LANDMARK LEARNING

LEARNING SPECIALISTS FOR THE OUTDOOR COMMUNITY

COURSE CATALOG 2020

SINCE 1996

LANDMARK LEARNING COURSE CATALOG

VOLUME IX, ISSUE 2, AUG 2020

PO BOX 1888, CULLOWHEE NC 28723 | TEL 828.293.5384 | LANDMARKLEARNING.ORG

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WE BELIEVE:

1. That we have a social responsibility for sustainable outdoor resources. All programs offered through Landmark reflect appropriate use of outdoor spaces and are committed to sustainable outdoor experiences.

2. In the dynamic nature of the outdoor community. It is ever-changing, as are standards in risk management and program operations. All programs offered through Landmark must commit to evolving standards. The certification specialists we represent are at the forefront of reviewing, creating and imparting these national standards.

3. That our programs are as good as our educators. We are the instructors of instructors, and all Landmark faculty are highly skilled both in their area/s of expertise and as educators in a multitude of classroom settings.

4. Our programs are a launch pad. Nothing beats sound judgment, which can only be acquired through experience – our programs arm participants with the tools necessary to go out and gain that experience.

5. In an open learning environment. Fun instructors, exciting and diverse teaching methodologies, realistic practical exercises, and research-founded curricula create the results: quality and consistency between programs and high student success rates.

MESSAGE FROM THE DIRECTORS

The outdoor recreation industry is a powerhouse in the United States economy, providing over 600 billion dollars in consumer spending and providing more than 6 million jobs. We believe that professionalism, ethics and perseverance are at the heart of our industry success and that the foundation of this professionalism comes through mentorship and modeling. Landmark Learning faculty provide a variety of classroom settings in and out of doors to deliver a diverse body of curricula that provide education on national standards in emergency and wilderness medicine, paddle sports instruction, outdoor ethics, and water rescue. Landmark Learning, as a school of higher education, exists for the service to the ever-growing body of persons who claim the outdoors as their work environment.

Since 1996, Landmark Learning has been dedicated to share, teach and practice national standards, reaching over 2500 students annually at our campus in Cullowhee, NC, throughout the United States, and internationally. Our sister operation in Ecuador, Mingai.org, promotes and delivers professional training throughout South America.

Through national partnerships we have created strong relationships with outdoor industry leaders to provide updated, practical, and relevant information and skill sets in the curricula we teach. It is a privilege to say that Landmark Learning Faculty maintain activity on national curriculum committees and support change, development, research and clarity to the standards we uphold.

We are pleased at the maturity and growth of the outdoor industry over the last two decades and celebrate our 23rd year as we continue to educate and train professionals who are heading outdoors for their employment.

--Justin and Mairi Padgett

1996-2019

Mission

LANDMARK LEARNING'S MISSION IS TO BE THE LEADING RESOURCE IN EDUCATION AND TRAINING FOR THE OUTDOOR COMMUNITY, ADVANCING NATIONAL STANDARDS THROUGH A NETWORK OF PROFESSIONAL EDUCATORS, RESEARCHERS, AND CERTIFICATION SPECIALISTS.

COLLEGE CREDIT

Through reciprocal agreements, Landmark students can gain access to college credit for their course experiences through select regionally-accredited institutions:

- Western Carolina University (SACS)
- Western State Colorado University (NCACS)
- University of Utah (NWCCU)

Certain limitations apply per school. Students are responsible for determining the eligibility of their particular course type, requirements for credit transfer to their own school, and pay credit fees to the school providing the credit.

Students must fulfill the credit request processes before their course starts. Most college credit requests will not be fulfilled after the course completes.

Additionally, students are advised to work with their own advisor or department head to determine if reciprocal credit is available through their own institution.

See the Landmark Learning College Credit Guide online for complete details.

LANDMARK LEARNING POLICIES

COURSE TUITION AND PAYMENT POLICY

Cancellations & Refunds Policy:

- Your 25% course deposit is non-refundable and non-transferable upon payment, and is required to reserve a space in the course. If you have a coupon code it can be added at checkout. Students paying by alternate funding options (employer, Americorps, financial aid, etc) will be reimbursed the course deposit upon full payment by the funding source.

- Your remaining balance is due 30 days prior to the course start date.

- If a course cancels due to low enrollment, all funds paid are 100% refundable. Contact the office if you would like to transfer to a future course.

- If student cancels before the course start date, funds paid minus the course deposit are refundable or transferable. After the course starts, there are no refunds or transfers.

- Exception: Students using Americorps Funds will not receive any refunds as per enrollment requirements at Western State Colorado University.

ATTENDANCE POLICY

Attendance:

Students are required to attend all class sessions and field exercises. Students may request no more than 10% of the course hours of excused absence. Review of missed curriculum or examinations is the student's responsibility. Absences, either unexcused or exceeding 10% of the course hours excused, are grounds for dismissal from the course with no refunds of tuition or course costs.

Tardy is defined as <30 minutes at a time; Absence is defined as a block of time missed with prior instructor approval (sickness, prior approved appointment, etc.)

