

LTCC 2019-2020 CATALOG ADDENDA

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1) Effective Winter 2020: New physical education courses and associated families.
PEF 144A/B/C, and PEF 145 A/B/C.

2) New work experience course: WLD 132. Correction to title and units for WLD 240.

3) Updates to Financial Aid programs.

4) Updates to Anthropology programs.

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1) Updates to Tuition and Fees.

ADDENDUM 03: Page 3

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2) Updates for UC transferability

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2) Added Wilderness Education Outdoor Leadership (WEOL) AA Degree – effective Winter 2019

3) Added Wilderness Education Outdoor Leadership (WEOL) Certificate of Achievement – effective
Winter 2019

4) Added Wilderness Education Outdoor Leadership (WEOL) Employable Skills Certificates – effective
Winter 2019

[ADDENDUM 01: JUNE 28, 2019](#)

1) Effective Winter 2020: New physical education courses and associated families (in red below).
PEF 144A/B/C, and PEF 145 A/B/C.

PHYSICAL EDUCATION - FITNESS

ASSOCIATE DEGREE FOR TRANSFER

A transfer degree is also available in the field of Kinesiology, see page 94.

ENROLLMENT LIMITATIONS:

An *enrollment* occurs when a student is currently registered for a course or has previously received a transcribed symbol such as a grade or a “W.” Enrollment does not include previous attempts which resulted in a drop with no record. Courses within the individual families that were previously completed with a grade of “C” or better cannot be repeated, unless specifically noted. A maximum of 6 enrollments are allowed within any individual Family*.

Aerobic Dance Family: PEF 102A, 102B, 102D, 102E

Badminton Family: PEF 118A, 118B, 118C, 118D, 118E, 118F

Basketball Family: PEF 123A, 123B, 123C, 123D, 123E, 123F

Cardiovascular Conditioning Family: PEF 121A, 121B, 121C

Core Training Family: PEF 100C, 100CA, 100CB, 101H, 101HA, 101HB

Functional Training Family: PEF 144A, 144B, 144C

Golf Family: PEF 125A, 125B, 125C, 125D, 125E, 125F, 125G

Group Resistance Training Family: PEF 100B, 100BA, 100BB, 101A, 101AA, 101AB, 101B, 101BA, 101BB, 101C, 101CA, 101CB, 101D, 101E, 101G, 101GA, 101GB

Indoor Cycling Family: PEF 100A, 100D, 100E, 100F

Intensive Interval Training Family: PEF 101F, 101FA, 101FB, 101J, 101K, 103A, 103B, 104F, 104G

Jogging/Running Family: PEF 111A, 111B, 111C, 111D, 111E, 111F, 111G

Kickboxing Family: PEF 104A, 104B, 104C, 104D, 104E

Outdoor Cycling Family: PEF 117A, 117B

Pickleball Family: PEF 126A, 126B, 126C, 126D, 126E, 126F

Post-Physical Therapy Conditioning Family: PEF 145A, 145B, 145C

Soccer Family: PEF 135A, 135F, 135G, 135H, 135J, 135K, 135L, 135M

Table Tennis Family: PEF 122A, 122B, 122C, 122D, 122E, 122F

Tai Chi & Stress Management Family: PEF 100G, 100GA, 100GB, 143B, 143C

Tennis Family: PEF 116A, 116B, 116C, 116E, 116F, 116G

Volleyball Family: PEF 124A, 124B, 124C, 124D, 124E, 124F, 136E

Weight Training Family: PEF 120A, 120B, 120C

Yoga Family: PEF 140A, 140B, 140C, 140D, 140E, 140F

NOTE: Family lists above do not include special topic courses. Special topic courses that are included in a particular family will count towards the maximum enrollment limit within that family.

For additional information on enrollment limitations, refer to page 132.

PEF 144A FUNCTIONAL TRAINING 1

Lecture 0, Lab 2, Units .5 Grade or P/NP option

This course provides basic instruction and practice with exercises to enhance performance in sports and physical activity. Introductory functional strength exercises incorporating balance and proprioception will be tailored to the individual student.

Transfers to CSU only

NOTE: Subject to enrollment limitations within the Functional Training Family. For more information, refer to page 208.

