



# A Pathway to Success

Become an impactful leader!

2019-2020

[www.ltcc.edu/wilderness](http://www.ltcc.edu/wilderness)

WEOL 1

# Our Vision

At Lake Tahoe Community College, our Wilderness Education and Outdoor Leadership Program challenges the status quo by thinking and educating differently. We do this, so you can develop your leadership, technical, and teaching skills to be an impactful leader. Your classroom is Lake Tahoe and the Sierra Nevada, a premier wilderness environment. Come and join us... “the mountains are calling!”





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# Why LTCC's Wilderness Education and Outdoor Leadership Program?



The Wilderness Education and Outdoor Leadership (WEOL) Program provides opportunities to cultivate premier leaders who primarily operate in a wilderness environment. In addition, the WEOL program fosters lifelong learning, develops responsible stewardship of wilderness resources, and encourages civic engagement.

The program accomplishes this by taking a holistic and experiential approach to all aspects of education within the curriculum. Our emphasis is on every student achieving their full potential while maintaining the highest technical standards.



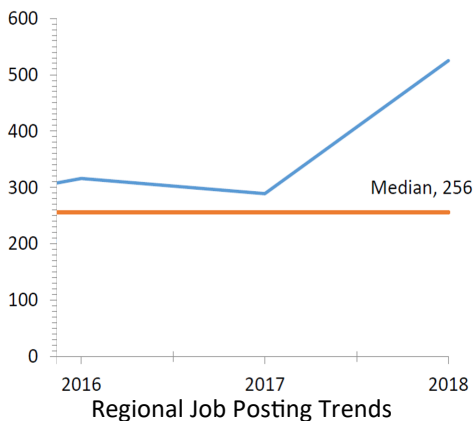
**Search and Rescue Professional**  
**Wilderness Educator / Coach**  
**Natural Resource Manager**  
**Ski Patroller / Wilderness Medicine**  
**Wilderness Interpreter**  
**Wilderness Trip Leader**  
**Wilderness Naturalist**  
**Forest Service Ranger**  
**Climbing Instructor**  
**Professional Guide**  
**Eco Tour Guide**

**What you can do**



**COE**

**CENTERS OF EXCELLENCE**  
Inform Connect Advance



Overall, regional employment opportunities are exhibiting somewhat faster than average growth with nearly seven out of ten jobs being in the Outdoor Recreation field.\*

\*Findings in this report were determined using labor market data from the Bureau of Labor Statistics (BLS), U.S. Census Bureau data from EMSI and job posting data from Burning Glass.

# Learn by Doing

- ⇒ Develop, evaluate and apply appropriate leadership and communication styles, experiential learning, leading, guiding and coaching, and mental performance methods.
- ⇒ Understand land management organizations, protocols for use, and implement appropriate sustainability principles.
- ⇒ Identify and engage various organizations that have influenced wilderness education and the outdoor adventure industry.
- ⇒ Master movement skills and appropriate application of technical equipment and systems.
- ⇒ Apply critical thinking, good judgment, and sound decision-making when managing risk and assessing legal implications of wilderness activities.
- ⇒ Understand and apply operational management and entrepreneurial methods as they apply to the wilderness education and outdoor adventure industry.



# A Pathway to Completion

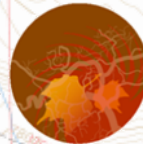
Summer after high school graduation



WLD 105A Summer Field Experience

There are many pathways to completion; however, this is the quickest!

WLD 100 Foundations of Rec Land Management  
WLD 103 Fundamentals of WEOL



WLD 105B Winter Field Experience  
BSN 100 Introduction to Business



In order to earn you're (90 unit) A.A. in WEOL you will need to complete the General Education Requirements along your path.

WLD 105C Wilderness Navigation  
WLD 107B Wilderness First Responder  
WLD 200 Techniques of Instructing, Facilitation & Guiding  
WLD 110B Leave No Trace Trainer



WLD 133 Occupational Work Experience



WLD 116 Mountain Weather



WLD 201 Expedition Planning



Along the way you can also earn Employable Skills Certificates in the various skill disciplines.

WLD 240 WEOL Capstone



A.A.  
WEOL

WEOL 7

Employable Skills Certificates (ESC) offer students the opportunity to gain fundamental skills along with essential industry certifications.

While each ESC is “stand-alone” they are designed to directly enhance the AA degree or Certificate of Achievement in Wilderness Education and Outdoor Leadership.