Course Completion:

Students must successfully complete and demonstrate proficiency in the following areas:

Didactic:

- Minimum requirement for successful course completion is full participation in the course.
- If a written examination is administered, students must score 80% or higher to be eligible for certification in all but NOLS courses.
- NOLS courses require a score of 70% or higher to qualify for certification.

Skills:

- Skills will be demonstrated and practiced during practical skills sessions and scenarios throughout the course. In a practical examination, students must demonstrate proficiency at the level of their training to be eligible for certification.

Self Withdrawal:

Any student choosing to withdraw from the course before course completion accepts that no refunds of tuition will be awarded.

Student Record Retention and Access Policy

Landmark Learning students can have access to financial records, grading records, attendance and tardy records as well as complete transcripts by request without expense to the student. Requests can come as a phone request, in-person request or an email or regular mail request to the Student Services Coordinator. Electronic student records are maintained indefinitely. Paper records are kept for seven years. Replacement certification cards managed by the Landmark Learning office are available for $5.00 per card along with a self addressed envelope with request by mail.

Landmark Learning

Attn: Record Requests

PO Box 1888

Cullowhee, NC 28723

main@landmarklearning.org

828-293-5384

Monitoring Students and Grading Students

At each course start, information on student evaluation criteria, during and at course end, are outlined and highlighted orally by course instructors. In addition, appropriate conduct is addressed. This information is made available to students pre-course in the course expectations. Students are given a written document “On Course Information Form” that highlights this information at the start of each course. Students must complete and sign this document before the course start.

Instructional staff must be available at the appropriate instructor to student ratio during practical exercises. Individual and group comments are balanced throughout the course. Students are encouraged to ask for assistance and feedback. Instructors are available during lunch breaks, during class breaks and before and after class each day for individual student contact.

Students who are identified as performing poorly or below standard are addressed in private directly to share concern and assess the student for needed support. As needed, action plans and follow up are created with one or both of the course instructors. Students who need additional support are identified early in coursework in order for support to be meaningful.

Course Failure:

If there is course failure, the student must contact the LL office to discuss remediation and to schedule a retest. Remediation and retest policies shall be those of the training affiliate of this course.

A letter grade will be issued by the office, based upon the results of both written and practical assessments. Demonstration of skills competence throughout the course and successful completion of any practical skills exam could raise or lower the grade up to 5 points. Pass/Fail is used for courses with no written examination.

Questions about grading can be directed to the Student Services Coordinator.

Written Exam:

LNT Master Educator, Epinephrine Administration, NOLS Wilderness First Aid, NOLS Wilderness Medicine for the Professional Practitioner and ACA skills courses require full student participation for completion. These courses do not have course exams.

All other Landmark Learning courses (EMT Intensive, EMT Refresher, ACA Instructor, Wilderness StarGuard, Wilderness StarGuard Instructor, ASHI, and NOLS) are graded with the following criteria for written exams:

100-97 A+

96-93 A

92-90 A-

89-87 B+

86-83 B

82-80 B-

79-77 C+

76-73 C

72-70 C-

Practical Exams:

Students have the opportunity to pass each practical exam with two attempts. Practical exams are pass/fail.

A grade will be issued based upon the results of both written and practical assessments. Demonstration of skills competence throughout the course and successful completion of the practical skills exam could raise or lower the grade up to 5 points.

Failing Grades:

A student who fails one component of final testing (written OR practical) will be issued a D. No certification will be issued. A student who fails both components of final testing (written AND practical) will be issued an F. No certification will be issued. A student who does not complete the course will be issued an Incomplete (I).

Questions about grading can be directed to the Landmark Learning office.

Student Grievance Policy

It is a mutual goal of Landmark Learning and it's Affiliates to ensure that educational coursework of quality is provided. When problems are identified by students, Landmark Learning will make every attempt to find a fair and reasonable solution through our internal complaint procedure. In the event that the student is not able to resolve their complaint(s) directly with available Landmark Learning Instructional Staff, the student has the right and is encouraged to take the following steps:

1) Complaints should be submitted in writing and mailed to the Landmark Learning office. Complaints received by phone will be documented, but the complainant will be requested to submit the complaint in writing.

2) The letter of complaint must contain the following information:

- Title, location, and dates of coursework; Names of Instructional Staff;

- A detailed description of the alleged problem(s);
- The approximate date(s) the problem(s) occurred;
- The names and titles/positions of all individual(s) involved in the problem(s), including administrators, instructional staff and other students;
- List what was previously done to resolve the complaint.
- The name, email address, telephone number and mailing address of the complainant. If the complainant specifically requests anonymity be maintained, Landmark Learning will not reveal his or her name during the internal investigation;
- The status of the complainant with Landmark Learning (current/ former student, etc.);
- In addition to the complaint, copies of any relevant supporting documentation should be sent with the complaint (enrollment agreement, course schedule, previous communication between Landmark Learning and the student, etc.).

3) Send to:
Landmark Learning Complaint Review Committee
PO Box 1888 Cullowhee, NC 28723
Fax: (828) 293-8600
Email: main@landmarklearning.org

Complainants will receive notification from the Landmark Learning Directors within 15 days.