PEF 144B FUNCTIONAL TRAINING 2

Lecture 0, Lab 3, Units 1 Grade or P/NP option

This course provides intermediate instruction and practice with exercises to enhance performance in sports and physical activity. Intermediate functional strength exercises incorporating balance and proprioception will be tailored to the individual student.

Transfers to CSU only

NOTE: Subject to enrollment limitations within the Functional Training Family. For more information, refer to page 208.

PEF 144C FUNCTIONAL TRAINING 3

Lecture 0, Lab 4, Units 1.25 Grade or P/NP option

This course provides intermediate instruction and practice with exercises to enhance performance in sports and physical activity. Intermediate functional strength exercises incorporating balance and proprioception will be tailored to the individual student.

Transfers to CSU only

NOTE: Subject to enrollment limitations within the Functional Training Family. For more information, refer to page 208.

PEF 145A POST-PHYSICAL THERAPY CONDITIONING 1

Lecture 0, Lab 2, Units .5 Grade or P/NP option

This course provides introductory level individualized exercise prescription and guidance for individuals seeking improved function, fitness, or performance after sustaining an injury.

Transfers to CSU only

NOTE: Subject to enrollment limitations within the Post-Physical Therapy Conditioning Family. For more information, refer to page 208.

PEF 145B POST-PHYSICAL THERAPY CONDITIONING 2

Lecture 0, Lab 3 Units 1 Grade or P/NP option

This course provides intermediate level individualized exercise prescription and guidance for individuals seeking improved function, fitness, or performance after sustaining an injury.

Transfers to CSU only

NOTE: Subject to enrollment limitations within the Post-Physical Therapy Conditioning Family. For more information, refer to page 208.

PEF 145C POST-PHYSICAL THERAPY CONDITIONING 3

Lecture 0, Lab 4 Units 1.25 Grade or P/NP option

This course provides advanced level individualized exercise prescription and guidance for individuals seeking improved function, fitness, or performance after sustaining an injury.

Transfers to CSU only

NOTE: Subject to enrollment limitations within the Post-Physical Therapy Conditioning Family. For more information, refer to page 208.

2) New work experience course: WLD 132

WLD 132 OCCUPATIONAL WORK EXPERIENCE

Lecture 0, Lab 0, Units 1-6 Grade or P/NP option

Occupational Work Experience is for students who are employed in jobs related to their educational or occupational goals. This program extends knowledge gained in the classroom to the workplace, helps students identify new and challenging objectives at work, and encourages professional growth and advancement. Each 50 hours of paid work equals one quarter unit. Each 40 hours of non-paid work equals one quarter unit.

Transfers to CSU

COREQUISITE: Students must be available to work 4 to 40 hours per week for an approved business and must have an application on file each quarter enrolled.

NOTE: Refer to page 251 for more information on how these units combine with WKX 101 to get the maximum number of units.

Correction to WLD 240 (title/units):

WLD 240 WILDERNESS EDUCATION AND OUTDOOR LEADERSHIP CAPSTONE

Lecture 4.5, Lab 2, Units 4.5 Grade or P/NP option

Examines principles related to planning, scheduling, and implementation of wilderness education and outdoor adventure activities and events. Students gain knowledge essential to the entrepreneurial and administrative duties related to leading and managing wilderness education and outdoor adventure organizations. Topics will include program development, human resource management, facility and fiscal management, legal liabilities and risk management, public relations, marketing and budgeting. The course will culminate in the development and presentation of a business plan for a wilderness/outdoor adventure organization.

Transfers to CSU

PREREQUISITE: WLD 101 and WLD 103 with a grade of "C" or better or equivalent.

ADVISORY: BSN 100 and ECO 102 or equivalent.

3) Updates to Financial Aid programs.

PROGRAMS (UPDATED)

Fee Waiver: California College Promise Grant (CCPG) program (waives enrollment fees for eligible California or AB540 residents) - qualifications listed previously do not apply to this program.

NOTE: Students may lose eligibility for the CCPG if their grade point average is below 2.0 and/or they successfully complete 50% or less of their attempted units.

Grants: Federal Pell Grant, Federal Supplemental Education Opportunity Grant (FSEOG), Cal Grant, Student Success Completion Grant (12-15 unit enrollment per term).