American Mountain Guides Association



**AIARE**

Avalanche Research + Education





# Climbing Instructor

Many people are introduced to the sport of rock climbing in a climbing gym or at a single pitch climbing area. As a result, most climbing gyms, commercial guide services, and educational organizations require climbing instructors to have and maintain the appropriate level of experience and certification.

WLD 107B Wilderness First Responder  
WLD 110B Leave No Trace Trainer



WLD 120A Rock Climbing: Beginning  
WLD 120B Rock Climbing: Intermediate



WLD 120C Rock Climbing: Advanced  
WLD 123B Single Pitch Instructor Course



WLD 123A Climbing Wall Instructor



WLD 123C Single Pitch Instructor Assessment





# Basic Mountain Guide



WLD 107B Wilderness First Responder  
WLD 120A Rock Climbing: Beginning  
WLD 120B Rock Climbing: Intermediate\*



WLD 128A Decision Making in Avalanche Terrain  
WLD 110B Leave No Trace Trainer



WLD 117A Beginning Mountaineering  
WLD 117B Intermediate Mountaineering

Many people are introduced to mountain climbing as an extension of their rock climbing experience. Most commercial guide services and educational organizations require mountaineering guides to have and maintain the appropriate level of experience and certification.



# Basic Ski Guide

Backcountry skiing and splitboarding have grown significantly in popularity in recent years. Most commercial guide services and educational organizations require backcountry ski/splitboard guides to have and maintain the appropriate level of experience and certification. This Employable Skills Certificate will prepare the student for the AMGA Ski/Splitboard Guides Course and an A3 recognized Professional 1 course.



**WLD 107B Wilderness First Responder**



**WLD 110B Leave No Trace Trainer**

- WLD 125A Backcountry Skiing/Splitboarding: Beginning**
- WLD 125B Backcountry Skiing/Splitboarding: Intermediate**
- WLD 126C Multi-Day Backcountry Skiing/Splitboarding Touring**
- WLD 128A Decision Making in Avalanche Terrain**



# Ski or Snowboard Instructor

Alpine Skiing

Cross Country Skiing

Telemark Skiing

Snowboarding



Resort skiing (on piste) is a large industry employer within the Tahoe region. This Employable Skills Certificate is designed to advance your love of skiing into a full-fledged career with Level 1 Professional Ski Instructor Association/Association of Snowboard Instructors (PSIA/AASI) certification.



WLD 107A Wilderness First Aid (or better)  
WLD 128E AIARE Avalanche Rescue  
WLD 200 Techniques of Instructing, Facilitating, Guiding & Coaching



WLD 110B Leave No Trace Trainer  
WLD xxx Beginning  
WLD xxx Intermediate  
WLD xxx Advanced  
WLD xxx PSIA/AASI Level 1 Exam Prep  
WLD xxx PSIA/AASI Level 1 Exam

Note: WLD xxx represents course number for appropriate level, see current catalog for details.





# Whitewater Rafting Guide



With over 50 whitewater rafting outfitters in California, Oregon, and the mountain west, you can jumpstart your career as a rafting guide with this Employable Skills Certificate. This certificate provides the opportunity to receive certification from the International Rafting Federation (IRF), among others, which will allow you to operate internationally within IRF member countries.



WLD 107B Wilderness First Responder



WLD 110B Leave No Trace Trainer



WLD 140A Whitewater: Beginning  
WLD 140B Whitewater: Intermediate  
WLD 140C Whitewater Guide School  
WLD 140D Whitewater Guide Assessment  
WLD 114A Swiftwater Rescue



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# Sea Kayaking Guide



The Sea Kayaking Guide is an entry level Employable Skills Certificate that will enable you to enter the Sea Kayaking profession. Most commercial guide services and educational organizations require their Sea Kayak guides to have and maintain the appropriate level of experience and certification.

WLD 107B Wilderness First Responder



WLD 110B Leave No Trace Trainer

WLD 141B Flatwater Rescue

WLD 146A Sea Kayaking: Beginning

WLD 146B Sea kayaking: Lake Tahoe's Water Trail

WLD 146C Multi-Day Trip Leader Sea Kayaking

WLD 146D Sea Kayaking Touring Trip Leader/Guide Assessment







The Search and Rescue Employable Skills Certificate provides students with necessary skills and knowledge to actively participate in Search and Rescue efforts. The certificate blends hands-on practice with both theory and data supported instruction. Upon successful completion, you will earn a National Association for Search and Rescue (NASAR) Search and Rescue Tech 2. certificate.



