

Colorado Outdoor Recreational Leadership Course Scope and Sequence

Course Name	Leave No Trace		Course Details	Level 1 course in the Outdoor Recreational Leadership Pathway.	
			Course = 0.50 Carnegie Unit Credit		
Course Description	This course introduces the student to the principles of Leave No Trace and prepares students to teach Leave No Trace curriculum in a variety of outdoor and urban settings. This class is a must for guides, outfitters, outdoor educators, agency employees, scout/youth group leaders, or anyone who cares about minimizing impact on the Colorado backcountry.				
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					
Unit 2: History of Leave No Trace		Identify the role, function, and history of Leave No Trace, Inc.			
Unit 3: Wildland Ethics					
Unit 4: Teaching Skills		Describe various teaching styles for students and instructors.			
Unit 5: LNT Principles		Review the principles and ethics of Leave No Trace			
Unit 6: LNT Principles- Teaching Group Assignments		Design an student-led teaching exercise with an LNT principle/			
Unit 7: Equipment Checklist					
Unit 8: Form Handouts					
Unit 9: Trip Planning					
Unit 10: LNT Principle & Group work time					

Unit 11: Trainer Qualifications				
Unit 12: Where to go from here?				
Unit 13: Liability forms				

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 collaborate in group activities and work together to design and deliver student-led instruction on Leave No Trace principles, requiring active listening, leadership, and effective teamwork.
- Prepared Graduate 2: Deliver effective oral presentations for varied audiences and varied purposes.
 - Students develop and present student-led teaching exercises on Leave No Trace principles and learn instructional strategies appropriate for a variety of audiences and settings.

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 study the history, principles, ethics, teaching methodologies, trainer qualifications, and trip planning resources associated with Leave No Trace practices.
- 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 environmental ethics, outdoor education, Leave No Trace principles, instructional practices, and trip planning.

Standard 3: Writing and Composition

- Prepared Graduate 7: Craft informational/explanatory texts using techniques specific to the genre.
- Students create instructional materials, equipment checklists, handouts, and trip planning documents designed to communicate principles and practices effectively to others.

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 research the history, ethics, and principles of Leave No Trace; evaluate instructional methods; and apply trip planning and environmental stewardship practices to minimize human impact in outdoor and urban environments.

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