Work-Study: Federal Work Study allows you to work on campus and earn income to meet educational expenses, with the flexibility to make sure that you can put your studies first!

Federal Direct Student Loans: Loans designed for students who complete the FAFSA may be available, even if you do not qualify for any need-based financial aid.

Student Assistance Programs: CalWORKs, EOP&S and CARE are designed to help students who have financial need and difficulty accessing higher education. These programs can provide employment, as well as help with child care and transportation expenses (see page 20 for more information).

4) Updates to Anthropology programs.

Anthropology AA Degree - Removed all world language courses

Applied Anthropology, Employable Skills Certificate - Added ANT 112 - Anthropology of the Unexplained.

Revised pages 72, 73, and 125 attached.

ADDENDUM 02: AUGUST 29, 2019

1) Page 15 under Tuition and Fees, adding #7 to state the following:

7. Effective August 1, 2019, any students using CH31 (Vocational Rehabilitation and Employment benefits) or CH33 (Post 9/11 G.I. Bill) is protected from any penalties imposed by our College while waiting for the VA to make tuition and fee payments.

ADDENDUM 03: SEPTEMBER 27, 2019

1) New Hospitality Management Transfer Degree approved – effective Fall 2019

The Hospitality Management Associate in Science for Transfer (AS-T) degree through Lake Tahoe Community College (LTCC) will provide students with both the management theories and operational competencies necessary to enter any segment of the industry upon graduation. Students can take a variety of classes including an introduction to hospitality, food and beverage management, food sanitation and safety, cost control, financial accounting and microeconomics, basic food preparation, and business law.

This program will prepare students for supervisory positions in the industry including but not limited to:

- Resort Operations and Management
- Food Service Operations and Management
- Hotel Operations and Management
- Ski Resort Operations and Management
- Gaming Resort Management
- Golf Resort Management
- Events Management
- Sustainable Tourism
- Outdoor Leadership and Recreation Management
- Club Operations and Management

Program Learning Outcomes:

- Demonstrate effective management practices in hospitality operations (hotel, food and beverage, gaming, summer and winter resorts, meetings, events).

- Analyze financial, marketing, and operational results and outcomes for hospitality operations.
- Manage and make informed business decisions within the hospitality industry.
- Identify career goals in the hospitality industry and effective strategies for achieving them.
- Identify major ongoing trends in customer behavior and service in the hospitality industry.
- Demonstrate an understanding of the varying responsibility levels across differing hospitality operations.
- Design a sustainable and equitable component that focuses on environmental issues and social justice in the hospitality industry.
- Work as a team member to achieve common goals/objectives.

A. GENERAL EDUCATION REQUIREMENTS

See pages 62-64 for details.

B. REQUIRED COURSES

29.5 – 32 units distributed as follows:

1. All courses from the following (4.5 units):

HSP 100 Introduction to Hospitality Management (4.5)

2. Select four courses (minimum 16 units):

CUL 102 Principles and Practices of Basic Food Preparation (4.5)

CUL 103A Chef Sanitation and Safety (3)

ECO 102 Principles of Micro Economics (4)

HSP 120 Hospitality Cost Control (4.5)

HSP 130 Introduction to Food and Beverage Management (4.5)

3. Select two courses (minimum 9 units):

BSN 101A Business Law: Introduction to Law and Business Transactions (5)

MAT 201 Elementary Statistics (5)

Or any courses from B.2. not already used

C. ELECTIVE UNITS to bring the total to 90.

2) Updates to UC transfer courses

The following courses are now UC transfer approved:

ANT112

ART219A/B/C/D, ART240A/B

CHM221/L, CHM222/L, CHM223/L

MUS116A/B/C/D/E/F

PEF125G, PEF126D/E/F, PEF144A/B/C, PEF145A/B/C

SPA221A/B

WLD122F, 129A/B, 130A/B

ADDENDUM 04: DECEMBER 20, 2019

1) New Hospitality Management Certificate of Achievement approved – effective Winter 2019

HOSPITALITY MANAGEMENT CERTIFICATE The Hospitality Management Certificate of Achievement through Lake Tahoe Community College (LTCC) is designed to provide students with both the management theories and operational competencies necessary to enter any segment of the industry upon graduation. Students can take a variety of classes including an introduction to hospitality, food and beverage management, food sanitation and safety, cost control, financial accounting and microeconomics, basic food preparation, and business law.