WLD 105C Wilderness Navigation  
WLD 107B Wilderness First Responder  
WLD 112D Tracking



WLD 102 Introduction to Search and Rescue  
WLD 112E Search Theory



WLD 113A Search and Rescue Assessment  
WLD 119A Technical Rope Rescue

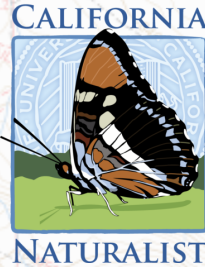
**Plus one of the following**  
WLD 128E AIARE Avalanche Rescue  
WLD 141A Swiftwater Rescue  
WLD 141B Flatwater Rescue  
WLD 141C Ice Rescue



# Search and Rescue

# Wilderness Naturalist

With the California Naturalist and other industry certificates you will have the education and necessary skills to begin or advance your career with local, state, and national government land management organizations or with non-government land advocacy organizations.



EVS 110 California Naturalist  
WLD 100 Foundations of Recreation Land Management



WLD 107A Wilderness First Aid (or better)



WLD 105C Wilderness Navigation  
WLD 110B Leave No Trace Trainer



One of the following with lab

GEL 102 Physical Geology

BIO 149 Ecology

BIO 201 Botany

BIO 212 Zoology



# Wilderness Emergency Medical Technician

Wilderness Medicine training provides students with the high-level instruction necessary to render medical care for outdoor and wilderness medical emergencies. The Wilderness Emergency Medical Technician (WEMT) bridges wilderness and urban settings. Both HEA 140C Emergency Medical Technician and WLD 107B Wilderness First Responder courses must be successfully completed to earn your WEMT Certificate.



WLD 107B Wilderness First Responder



HEA 140C Emergency Medical Technician  
WLD 107B Wilderness First Responder



HEA 140C Emergency Medical Technician



HEA 140C Emergency Medical Technician  
WLD 107B Wilderness First Responder

# Start your Adventure!

What better way than to start your career in Wilderness Education and Outdoor Leadership than in the Sierra Nevada mountain, deep blue water and sheer rugged beauty!

## Lake Tahoe Community College

“California’s Premier Destination Community College”

### Mission

Lake Tahoe Community College serves our local, regional, and global communities by promoting comprehensive learning, success, and life-changing opportunities. Through quality instruction and student support, our personalized approach to teaching and learning empowers students to achieve their educational and personal goals.

### Beliefs

We at Lake Tahoe Community College believe:

- Students come first
- An educated citizenry is fundamental
- Learning enhances the quality of life
- Innovation, integrity, high standards and the pursuit of excellence are essential
  - Diversity enriches
- We make a difference

[Apply Now](http://www.ltcc.edu/admissions/index.php)

<http://www.ltcc.edu/admissions/index.php>



# Course Listings

## Wilderness Education and Outdoor Leadership A.A. & Certificate of Achievement

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
BSN 100	Introduction to Business (4)	X	X	X	X
WLD 100	Foundations of Recreation Land Management (3)	X			
WLD 103	Fundamentals of Wilderness Education and Outdoor Leadership (4.5)	X			
WLD 105A	Summer Field Experience (4.5)				X
WLD 105B	Winter Field Experience (3)		X		
WLD 105C	Wilderness Navigation (1.5)	X		X	X
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 116	Mountain Weather (2)	X			
WLD 133	Occupational Work Experience (2-6)	X	X	X	X
WLD 200	Techniques of Instructing, Facilitating, Guiding and Coaching (1.5)	X			
WLD 201	Expedition Planning (1.5)		X		
WLD 240	WEOL Capstone (4.5)			X	

## Employable Skills Certificates (ESC)

### Climbing Instructor

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 120A	Rock Climbing Beginning (1.5)	X			X
WLD 120B	Rock Climbing Intermediate (not on ESC) (1.5)	X	X		
WLD 120C	Rock Climbing Advanced (3)	X		X	
WLD 123A	Climbing Wall Instructor (1.5)		X		
WLD 123B	Single Pitch Instructor Course (3)	X			
WLD 123C	Single Pitch Instructor Assessment (1.5)			X	

### Basic Mountain Guide

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 117A	Beginning Mountaineering (3)			X	
WLD 117B	Intermediate Mountaineering			X	
WLD 120A	Rock Climbing Beginning (1.5)				X
WLD 120B	Rock Climbing Intermediate (not on ESC) (1.5)	X			X
WLD 128A	Decision Making in Avalanche Terrain (3.5)				

