropriate techniques to turn 'experiences' into 'useful experiences'			
E.	**Manage personal wellness**	1. Explain the importance of good health to mental performance & good decision-making	2. Minimize the impact of fatigue on decision-making	3. Describe the effect of Circadian rhythms on performance	4. Manage the impact of acute stress on decision-making	5. Manage personal wellness factors to optimize decision-making
F.	**Apply effective communication skills**	1. Use active listening skills	2. Consider the value of diverse perspectives	3. Give & receive feedback in a constructive way	4. Lead an operational activity and discussion	5. Apply conflict resolution skills
		6. Respond effectively to customer/co-worker/employer questions & concerns				
G.	**Demonstrate effective participation in a team**	1. Explain group development & group dynamics	2. Describe advantages of different learning styles within a team	3. Describe the characteristics of an effective avalanche team	4. Contribute to team success	
H.	**Develop concepts of risk management for the workplace**	1. Define risk & risk management	2. Identify the elements of good risk management in avalanche operations	3. Describe methods and theories of accident investigation and prevention	4. Describe techniques that would optimize the risk target	5. Discuss worker safety regulations
		6. Describe current risk management guidelines as they apply to the workplace				

I.	**Make appropriate operational decisions to optimize risk in the workplace**	1. Explain the role of situational awareness in decision-making	2. Explain the influence, application and limitations of Heuristics, Rules, Knowledge, Intuition and Board Room decision models in avalanche work	3. Explain the key industry parameters & logistics that influence operational decisions.	4. Describe the factors needed to promote good individual, group & organizational decision-making	5. Explain the role of constructive critique during operational decision-making
		6. Develop strategies for managing self/client/peer/employer pressures on decision-making	7. Maintain environmental scan to improve situational awareness			
J.	**Model professionalism**	1. Explain the characteristics of a professional	2. Describe a personal continuing professional development plan			
K.	**Describe the scope of practice for Level 2 avalanche operations**	1. Discuss Level 2 mentorship				