This program will prepare students for supervisory positions in the industry including but not limited to:

- Resort Operations and Management
- Food Service Operations and Management
- Hotel Operations and Management
- Ski Resort Operations and Management
- Gaming Resort Management
- Golf Resort Management
- Events Management
- Sustainable Tourism
- Outdoor Leadership and Recreation Management
- Club Operations and Management

A. REQUIRED COURSES 29.5 – 32 units distributed as follows:

1. All courses from the following (4.5 units):

HSP 100 Introduction to Hospitality Management (4.5)

2. Select four courses (minimum 16 units):

CUL 102 Principles and Practices of Basic Food Preparation (4.5)

CUL 103A Chef Sanitation and Safety (3)

ECO 102 Principles of Micro Economics (4)

HSP 120 Hospitality Cost Control (4.5)

HSP 130 Introduction to Food and Beverage Management (4.5)

3. Select two courses (minimum 9 units):

BSN 101A Business Law (5)

MAT 201 Elementary Statistics (5)

Or any courses from A.2. not already used

2) New Wilderness Education Outdoor Leadership AA Degree approved – effective Winter 2019

WILDERNESS EDUCATION AND OUTDOOR LEADERSHIP AA DEGREE:

Lake Tahoe Community College's 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!

The purpose of the Wilderness Education and Outdoor Leadership (WEOL) Program is to provide 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. Both national and internationally recognized industry certifications (such as National Association for Search and Rescue, American Avalanche Association and American Institute for Avalanche Research and Education, American Mountain Guides Association, International Rafting Federation and American Canoe Association to name a few) are imbedded within the elective WEOL Employable Certificates.

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.

What you gain:

- Leadership & Management Skills
- Judgment and Decision-Making Experience
- Risk Management Skills
- Technical Skills
- Teaching & Guiding Skills
- Environmental Stewardship & Civic Engagement Principles
- Program Planning & Implementation Skills
- Organizational Leader

What you can do:

- Wilderness Trip Leader
- Professional Guide
- Search and Rescue (SAR) Professional
- Ski Patroller
- Ranger / Wilderness Interpreter
- Wilderness Educator / Coach
- Forest Service / Natural Resources Manager
- Wilderness Naturalist
- Transfer to four-year university and continue your education

Challenge yourself to achieve your full leadership potential while serving others.

Program Learning Outcomes:

- Develop, evaluate and apply appropriate leadership and communication styles, experiential learning, leading, guiding and coaching, and mental performance methods.
- Differentiate between various land management organizations, protocols for use, and implement appropriate sustainability principles.
- Identify and engage with the various historical and contemporary organizations that have influenced wilderness education and the outdoor adventure industry.
- Demonstrate a mastery of skills in area of concentration to include efficient movement skills, effective application of technical equipment, and safe implementation of 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. GENERAL EDUCATION REQUIREMENTS

See pages 62-64 for details. See your academic advisor or the Director/Coordinator of Wilderness Education and Outdoor Leadership for recommended general education courses.

B. REQUIRED COURSES

The following core courses are required of all Wilderness Education and Outdoor Leadership degree students.

All courses from the following (38 units):

BSN 100	Introduction to Business (4)
WLD 100	Foundations of Recreation Land Management (3)
WLD 103	Fundamentals of Wilderness Education and Outdoor Leadership (4.5)
WLD 105A	Summer Field Experience (4.5)
WLD 105B	Winter Field Experience (3)
WLD 105C	Wilderness Navigation (1.5)
WLD 107B	Wilderness First Responder (4.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 116	Mountain Weather (2)
WLD 133	Occupational Work Experience (<i>min. 2 units</i>) (1-6)
WLD 200	Techniques of Instructing, Facilitating, Guiding and Coaching (1.5)
WLD 201	Expedition Planning (1.5)
WLD 240	WEOL Capstone (4.5)

C. ELECTIVE UNITS to bring the total to 90

It is highly recommended that students use their elective units to complete a Wilderness Education and Outdoor Leadership Employable Skills Certificate.