US Forest Service Disclaimer

Operations on National Forest System Lands are authorized under Special Use Permit by the Nantahala National Forest. Landmark Learning is non-discriminating as an employer and as an equal recreation opportunity provider.

Copyright Infringement

Landmark Learning, Inc. does not tolerate copyright infringement, being the reproduction, distribution, or public display of copyrighted work without permission of the original owner or creator, on any level by any of its staff or instructors. Guarantees of copyright ownership are spelled-out in section 106 of the Copyright Act.

Landmark Learning, Inc. will cooperate with any investigation into copyright infringement suspected by anyone associated with Landmark Learning. Staff or faculty found guilty of copyright infringement will be subject to any fines or penalties assessed.

Equal Opportunity

Landmark Learning, Inc. believes Equal Opportunity can deliver advantages to our business and workplace; treating people fairly has a positive affect on staff and customers and enhances our reputation as an employer of choice. Equal Opportunity principles are in line with our aim to get the best from our people and give them the greatest opportunity to do their work well.

All persons full, part-time and contract people working on our premises, and our clients and students are covered by Equal Opportunity law and by this policy.

AMERICAN CANOE ASSOCIATION
SKILLS COURSES

LEVEL 3: RIVER SAFETY AND RESCUE
ACA 103

Contact Hours: 8 Hours

Description: Promote proactive prevention of river accidents and injuries; Develop and practice key self-rescue skills; Identify and avoid river hazards by understanding hydrology, hazards, and river features; Focus on fast, low-risk strategies for early management of river accidents; Practice methods for recovering swimmers, and loose boats and equipment.

Eligibility: Be able to independently participate in all individual skills and activities listed in the course outline while also maintaining an appropriate and safe body position; be able to hold their breath while under water and, while in the water wearing a properly fitted lifejacket, be able to independently turn from a face down to a face up position keeping their head above water; be able to effectively communicate with the instructor and other course participants; be able to manage all personal care independently, or with the assistance of a companion; be able to manage all personal mobility independently, or with the assistance of a companion; comfort in class II whitewater preferred.

Target Population: Beginner and recreational paddlers; whitewater trip leaders

Materials Provided: Landmark Learning Swift-water Rescue Manual

Testing: None; optional skills assessment for ACA members

Outcomes: ACA certificate of completion from Landmark Learning

College Credit: None available

Continuing Education: None available

Level 4: Swiftwater Rescue

ACA 104

Contact Hours: 16 Hours

Description: Promote proactive prevention of river accidents and injuries; Develop and practice key self-rescue skills; Identify and avoid river hazards by understanding hydrology, hazards, and river features; Focus on fast, low-risk strategies for early management of river accidents; Develop and practice methods for recovering swimmers, and loose boats and equipment; Develop and practice more advanced rope-based and in-water skills; Gain experience using the rescue PFD, and understand it's strengths and weaknesses; Utilize rescue scene management principles needed within a paddling group.

Eligibility: Be able to independently participate in all individual skills and activities listed in the course outline while also maintaining an appropriate and safe body position; be able to hold their breath while under water and, while in the water wearing a properly fitted lifejacket, be able to independently turn from a face down to a face up position keeping their head above water; be able to effectively communicate with the instructor and other course participants; be able to manage all personal care independently, or with the assistance of a companion; be able to manage all personal mobility independently, or with the assistance of a companion; comfort in class II whitewater preferred.

Target Population: Beginner and recreational paddlers; whitewater trip leaders

Materials Provided: Landmark Learning Swiftwater Rescue Manual

Testing: None; optional skills assessment for ACA members

Outcomes: ACA certificate of completion from Landmark Learning

College Credit: None available

Continuing Education: None available

Level 5: Advanced Swiftwater Rescue
ACA 105

Contact Hours: 8+ Hours

Description: Reinforce basic rescue skills, including swimming and self rescue, throw ropes, and boat based rescue; Practice skills during multiple scenarios; Refine and extend critical judgment through multiple scenarios; Develop and practice more advanced rope-based and in-water skills

Eligibility: Be able to independently participate in all individual skills and activities listed in the course outline while also maintaining an appropriate and safe body position; be able to hold their breath while under water and, while in the water wearing a properly fitted lifejacket, be able to independently turn from a face down to a face up position keeping their head above water; be able to effectively communicate with the instructor and other course participants; be able to manage all personal care independently, or with the assistance of a companion; be able to manage all personal mobility independently, or with the assistance of a companion; Completion of Level 4: Swiftwater Rescue course within last 3 years.

