

Colorado Outdoor Recreational Leadership Course Scope and Sequence

Course Name	White Water Rafting		Course Details	Level 4 course in the Outdoor Recreational Leadership Pathway. Prerequisite: River Orientation
			Course = 0.50 Carnegie Unit Credit	
Course Description	This field experience course provides whitewater boat handling and reading skills through experience on selected rivers in Colorado and Utah. Students will learn river trip planning, safety procedures, equipment, logistics, camp management, hazard evaluation, and minimum environmental impact on environments. Safe and efficient river travel, leadership, and judgment development are emphasized.			
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 River Running Equipment		Transport, repair, and adequately care for rafts on short and extended trips. Fundamentals of outdoor leadership and group handling skills in the back country river environment.		
Unit 2: Introduction to Safety Equipment		Use and become familiar with safety equipment and its application to river rescue. Evaluate potential hazardous river conditions, obstacles, and situations in a safe manner.		
Unit 3: Equipment, repair, and Transport		Transport, repair, and adequately care for rafts on short and extended trips.		
Unit 4: Discussion of Hazardous River Conditions and Obstacles		Issues and ideas related to minimum impact approaches to river environments.		

Unit 5: River Rescue/Safety				
Unit 6: On-water Skills Training	How to read water and navigate water craft. River Camping Ongoing discussion of river natural history, geology, and archaeology Discussion of group and individual dynamics Discussion of local, state, and federal river regulations. Discussion and practice of minimal impact approaches to river environment. Techniques for safe and efficient river travel with groups. Fundamentals of outdoor leadership and group handling skills in the backcountry river environment. Using experiences gained through whitewater rafting to develop judgment relating to outdoor leadership.	Manage all aspects of camping, including site selection, cooking, sanitation, and safety procedures. Group and individual dynamics in backcountry river locations. Local, state, and federal river running regulations.		

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)

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 develop leadership and teamwork skills through group river travel, outdoor leadership experiences, river rescue activities, camp management, and group decision-making in backcountry river environments.

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 information related to river hazards, safety procedures, rescue equipment, river navigation, natural history, geology, archaeology, environmental ethics, camping procedures, and local, state, and federal river regulations.
- 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 river hydrology, river rescue, navigation, outdoor leadership, environmental ethics, geology, archaeology, camping practices, and river management regulations.

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 river conditions, hazards, rescue procedures, equipment needs, environmental impacts, camping logistics, group dynamics, and regulatory requirements to make informed decisions related to safe and effective river travel and outdoor leadership.

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