3) New Wilderness Education Outdoor Leadership Certificate of Achievement approved – effective Winter 2019

WILDERNESS EDUCATION AND OUTDOOR LEADERSHIP CERTIFICATE:

The purpose of the Wilderness Education and Outdoor Leadership (WEOL) Certificate is to provide 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. Both national and internationally recognized industry certifications (such as National Association for Search and Rescue, American Avalanche Association and American Institute for Avalanche Research and Education, American Mountain Guides Association, International Rafting Federation and American Canoe Association to name a few) are imbedded within the elective WEOL Employable Certificates.

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.

What you gain:

- Leadership & Management Skills
- Judgment and Decision-Making Experience
- Risk Management Skills
- Technical Skills
- Teaching & Guiding Skills
- Environmental Stewardship & Civic Engagement Principles
- Program Planning & Implementation Skills
- Organizational Leader

What you can do:

- Wilderness Trip Leader
- Professional Guide
- Search and Rescue (SAR) Professional
- Ski Patroller
- Ranger / Wilderness Interpreter
- Wilderness Educator / Coach
- Forest Service / Natural Resources Manager
- Wilderness Naturalist
- Transfer to four-year university and continue your education

Challenge yourself to achieve your full leadership potential while serving others.

Program Learning Outcomes:

- Develop, evaluate, and apply appropriate leadership and communication styles, experiential learning, leading, guiding and coaching, and mental performance.

- Differentiate between various land management organizations, protocols for use, and implement appropriate sustainability principles.
- Identify and engage with the various historical and contemporary organizations that have influenced wilderness education and the outdoor adventure industry.
- Demonstrate a mastery of skills in area of concentration to include efficient movement skills, effective application of technical equipment, and safe implementation of 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. REQUIRED COURSES

All courses from the following (38 units):

BSN 100	Introduction to Business (4)
WLD 100	Foundations of Recreation Land Management (3)
WLD 103	Fundamentals of Wilderness Education and Outdoor Leadership (4.5)
WLD 105A	Summer Field Experience (4.5)
WLD 105B	Winter Field Experience (3)
WLD 105C	Wilderness Navigation (1.5)
WLD 107B	Wilderness First Responder (4.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 116	Mountain Weather (2)
WLD 133	Occupational Work Experience (<i>min. 2 units</i>) (1-6)
WLD 200	Techniques of Instructing, Facilitating, Guiding and Coaching (1.5)
WLD 201	Expedition Planning (1.5)
WLD 240	WEOL Capstone (4.5)

4) New Wilderness Education Outdoor Leadership Employable Skills Certificates – effective Winter 2019

WILDERNESS EDUCATION AND OUTDOOR LEADERSHIP EMPLOYABLE SKILLS CERTIFICATES (9):

These Employable Skills Certificates offer students the opportunity to gain fundamental skills in a career field by completing an intensive of courses. Upon successful completion of one of these programs, the student will receive a department-issued certificate. These programs differ from the college's official certificates of achievement in that they are short-term, cover a narrow area of study, and are not recorded on the student's transcript. However, they directly lead to either a Certificate of Achievement or AA degree in Wilderness Education and Outdoor Leadership. Employable Skills Certificates within the WEOL Program include nationally and internationally recognized industry certifications, such as those from National Association for Search and Rescue (NASAR), American Avalanche Association (A3) and American Institute for Avalanche Research and Education (AIARE), American Climbing Guides Association (AMGA), International Rafting Federation (IFR) and American Canoe Association (ACA).

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. This Employable Skills Certificate provides the opportunity to receive the following industry recognized certificates; Wilderness First Responder, Leave No Trace Trainer, American Mountain Guides Association's (AMGA) Climbing Wall Instructor and Single Pitch Instructor, and will prepare the student for the AMGA Rock Guides course.