Target Population: Whitewater trip leaders, boaters paddling more challenging whitewater, swiftwater rescue technicians

Materials Provided: Landmark Learning Swiftwater Rescue Manual

Testing: None; optional skills assessment for ACA members

Outcomes: ACA certificate of completion from Landmark Learning

College Credit: None available

Continuing Education: None available

AMERICAN CANOE ASSOCIATION
INSTRUCTOR COURSES

LEVEL 4: SWIFTWATER RESCUE INSTRUCTOR
ACA 204

Contact Hours: 40 Hours

Description: The Instructor Development Workshop (IDW), over 2.5 days, is where instructors assess Instructor Candidate demonstrations and teaching technique, providing feedback for improvement. Instructor candidates receive an exit interview with specific recommendations and 2-4 teaching assignments for the Instructor Certification Exam (ICE). Over 2.5 additional days, Instructor Candidates' teaching and demonstration skills are evaluated by course instructors to determine instructional status with the ACA. Additional course-specific requirements can be found in the ACA Instructor Criteria documents, available at: www.americancanoe.org/?page=Instructor_Criteria

Eligibility: Be 18 years or older; Be a current ACA member in good standing; Be able to independently participate in all skills, activities and rescues listed in the appropriate ACA Certification Course Outline and Instructor Criteria documents; Be able to effectively communicate with the Instructor Trainer and other course participants; Be able to manage all personal care and mobility independently; Completion of the appropriate level assessment course, or equivalent skills

Target Population: Aspiring swiftwater rescue instructors, whitewater paddling instructors, college and university outdoor education faculty and instructors

Materials Provided: ACA Instructor Manual (CD version), LL Swiftwater Rescue Manual

Testing: Exit interview after IDW; skill assessment, course end written exam, teaching assessment for ICE

Outcomes: IDW prepares students to take the ICE; successful completion of ICE results in 4-year instructor certification from the ACA; certificate of completion from Landmark Learning

College Credit: None available

Continuing Education: None available

Level 1: Introduction to Canoeing Instructor

ACA 211

Contact Hours: 16 Hours

Description: The Instructor Development Workshop (IDW), over 1 day, is where instructors assess Instructor Candidate demonstrations and teaching technique, providing feedback for improvement. Instructor candidates receive an exit interview with specific recommendations and 2-4 teaching assignments for the Instructor Certification Exam (ICE). Over an additional day, Instructor Candidates' teaching and demonstration skills are evaluated by course instructors to determine instructional status with the ACA. Additional course-specific requirements can be found in the ACA Instructor Criteria documents, available at: www.americancanoe.org/?page=Instructor_Criteria

Eligibility: Be 18 years or older; Be a current ACA member in good standing; Be able to independently participate in all skills, activities and rescues listed in the appropriate ACA Certification Course Outline and Instructor Criteria documents; Be able to effectively communicate with the Instructor Trainer and other course participants; Be able to manage all personal care and mobility independently; Completion of the appropriate level assessment course or equivalent skills.

Target Population: Summer camp activity leaders and administrators, university or college outdoor education faculty and instructors, canoe trip leaders.

Materials Provided: ACA Instructor Manual (CD version), Introduction to Paddling by the ACA

Testing: Exit interview after IDW; skill assessment, course end written exam, teaching assessment for ICE

Outcomes: IDW prepares students to take the ICE; successful completion of ICE results in 4-year instructor certification from the ACA; certificate of completion from Landmark Learning

College Credit: None available

Continuing Education: None available

Level 2: Essentials of River Canoeing Instructor

ACA 212

Contact Hours: 24 Hours

Description: The Instructor Development Workshop (IDW), over 1.5 days, is where instructors assess Instructor Candidate demonstrations and teaching technique, providing feedback for improvement. Instructor candidates receive an exit interview with specific recommendations and 2-4 teaching assignments for the Instructor Certification Exam (ICE). Over an additional 1.5 days, Instructor Candidates' teaching and demonstration skills are evaluated by course instructors to determine instructional status with the ACA. Additional course-specific requirements can be found in the ACA Instructor Criteria documents, available at: www.americancanoe.org/?page=Instructor_Criteria

Eligibility: Be 18 years or older; Be a current ACA member in good standing; Be able to independently participate in all skills, activities and rescues listed in the appropriate ACA Certification Course Outline and Instructor Criteria documents; Be able to effectively communicate with the Instructor Trainer and other course participants; Be able to manage all personal care and mobility independently; Completion of the appropriate level assessment course, or equivalent skills.

Target Population: Aspiring swiftwater rescue instructors, whitewater paddling instructors, college and university outdoor education faculty and instructors

Materials Provided: ACA Instructor Manual (CD version), LL Swiftwater Rescue Manual

Testing: Exit interview after IDW; skill assessment, course end written exam, teaching assessment for ICE

Outcomes: IDW prepares students to take the ICE; successful completion of ICE results in 4-year instructor certification from the ACA; certificate of completion from Landmark Learning

College Credit: None available

Continuing Education: None available

Instructor Updates

ACA 299

Contact Hours: 8 Hours

Description: Current instructors will teach two topics at their level of instructorship that are evaluated by Instructor Trainers; skill standards from appropriate level ICE are practiced and evaluated; Instructor Trainers share recent ACA curriculum updates

Eligibility: Current ACA instructor certification

Target Population: Current ACA instructors seeking update and recertification

Materials Provided: None

Testing: None

Outcomes: Recertification of ACA Instructor Certification

College Credit: None available

Continuing Education: None available

Level 2: Essentials of River Canoeing Skills Assessment

ACA 213

Contact Hours: 24 Hours

AMERICAN SAFETY & HEALTH INSTITUTE

CPR AND AED
ASHI 101

Contact Hours: 4 Hours

Description: ASHI CPR and AED is a combined CPR and AED program designed specifically for laypeople. The program is an excellent choice for both the community and workplace setting, and is based upon the2010 International Consensus on Cardiopulmonary Resuscitation (CPR) and Emergency Cardiovascular Care (ECC) Science with Treatment Recommendations (CoSTR) and other evidence-based treatment recommendations.

