



ATBO-250 – Avalanche Skills Training Level 2

Business

Effective Term & Year: Fall 2022

Course Outline Review Date: 2024-04-01

Program Area: Tourism, Recreation, & Hospitality

Description:

This course is designed for the intermediate back country skier or splitboarder who wants to start exploring more complex avalanche terrain independently. This course will emphasize the practical collection and analysis of relevant data that an average backcountry skier or splitboarder would be able to use as the basis for making decisions regarding travel in avalanche terrain. This course follows the curriculum for the Canadian Avalanche Centre Avalanche Skills Training Level 2 course. Successful students will receive a CAC AST Level 2 Certification.

Program Information:

This course is an elective course of the Adventure Tourism Business Operations Diploma program. It is typically taken in the second year of ATBO studies.

Delivery Methods: On-campus (Face-to-Face), Practicum

Credit Type: College of the Rockies Credits

Credits: 2

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	8
Seminar/Tutorials	
Laboratory/Studio	

Practicum/Field Experience	32
Co-op/Work Experience	
Other	
Total	40

Course Requisites:

None

Flexible Assessment: No**Course Transfer Credit:**

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see <https://www.bctransferguide.ca/> or <https://transferalberta.alberta.ca> . For more transfer credit information, please visit <https://www.cotr.bc.ca/Transfer>

All requests for course transfer credit from institutions in British Columbia or elsewhere should go to the College of the Rockies Enrolment Services office.

Textbook Resources:

Textbook selection varies by instructor and may change from year to year. At the Course Outline Effective Date the following textbooks were in use:

Staying Alive in Avalanche Terrain, by Bruce Tremper (provided on course)

Decision Making in Avalanche Terrain, by Canadian Avalanche Centre (provided on course)

Please see the instructor's syllabus or check COTR's online text calculator <https://textbook.cotr.bc.ca/> for a complete list of the currently required textbooks.

Learning Outcomes:

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

- access professionally prepared information presented online, such as avalanche bulletins, weather forecasts, and mountain conditions reports;
- develop a systematic approach towards evaluating snow stability and hazard;
- use a variety of tests in snow pits (such as compression tests, shear tests, burp tests, etc.) to collect information on snow stability;
- apply the Avalanche Terrain Exposure Scale (ATES) to assess the hazard posed by the surrounding terrain;
- use appropriate route selection choices to make informed decisions when skiing and splitboarding in avalanche terrain; and
- proficiently carry out a companion rescue.

Course Topics:

- Review of the AST 1 course material
- Snow crystals, weak layers
- Snowpacks, snow regions
- Snow stability tests
- The influence of weather
- The evaluator, ATES, and terrain
- Trip planning
- Judgement and decision making in avalanche terrain

See instructor's syllabus for the detailed outline of weekly readings, activities and assignments.

Evaluation and Assessments

Assessment Type: On-Campus (face-to-face)

Assessment Type	% of Total Grade
Movement Skills	40%
Technical Skills	30%
Safety Skills	30%
Total	100%

Grade Scheme

COM	NCG
Completed to the minimum defined standard	No credit granted – less than minimum defined standard

Evaluation Notes Comments:

This course is graded as complete or incomplete. To complete the course, the student must pass the CAC Avalanche Skills Training Level 2 Certification course.

Please see the instructor's syllabus for specific classroom policies related to this course, such as details of evaluation, penalties for late assignments, and use of electronic aids.

Exam Attendance:

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a "0" on the exam.

Academic Policies:

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.4.3 Students with Documented Disabilities
 - Policy 2.4.4 Student Conduct (plagiarism, other cheating, behavioral misconduct)
 - Policy 2.5.8 Academic Performance
 - Policy 2.5.3 Grade Appeal
 - Policy 2.4.9 Student Concerns Re Faculty
-

Course Changes:

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.