CLIMBING INSTRUCTOR (16.5 UNITS)

WLD 107B	Wilderness First Responder (4.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 120A	Rock Climbing: Beginning (1.5)
WLD 120C	Rock Climbing: Advanced (3)
WLD 123A	Climbing Wall Instructor (1.5)
WLD 123B	Single Pitch Instructor Course (3)
WLD 123C	Single Pitch Instructor Assessment (1.5)

BASIC MOUNTAIN GUIDE

Many people are introduced to the 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. This Employable Skills Certificate provides the opportunity to receive the following industry recognized certificates and courses: Wilderness First Responder (WFR), Leave No Trace Trainer, and American Avalanche Association (A3) recognized Recreation Level 1 and Rescue courses through the American Institute for Avalanche Research and Education (AIARE). Additionally, courses within this Employable Skills Certificate will also prepare the student for the AMGA Alpine Skills Course and Alpine Guides Course.

BASIC MOUNTAIN GUIDE (16.5 UNITS)

WLD 107B	Wilderness First Responder (4.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 117A	Beginning Mountaineering (3)
WLD 117B	Intermediate Mountaineering (3)
WLD 120A	Rock Climbing: Beginning (1.5)
WLD 128A	Decision Making in Avalanche Terrain (3)

BASIC SKI GUIDE

Backcountry skiing and splitboarding has 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 provides the opportunity to receive the following industry recognized certificates and courses: Wilderness First Responder (WFR), Leave No Trace Trainer, and American Avalanche Association (A3) recognized Recreation Level 1, Rescue, and Level 2 courses through the American Institute for Avalanche Research and Education (AIARE). Additionally, courses within this Employable Skills Certificate will prepare the student for the AMGA Ski/Splitboard Guides Course and an A3 recognized Professional 1 course.

BASIC SKI GUIDE (15 UNITS)

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

SKI OR SNOWBOARD INSTRUCTOR

Resort skiing (on piste) is a large industry employer with in 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. In addition, it will provide the opportunity to receive the following industry recognized certificates and courses: Wilderness First Aid (WFA), Leave No Trace Trainer, and American Avalanche Association (A3) recognized Avalanche Rescue course through the American Institute for Avalanche Research and Education (AIARE). Students must complete all courses in the Ski or Snowboard Core and all courses within at least one track (alpine, snowboard, telemark, or cross country)

SKI OR SNOWBOARD INSTRUCTOR (14 UNITS)

Ski or Snowboard Instructor Core (5 units)

WLD 107A	Wilderness First Aid (1.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 128E	AIARE Avalanche Rescue (.5)
WLD 200	Techniques of Instructing, Facilitating, Guiding and Coaching (1.5)

ALPINE

WLD 129A	Alpine Skiing: Beginning (1.5)
WLD 129B	Alpine Skiing: Intermediate (1.5)
WLD 129C	Alpine Skiing: Advanced (3)
WLD 129D	Alpine PSIA Level 1 Exam Prep (1.5)
WLD 129E	Alpine PSIA Level 1 Exam (1.5)

SNOWBOARD

WLD 130A	Snowboarding: Beginning (1.5)
WLD 130B	Snowboarding: Intermediate (1.5)
WLD 130C	Snowboarding: Advanced (3)
WLD 130D	Snowboard AASI Level 1 Exam Prep (1.5)
WLD 130E	Snowboard AASI Level 1 Exam (1.5)

TELEMARK

WLD 124A	Telemark: Beginning (1.5)
WLD 124AA	Telemark: Intermediate (1.5)
WLD 124B	Telemark: Advanced (3)
WLD 124D	Telemark PSIA Level I Exam Prep (1.5)
WLD 124E	Telemark PSIA Level 1 Exam (1.5)

CROSS COUNTRY

WLD 122C	Cross Country: Beginning (1.5)
WLD 122D	Cross Country: Intermediate (1.5)
WLD 122E	Cross Country: Advanced (3)
WLD 122F	Cross Country PSIA Level I Exam Prep (1.5)
WLD 122G	Cross Country PSIA Level 1 Exam (1.5)

WHITewater RAFTING GUIDE

Whitewater river rafting can be an exciting and challenging wilderness adventure. With over 50 whitewater rafting outfitters in California, Oregon, and the mountain west you can jump start your career as a rafting guide with this Employable Skills Certificate. This certificate provides the opportunity to receive International Rafting Federation (IRF) guiding certifications which will allow you to operate internationally within IRF member countries. Additionally, you have the opportunity to receive your Swift Water Rescue certification through Rescue 3 International or National Fire Protection Association (NFPA), a Wilderness First Responder (WFR) certification, Leave No Trace Trainer, and California Food Handlers credentials.