Eligibility: None

Target Population: This course is for anyone with limited or no medical training who seeks a course in CPR and AED use to meet job, regulatory or other requirements.

Materials Provided: Digital copy of ASHI CPR and AED Student Handbook provided at end of course

Testing: Written and practical exams at course end

Outcomes: 2-year ASHI certification in CPR from Landmark Learning

College Credit: None available

Continuing Education: None available

BASIC FIRST AID
ASHI 102

Contact Hours: 4 Hours

Description: ASHI Basic First Aid was created to help students develop basic first aid knowledge, skills, and the confidence to respond. The program is an excellent choice for both the community and workplace setting, and is consistent with recommendations of the 2010 National First Aid Science Advisory Board and OSHA's best practices for first aid training programs in the workplace.

Eligibility: None

Target Population: This course is for anyone with limited or no medical training who seeks a course in first aid to meet job, regulatory or other requirements.

Materials Provided: Digital copy of ASHI Basic First Aid Student Handbook provided at end of course

Testing: Written and practical exams at course end

Outcomes: 2-year ASHI certification in CPR from Landmark Learning

College Credit: None available

Continuing Education: None available

Basic Life Support
ASHI 103

Contact Hours: 6 Hours

Description: Students learn how to recognize a life-threatening emergency, how to provide professional provider basic life support skills (Cardiopulmonary Resuscitation - CPR) and what to do in case of an airway obstruction or choking. ASHI's Basic Life Support program has been approved for training for Emergency Medical Services personnel and is accepted by the National Registry of Emergency Medical Technicians (NREMT).

Eligibility: None

Target Population: This course is for healthcare professionals who need to know how to perform CPR, as well as other lifesaving skills, in a wide variety of in-hospital and out-of-hospital settings.

Materials Provided: Digital copy of ASHI Basic Life Support Student Handbook provided at end of course

Testing: Written and practical exams at course end

Outcomes: 2-year ASHI certification in CPR from Landmark Learning

College Credit: None available

Continuing Education: 2 hours CAPCE for EMTs, AEMTs, Paramedics

COMMUNITY RELIEF MEDIC

COMMUNITY RELIEF MEDIC

CRM 101

Contact Hours: 16 Hours

Description: Designed for people interested in medical care where modern prehospital care and supplies are absent, this training is the best for individuals who want to develop knowledge and skills caring for patients in times of community disaster or for mission and medical teams traveling abroad.

Eligibility: Must be at least 16 years old.

Target Population: Relief workers, organized first responder teams, local and regional public safety officers, mission teams and humanitarian groups traveling overseas.

Materials Provided: Padgett, J. (2011). Basic relief medic training manual. Cullowhee, NC.

Testing: Students must complete written exam with an 80% or higher pass rate.

Outcomes: Certificate of Completion from Landmark Learning will be awarded upon successful completion of written exam

Gain knowledge in: Patient care experience, Practical medical care skills, Information on self preservation and group management, Thorough Patient Assessment System-emphasis on “sick call” assessment, Knowledge of disease and illness, Focus on Assessment with some treatment, Scenarios and case studies, Long term material resources and references

College Credit: None available

Continuing Education: Approved for 16 hours for Medical Responders and EMTs through NCOEMS

Leave No Trace™

Center for Outdoor Ethics | LNT.org

LEAVE NO TRACE

MASTER EDUCATOR

LNT 101

Contact Hours: 40 Hours

Description: Provides participants with a comprehensive summary of Leave No Trace skills and ethics through practical application in a field-based setting; combination of 1-day classroom component, 3-day or 2-night field component, and 1-day community outreach opportunity; practice Leave No Trace teaching strategies by delivering a planned lesson; prepares students to deliver 2-day Leave No Trace Trainer courses and 1-day or shorter Awareness Workshops

Eligibility: None

Target Population: Backcountry guides, canoe trip leaders, private expedition groups, College or University outdoor education programs, hiking club trip leaders, park and forest rangers, and wilderness therapeutic programs

Materials Provided: Leave No Trace Master Educator Handbook, Leave No Trace DVD, LL Leave No Trace resource CD, set of Leave No Trace hang tags; food and group gear for 3-day field component

Testing: None

Outcomes: Leave No Trace Master Educator certificate from Landmark Learning, 1 year Leave No Trace membership, registration with Leave No Trace as Master Educator

