

Colorado Outdoor Recreational Leadership Course Scope and Sequence

Course Name	Backpacking		Course Details	Level 2 course in the Outdoor Recreational Leadership Pathway.	
			Course = 0.50 Carnegie Unit Credit		
Course Description	The course provides skills related to wilderness travel and outdoor adventure. Emphasizes knowledge of backpacking skills, survival techniques, proper physical conditioning, route finding, equipment selection, and an understanding and respect for the environment. The course incorporates lecture and discussion sessions followed by a weekend trip in the mountains.				
Note:	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all essential knowledge and skills are covered.				
SCED Identification #		Schedule calculation based on 60% of a semester instructional time. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.			
All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at https://www.cde.state.co.us/standardsandinstruction/essentialskills					
Unit Number, Title and Brief Description	CTE or Academic Standard Alignment	Competency / Performance Indicator	Outcome / Measurement	CTSO Integration	
Unit 1: Introduction to backpackings	Preparations	Employ proper preparation for backpacking.			
Unit 2: The backpack	Types of backpacks	Identify the different types and sizes of pack and how to correctly fit packs.			
	Organizing the pack	Review how to organize the pack suitable to the length for the trip.			
Unit 3: Choosing a campsite	Selecting a campsite	Discuss how to wisely select a campsite.			
	Making camp				
Unit 4: Food and eating practices	Operate a camp stove	Employ proper sanitation practice and courtesy to others in the campsite.			
	Minimize fire damage				
	Disposal of garbage	Demonstrate correctly choosing and organizing a kitchen.			
	Handling water in the backcountry				
	Storage of food				

Unit 5: Backpacking Dangers	Environment	Evaluate the environment and how to avoid inclement weather and rough terrain.		
Unit 6: Assembly the outfit	Type of outing Budget for outing Checklist Equipment for outing	Demonstrate the proper way to fill and adjust a backpack along with walking with a pack. Employ setting up camp and equipment Formulate a comprehensive plan for the trip.		
Unit 7: Route-finding	Compass and contour maps Orientation Rough Terrain	Practice how to utilize a compass and read contour maps. Demonstrate how to move across the various types of rough terrain.		
Unit 8: Field Trip	Application of Skills			

Academic Standards Alignment

Colorado CTE courses are required to integrate academic and essential skills into course content. The following academic standards have been identified as aligned to this course and should be integrated throughout instruction.

[CO CTE Academic Standards Resources](#) (Rubrics, integration strategies, etc)

[CDE Colorado Academic Standards Online](#) (Online standards lookup tool)

Reading, Writing, & Communicating

Standard 1: Oral Expression and Listening

- Prepared Graduate 1: Collaborate effectively as group members or leaders who listen actively and respectfully; pose thoughtful questions, acknowledge the ideas of others; and contribute ideas to further the group's attainment of an objective.
 - Students participate in lectures, discussions, trip planning activities, campsite selection, and field experiences that require collaboration, communication, and shared decision-making during wilderness travel and outdoor adventure activities.

Standard 2: Reading for All Purposes

- Prepared Graduate 4: Read a wide range of informational texts to build knowledge and to better understand the human experience.

- Students interpret route maps, contour maps, equipment specifications, environmental information, safety guide to develop knowledge and skills necessary for safe and effective wilderness travel.
- Prepared Graduate 5: Understand how language functions in different contexts, command a variety of word-learning strategies to assist comprehension, and make effective choices for meaning or style when writing and speaking.
 - Students develop and apply specialized vocabulary related to backpacking equipment, route finding, environmental hazards, campsite selection, outdoor safety, and wilderness travel.

Standard 3: Writing and Composition

- Prepared Graduate 7: Craft informational/explanatory texts using techniques specific to the genre.
 - Students develop checklists, equipment plans, trip plans, route information, and organizational materials that communicate procedures and logistical information for backcountry travel.

Standard 4: Research Inquiry and Design

- Prepared Graduate 10: Gather information from a variety of sources; analyze and evaluate its quality and relevance; and use it ethically to answer complex questions.
 - Students evaluate environmental conditions, terrain, weather, equipment options, route information, and trip logistics to formulate comprehensive backpacking plans and make informed decisions for wilderness travel.

Note: *Mathematics and Science standards will be added in the future. Visit the [Colorado Academic Standards](#) page for the most current version.*