WHITewater RAFTING GUIDE (17.5 UNITS)

CUL 103	Food Sanitation and Safety (2)
WLD 107B	Wilderness First Responder (4.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 140A	Whitewater Rafting: Beginning (1.5)
WLD 140B	Whitewater Rafting: Intermediate (1.5)
WLD 140C	Whitewater Guide School (3)
WLD 140D	Whitewater Guide Assessment (1.5)
WLD 141A	Swiftwater Rescue, Cert (2)

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. This Employable Skills Certificate provides the opportunity to receive the following industry recognized certificates and courses; American Canoe Association (ACA) Touring Leader/Guide, NFPA Flatwater Rescue, Wilderness First Responder (WFR), and Leave No Trace Trainer.

SEA KAYAKING GUIDE (15.5 UNITS)

WLD 107B	Wilderness First Responder (4.5)
WLD 110B	Leave No Trace Trainer (1.5)
WLD 141B	Flatwater Rescue (2)
WLD 146A	Sea Kayaking: Beginning (1.5)
WLD 146B	Sea Kayaking: Lake Tahoe's Water Trail (1.5)
WLD 146C	Multi-Day Trip Leader Sea Kayaking (3)
WLD 146D	Sea Kayaking Touring Trip Leader/Guide Assessment (1.5)

SEARCH AND RESCUE

The Search and Rescue Employable Skills Certificate provides students with necessary skills and knowledge to actively participate in Search and Rescue efforts. The certificate mixes hands-on practice with 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. In addition, you have the opportunity to receive the following certificates; Wilderness First Responder (WFR), NASAR SAR Tech 3, NASAR Managing Lost Person Incidents, Peace Officer Standards and Training (POST) Basic Tracker, A3/AIARE Rescue, National Fire Protection Association (NFPA) Technical Rope Rescue, Swiftwater Rescue, Flatwater Rescue, and Ice Rescue.

SEARCH AND RESCUE (16 to 17.5 units):

WLD 102	Introduction to Search and Rescue (2)
WLD 105C	Wilderness Navigation (1.5)
WLD 107B	Wilderness First Responder (4.5)
WLD 112E	Search Theory (1.5)
WLD 112D	Tracking (1.5)
WLD 113A	Search and Rescue Assessment (1.5)
WLD 119A	Technical Rope Rescue (3)

Take one (1) of the following

WLD 128E	AIARE Avalanche Rescue (.5)
WLD 141A	Swiftwater Rescue (2)

WLD 141B	Flatwater Rescue (2)
WLD 141C	Ice Rescue (2)

WILDERNESS NATURALIST

This interdisciplinary Employable Skills Certificate combines the natural sciences with Wilderness Education and Outdoor Leadership. In addition to gaining certification as California Naturalist (offered through UC Davis Cooperative Extension) you will receive industry recognized certificates in Wilderness First Aid (WFA) and Leave No Trace Trainer. After receiving this Employable Skills Certificate, 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.

WILDERNESS NATURALIST (17 UNITS)

EVS 110	California Naturalist Certificate (4.5)
WLD 100	Foundations of Recreation Land Management (3)
WLD 105C	Wilderness Navigation (1.5)
WLD 107A	Wilderness First Aid, Industry Cert WFA (1.5)
WLD 110B	Leave No Trace Trainer (1.5)

Choose 1 (with lab)

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

WILDERNESS MEDICINE

Wilderness Medicine training provides students with 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. The WEMT certificate is awarded to students successfully completing both HEA 140C Emergency Medical Technician (EMT) and WLD 107B Wilderness First Responder (WFR). The EMT certification is commonly required for Ski Patrollers while the WFR is a commonly required certificate for wilderness and outdoor recreation professionals. Emphasis is placed on emergency situations that involve prolonged patient care, severe environments and improvised equipment.

WILDERNESS EMERGENCY MEDICAL TECHNICIAN (15.25 units):

HEA 140C	Emergency Medical Technician (10.75)
WLD 107B	Wilderness First Responder (4.5)