College Credit: WCU

Continuing Education: None available

NORTH CAROLINA OFFICE OF EMS

HYBRID EMT INTENSIVE

NCOEMS 101

Contact Hours: 288 Hours

Description: 3 weeks of online forums and self-study, leading into 2 weeks of in-person skills training and field experience to complete North Carolina curriculum for Emergency Medical Technician; lecture- and scenario-based learning in topics of patient assessment, treatment of medical and traumatic emergencies, pharmacology, and pathophysiology; includes 48 hours of field experience with local ambulance service and emergency rooms

Eligibility: Minimum 17 years old, childhood vaccination and Hep B series, TB test within 6 months of the course start date, high school diploma or GED, no felony convictions and no driving violations, 10-panel drug screen and background check

Target Population: Individuals looking a career in emergency medicine; wilderness guides and instructors; ambulance crews, firefighters, law enforcement officers, and military personnel

Materials Provided: Landmark Learning EMT Manual; Landmark Learning clinical shirt and name tag; Landmark Learning clinical kit (optional fee-includes blood pressure cuff, stethoscope, shears, pen light)

Testing: Written exams at end of week 1, mid-term, end of week 2, and course end; Scope of Practice (SOP) practical exams at course end

Outcomes: Preparation for North Carolina or National Registry EMT credentialing exams, ASHI Basic Life Support certification, certificate of completion from Landmark Learning

College Credit: WCU, WSCU, UofU

Continuing Education: None available

EMT Refresher Training Program
NCOEMS 199

Contact Hours: 24 Hours

Description: 3-day course designed to provide 24 hours of required continuing education for re-credentialing of National Registry; hourly breakdown of components per National Registry requirements; also includes trauma, medical, and pediatric practical exams

Eligibility: Current EMT

Target Population: Current EMTs seeking continuing education hours for re-credentialing

Materials Provided: Landmark Learning EMT Manual

Testing: Written exams and Scope of Practice (SOP) practical exams at course end

Outcomes: 24 hours of training required by National Registry; Practical Examinations to satisfy continuing education requirements

College Credit: WSCU

Continuing Education: NCOEMS continuing education transcript with documented 24 hours of training and hourly breakdowns

Epinephrine Administration
NCOEMS 102

Contact Hours: 4 Hours

Description: 4-hour workshop on allergic reactions, anaphylaxis, and epinephrine administration, including practical scenarios, mini-lectures, and live sterile injection practice

Eligibility: There are no prerequisites for this course, though students must be 18 to receive the certificate; those under 18 can participate, but cannot receive certificate

Target Population: Wilderness and outdoor trip leaders, camp staff, programs that medical directors want to include EPI administration in protocols

Materials Provided: NC epinephrine workshop information form

Testing: None

Outcomes: 4-year state certificate from NCOEMS

College Credit: None available

Continuing Education: None available

NOLS WILDERNESS MEDICINE

WILDERNESS FIRST AID (WFA)

NOLS 101

Contact Hours: 16 Hours (20 with optional CPR)

Description: Hands-on course covers a wide range of wilderness medicine topics for people who travel and work in the outdoors, including patient assessment, treatment and stabilization of common injuries and illness, wilderness specific treatment, and prevention topics

Eligibility: Minimum 16 years old

Target Population: Avid hikers, teachers leading school trips, backcountry guides, canoe trip leaders, private expedition groups, college or university outdoor education programs, hiking club trip leaders, wilderness therapeutic programs, and adventure race safety personnel

Materials Provided: NOLS Wilderness First Aid Field Guide, NOLS Wilderness First Aid Handouts

Testing: None; written and practical exam if used to re-certify WAFA, WFR, or wilderness portion of WEMT

Outcomes: 2-year NOLS WFA certification from Landmark Learning

College Credit: UofU

Continuing Education: None available

Wilderness Advanced First Aid (WAFA)
NOLS 102

Contact Hours: 40 Hours

Description: Designed for trip leaders and those traveling or working in remote areas who seek a more extensive training program than the Wilderness First Aid course; focuses on stabilization, treatment and evacuation guidelines for patients in backcountry environments; emphasis is placed on long term patient care management and specific injury evaluation

Eligibility: Minimum 16 years old

Target Population: Backcountry guides, canoe trip leaders, private expedition groups, college or university outdoor education programs, hiking club trip leaders, wilderness therapeutic programs, EMTs and adventure race safety personnel

Materials Provided: NOLS Wilderness Medicine by Tod Schimelpfenig

Testing: Written and practical exam at course end

Outcomes: 2-year NOLS WAFA certification from Landmark Learning

College Credit: UofU

Continuing Education: 32 hours CAPCE for EMTs, AEMTs, and Paramedics

Wilderness First Responder (WFR)
NOLS 103

Contact Hours: 80 Hours

Description: Trains participants to respond to emergencies in remote settings; includes standards for urban and extended care situations; special topics include but are not limited to: wound management and infection, realigning fractures and dislocations, improvised splinting techniques, patient monitoring and long term management problems, up-to-date information on all environmental emergencies, plus advice on drug therapies; emphasis is placed on prevention and decision-making

Eligibility: Minimum 16 years old

Target Population: Backcountry guides, canoe trip leaders, private expedition groups, college or university outdoor education program leaders, hiking club trip leaders, wilderness therapeutic programs, EMTs and adventure race safety personnel