# Course Listings

## Employable Skills Certificates (ESC) (continued)

### Basic Ski Guide

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 125A	Backcountry Skiing/Splitboarding: Beginning (1.5)		X		
WLD 125B	Backcountry Skiing/Splitboarding: Intermediate (1.5)		X		
WLD 126C	Multi-Day Backcountry Skiing/Splitboarding Touring (1.5)		X		
WLD 128A	Decision Making in Avalanche Terrain (3)		X		

### Ski or Snowboard Instructor (Core)

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD 107A	Wilderness First Aid (1.5) (or better)	X	X	X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 128E	AIARE Avalanche Rescue (0.5)		X		
WLD 200	Techniques of Instructing, Facilitating, Guiding and Coaching (1.5)	X			

### Alpine, Telemark, Snowboarding, Cross Country

(see current catalog for course numbers)

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD xxx	Beginning (1.5)		X		
WLD xxx	Intermediate (1.5)		X		
WLD xxx	Advanced (2 or 3)		X		
WLD xxx	PSIA/AASI Level 1 Exam Prep (1.5)		X		
WLD xxx	PSIA/AASI Level 1 Exam (1.5)		X		

### Whitewater Rafting Guide

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
CUL 103	Food Sanitation and Safety (2) or California Food Handlers Certificate (0)	X	X	X	X
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 140A	Whitewater Rafting: Beginning (1.5)			X	
WLD 140B	Whitewater Rafting: Intermediate (1.5)			X	
WLD 140C	Whitewater Guide School (3)			X	
WLD 140D	Whitewater Guide Assessment (1.5)			X	
WLD 141A	Swiftwater Rescue (2)			X	



# Course Listings

## Employable Skills Certificates (ESC) (continued)

### Sea Kayaking Guide

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	
WLD 141B	Flatwater Rescue (2)			X (o)	
WLD 146A	Sea Kayaking: Beginning (1.5)			X (e)	
WLD 146B	Sea Kayaking: Camping (1.5)				X (e)
WLD 146C	Multi-Day Trip Leader Sea Kayaking (3)			X (o)	
WLD 146D	Sea Kayaking Trip Leader/Guide Assessment (1.5)				X (o)

o = odd years, e = even years

### Search and Rescue

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
WLD 102	Introduction to Search and Rescue (2)		X		
WLD 105C	Wilderness Navigation (1.5)	X		X	X
WLD 107B	Wilderness First Responder (4.5)	X		X	X
WLD 112E	Search Theory (1.5)		X		
WLD 112D	Tracking (1.5)	X			
WLD 113A	Search and Rescue Assessment (1.5)			X	
WLD 119A	Technical Rope Rescue (3)			X	
<b>Take one of the following:</b>					
WLD 128E	AIARE Avalanche Rescue (0.5)		X		
WLD 141A	Swiftwater Rescue (2)			X	
WLD 141B	Flat Water Rescue (2)			X (o)	
WLD 141C	Ice Rescue (2)		X		

### Wilderness Naturalist

Course #	Course Name (Units)	Fall	Winter	Spring	Summer
EVS 110	California Naturalist (4.5)	X			
WLD 100	Foundations of Recreation Land Management (3)	X			
WLD 105C	Wilderness Navigation (1.5)	X		X	X
WLD 107A	Wilderness First Aid (1.5) (or better)	X	X		X
WLD 110B	Leave No Trace Trainer (1.5)		X	X	

### Take one of the following with lab:

BIO 149	Ecology (5)		X		
BIO 201	Botany (5)		X		
BIO 212	Zoology (5)		X		
GEL 102	Physical Geology (5)		X		

# Course Listings

## Employable Skills Certificates (ESC) (continued)

### Wilderness Emergency Medical Technician

<u>Course #</u>	<u>Course Name (Units)</u>	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
HEA 140C	Emergency Medical Technician	X	X	X	
WLD 107B	Wilderness First Responder (4.5)	X		X	X

### WEOL Electives

<u>Course #</u>	<u>Course Name (Units)</u>	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Summer</u>
WLD 104	Basic Outdoor Leadership (2.25)			X	X
WLD 115	Wilderness Survival (2.25)			X	
WLD 120C	Rock Climbing Intermediate (3.5)	X	X		
WLD 120D	Rock Climbing Movement (2.5)	X	X		
WLD 127A	Winter Survival (2.25)		X		
WLD 128B	AIARE Level 1 (1.5)		X		
WLD 128D	AIARE Level 2 (1.5)		X		
WLD 128E	AIARE Avalanche Rescue (.5)		X		
WLD 137C	Wildflower Hikes (1.75)				X







Contact us

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