

## WILDERNESS EDUCATION

The Wilderness Education certificate is designed to prepare students to become theoretically and technically competent wilderness specialists who can apply their skills as outdoor leaders to diverse groups and environments in a world with a growing population and finite wilderness resources. The curriculum provides a balanced foundation of all aspects of wilderness education/outdoor recreation. Students will gain basic competencies in outdoor-based activities, wilderness first aid skills, experiential educational theory, group dynamics, leadership theory and skills, and environmental awareness. There is emphasis on the integration of academic work and technical field skills.

### *Student Learning Outcomes for this certificate are:*

- Identify the many influences that have shaped wilderness education.
- Identify the management protocols for land use on the local, state, and national level.
- Employ a variety of experiential leadership styles to specific settings.
- Assess good judgment and safety in wilderness settings.
- Apply a working vocabulary and a skills-based knowledge in field specific topics.

### A. REQUIRED COURSES

#### All courses from the following (26 units):

|          |   |
|----------|---|
| WLD 100  | Foundations of Recreation Land Management         |
| WLD 101  | Origins and Directions of Wilderness Education    |
| WLD 104  | Fundamentals of Outdoor Leadership                |
| WLD 107B | Wilderness First Responder                        |
| WLD 112C | Map, Compass, and GPS                             |
| WLD 116  | Mountain Weather                                  |
| WLD 117A | Beginning Mountaineering                          |
| WLD 120A | Rock Climbing: Beginning                          |
| WLD 128B | AIARE 1 Avalanche                                 |
| WLD 133  | Occupational Work Experience<br>(minimum 2 units) |
| WLD 140A | Whitewater Rafting: Beginning                     |
| WLD 146A | Sea Kayaking: Beginning                           |

#### AREAS OF CONCENTRATION: (Choose one option)

In addition to the required core courses listed above, students seeking a Wilderness Education Certificate must select an area of concentration. Multiple areas of concentrations may be achieved by completing an additional six units in any of the following areas listed. Required core courses cannot be duplicated.

### 1. WILDERNESS EDUCATION: CLIMBING

#### A minimum of 6 units selected from the following:

|          |                             |
|----------|-----------------------------|
| WLD 117B | Intermediate Mountaineering |
| WLD 119  | Technical Rope Rescue       |
| WLD 120B | Rock Climbing: Intermediate |
| WLD 120C | Rock Climbing: Advanced     |
| WLD 120D | Rock Climbing Movement      |

**TOTAL UNITS (including required courses): 32 units**

### 2. WILDERNESS EDUCATION: SNOW SKILLS

#### A minimum of 6 units selected from the following:

|          |                                  |
|----------|----------------------------------|
| WLD 125A | Backcountry Skiing               |
| WLD 125B | Backcountry Skiing: Intermediate |
| WLD 125C | Backcountry Skiing: Advanced     |
| WLD 126A | Backcountry Snowboarding         |
| WLD 126B | Splitboarding: Beginning         |
| WLD 126C | Multi-day Ski/Splitboard Touring |
| WLD 127A | Winter Survival                  |
| WLD 128C | AIARE 2 Avalanche                |

**TOTAL UNITS (including required courses): 32 units**

### 3. WILDERNESS EDUCATION: WATER SKILLS

#### A minimum of 6 units selected from the following:

|          |  |
|----------|--|
| WLD 140C | Whitewater Guide School                        |
| WLD 141A | Swiftwater Rescue                              |
| WLD 146B | Sea Kayaking: Camping                          |
| WLD 146C | Multi-day Sea Kayaking                         |
| WLD 146E | Kayaking Lake Tahoe's Water Trail              |
| WLD 147A | Kayaking Lake Tahoe's Water Trail: South Shore |
| WLD 147B | Kayaking Lake Tahoe's Water Trail: East Shore  |
| WLD 147C | Kayaking Lake Tahoe's Water Trail: West Shore  |

**TOTAL UNITS (including required courses): 32 units**

### 4. WILDERNESS EDUCATION: SEARCH AND RESCUE

#### A minimum of 6 units selected from the following:

|          |                                   |
|----------|-----------------------------------|
| WLD 102  | Introduction to Search and Rescue |
| WLD 112D | Tracking                          |
| WLD 112E | Search Theory                     |
| WLD 119  | Technical Rope Rescue             |
| WLD 128E | Avalanche Rescue                  |
| WLD 141A | Swiftwater Rescue                 |

**TOTAL UNITS (including required courses): 32 units**