Materials Provided: NOLS Wilderness Medicine Handbook, NOLS Wilderness Medicine by Tod Schimelpfenig

Testing: Written and practical exam at course end

Outcomes: 2-year NOLS WFR certification, 2-year NOLS Adult/Child CPR certification from Landmark Learning

College Credit: WCU, WSCU, UofU

Continuing Education: 70 hours CAPCE for EMTs, AEMTs, Paramedics; 59.5 hours toward FAWM for active WMS members

WFR Recertification (WFR-R)
NOLS 199

Contact Hours: 24 Hours

Description: Scenario-based course is designed as review and practice of evacuation and decision making guidelines; also provides wilderness medicine practitioners with current updates in the wilderness medicine field; includes CPR for those who also seek this requirement

Eligibility: WFR certification of at least 70 hours, or WEMT certification

Target Population: Current WFR or WEMT certified individuals wishing to re-certify.

Materials Provided: NOLS Wilderness Medicine Handbook

Testing: Written and practical exam at course end

Outcomes: 2-year NOLS WFR certification, 2-year NOLS Adult/Child CPR certification from LL (2-year WEMT certification if currently credentialed EMT)

College Credit: UofU

Continuing Education: 18 hours CAPCE for EMTs, AEMTs, Paramedics

Wilderness Medicine for the Professional Practitioner (WMPP)
NOLS 104

Contact Hours: 16 Hours

Description: Hands-on intensive course for current urban emergency medical care providers; provides an introduction to critical wilderness medicine skills needed to take care of a patient in an extended care environment

Eligibility: Current EMT, Paramedic, RN, PA, MD, DO, PT

Target Population: EMTs, nurses, physicians, and other medical professionals

Materials Provided: NOLS Wilderness Medicine Handbook, NOLS Wilderness Medicine by Tod Schimelpfenig

Testing: None

Outcomes: NOLS Certificate of completion from Landmark Learning

College Credit: UofU

Continuing Education: 16 hours CAPCE for EMTs, AEMTs, Paramedics; 15 hours Category 1 CMEs for MD, DO, RN; 16 hours toward FAWM for active WMS members

Wilderness Upgrade for Medical Professionals (WUMP)

NOLS 105

Contact Hours: 24 Hours

Description: Builds on background in urban emergency care; learn how to improvise equipment, deal with challenging environmental conditions, and make difficult medical decisions in remote location; intense, hands-on curriculum uses daily role plays, case studies and practical scenarios

Eligibility: Current EMT, Paramedic, RN, PA, MD, DO, PT

Target Population: EMTs, nurses, physicians, and other medical professionals

Materials Provided: NOLS Wilderness Medicine by Tod Schimelpfenig, NOLS Wilderness Medicine Handbook

Testing: Written and practical exam at course end

Outcomes: 2-year NOLS WFR certification from Landmark Learning for RN, PT, MD, DO, PA, NP or other advanced care providers; EMTs may use course to upgrade to 2-year NOLS WEMT certification

College Credit: WCU, WSCU, UofU

Continuing Education: 48 hours CAPCE for EMTs, AEMTs, Paramedics; 43 hours Category 1 CMEs for MD, DO, RN; 35.75 hours toward FAWM for active WMS members

Wilderness EMT (Hybrid EMT plus WUMP Format)

This intensive course combines wilderness medicine with urban medical care practices into a single month-long program that includes clinical rotations helping to provide care for real patients. After four weeks of classroom education, practical skills, scenarios and full-scale mock rescues, you will be ready to handle medical emergencies, in the wilderness or right in town.

The first five weeks of the experience is focused on 288 hours EMT training, with an immersion into urban care. You will complete 48 hours of field experience on an ambulance and/or in an emergency room setting, and be eligible for both the North Carolina Office of EMS exam and the National Registry of EMTs exam at course end. At the end of the EMT experience, the course continues with the 5-day NOLS Wilderness Upgrade for Medical Professionals to receive your WEMT certification. This 48-hour training focuses on prevention and treatment of common injuries and illnesses in remote and outdoor settings with limited resources.

See the individual course listings for NCOEMS EMT Intensive and NOLS Wilderness Upgrade for Medical Professionals for specifics and eligibility.

STARFISH AQUATICS INSTITUTE

WILDERNESS LIFEGUARD (WLG)
SAI 101

Contact Hours: 16 Hours

Description: Course designed to satisfy needs of wilderness trip leaders with a focus on prevention in backcountry swimming environments; typically offered as standalone course, but may be taken as an add-on to other standard lifeguarding courses

Eligibility: Minimum 16 years old; current certification in WFA and Adult CPR as minimums (WFR preferred), Swim 100 yards, Retrieve a submerged weighted object, Tread water for three minutes without using hands

Target Population: Backcountry guides, canoe trip leaders, private expedition groups, college or university outdoor education programs, hiking club trip leaders, wilderness therapeutic programs, and adventure race safety personnel

Materials Provided: SAI Wilderness Lifeguard manual

Testing: Written and practical skills exam at course end

Outcomes: 2-year SAI Wilderness LifeGuard certification from Landmark Learning

College Credit: None available

Continuing Education: None available

WILDERNESS LIFEGUARD INSTRUCTOR TRAINING
SAI 201

Contact Hours: 24 Hours

Description: After taking the Wilderness StarGuard course, participants can take this additional three-day training to become an Instructor candidate.

Eligibility: Minimum 21 years old, Successful completion of Wilderness LifeGuard program, Current certification in Wilderness First Aid or higher and current certification in adult level CPR or higher

Target Population: Backcountry guides, canoe trip leaders, private expedition groups, College or University outdoor education programs, hiking club trip leaders, wilderness therapeutic programs, and adventure race safety personnel

Materials Provided: SAI Wilderness Lifeguard manual

Testing: Practical skills assessment, educational skill assessment

Outcomes: 4-year SAI Wilderness LifeGuard Instructor certification

College Credit: None available

Continuing Education: None available

LANDMARK OUTDOOR EDUCATOR SEMESTER

The Landmark Outdoor Educator Semester (LOES) is a combined course experience taught May-June each year for rising professionals in the outdoor education and recreation fields. This combination of nationally recognized certification trainings offers students an opportunity to make themselves marketable in the outdoor community, building a resume founded in national standards. Training does not substitute for experience, however training helps folks gain the work that furthers their outdoor professional career. The LOES is available for up to 12 hours of college credit ($55/credit hour) through Western Carolina University.

Contact Hours: 380+ Hours

Description: Rising professionals in the outdoor recreation industry, college students in their gap year, individuals at a career-choice crossroad, military personnel transitioning to civilian working life and desiring a career recreation pursuit.

Prerequisites:

- Proof of age 18 years or older
- Education: HS Diploma or equivalent
- No felony convictions and a clean driving record
- Minimum of 3 weeks backcountry living experience
- Able to swim 100 meters
- Able to hike and carry personal equipment 2 miles
- Previous tandem canoe experience
- Previous teaching experience preferred
- Letter of recommendation from current Academic Advisor or Department Head

Certifications Received: Certifications, certificates of completion, and testing eligibility shall be awarded for each Semester segment, see each course page for specifics.

Continuing Education:The Landmark Outdoor Educator Semester is eligible for your choice of up to 15 hours of college credit from Western Carolina University, right here in Cullowhee, NC. SACS-accredited university, WCU will be able to offer transfer of your credits to your current or future school.

Students should expect to apply at WCU, pay a $65 one-time application fee, and enroll for the credits at least four (4) days before the course start date. The course is offered $55 per credit hour.

Go to: WCU Educational Outreach to apply and pay online.

Landmark Learning will provide final grades to WCU within 5 days of the Semester completion, and transfer will be available to students after that according to WCU's calendar schedule.

To initiate your enrollment, alert the LL office when you register regarding your intention to gain college credit for the experience.

LOES Components:
ACA L2: Essentials of Canoe Instructor
SAI Wilderness LifeGuard
ACA L4:Swiftwater Rescue
NOLS WEMT 3+1
Leave No Trace Master Educator
LOES Capstone Expedition

the Landmark Foundation

We offer:

The Landmark Foundation began in 2014 to meet the increasing demand for financing solutions for our students. The Landmark Foundation also gives students, groups or organizations an opportunity to donate to the support of future students.

Make a Donation to support other students with the opportunity to learn and gain skills in the outdoor industry. In an open learning environment, fun and experienced faculty, exciting and diverse teaching methodologies, realistic practical exercises, and research-founded curricula.

Scholarship and Funding options include:

- Beckwith Scholarship
- Taylor Scholarship
- Wall Scholarship
- Multi-Student Scholarship

Browse the Landmark Foundation Scholarships and funding options, and select the one that best suits your needs.

Beckwith Scholarship

In memory of our good friend and mentor, Jerry Beckwith, who passed away in 2006 from amyotrophic lateral sclerosis (ALS), this scholarship is designed to serve the individual in financial need. An annual paddling race set up to promote and donate to research for a cure for ALS.

Taylor Scholarship

LANDMARK LEARNING

Don Taylor, an alum, was working toward instructorship with Landmark Learning. On his travel to a LL course, Don was killed in a motor vehicle accident in our county, and was attended on scene by a Paramedic who was also Landmark Learning faculty. This grant is dedicated to active members of service organizations, in memory of Don.**Wall Scholarship for Outdoor Student Leaders**

This scholarship is designed for Student Outdoor Leaders who are currently employed by a college or university outdoor program. Students can serve in roles such as: Trip Leaders, Graduate Assistants, Climbing Wall Staff, Challenge Course Staff, etc. Both undergraduate and graduate students my apply. This scholarship is made possible by the gracious giving from *Landmark Foundation* Board member Katie Coley Wall.

Multi-Student Scholarship

For Organizations seeking training for 4 or more of their staff members in any one specific course type and date set. Small organizations with small staff groups can benefit here.

Visit our Website to Apply or Donate Now!

www.thelandmarkfoundation.org

LANDMARK LEARNING COURSE CATALOG

VOLUME IX, ISSUE 2, AUG 2020

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