

LEAVE NO TRACE MASTER EDUCATOR COURSE



January 3rd-7th, 2012

Canoeing- Boquillas Canyon
Big Bend National Park

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HISTORY OF LEAVE NO TRACE

Leave No Trace is a national education program dedicated to promoting and inspiring responsible recreational practices through education, research and partnerships. The Leave No Trace program is a partnership of federal land management agencies, outdoor educators, conservation groups, manufacturers, outdoor retailers, user groups and individuals who share a commitment to preserving and protecting our public lands.

The US Forest Service formalized a partnership with NOLS in 1990 to develop a written Leave No Trace educational curriculum for wildland visitors. NOLS involvement in the program marked the beginning of the partnership model that continues to the present day. NOLS also developed the ethics and experiential training aspects of the LNT program, the capstone of which is a five-day [Master Educator Course](#) for land managers, outfitters and outdoor educators. In 1994, NOLS helped to found the [Leave No Trace Center for Outdoor Ethics](#), a non-profit 501(c)(3) organization based in Boulder CO



LEAVE NO TRACE MASTER EDUCATOR COURSE

A Master Educator course is typically five days in length and designed for people who are actively teaching others backcountry skills or providing recreation information to the public.

As of January 2010, there are over 3500 Leave No Trace Masters world wide representing nine countries and 50 U.S. states! This valuable training is recognized throughout the world by the outdoor industry and land management agencies. The profile of our graduates is highly varied from USFS and NPS backcountry rangers to scout leaders, from outdoor retail executives to school teachers, from college outing club members to outfitters and guides.

Successful graduates of the Master Educator course have the ability to train others in Leave No Trace skills and ethics, and can offer:

- [Leave No Trace Trainer courses](#) (2-day) and
- [Awareness Workshops](#) (1-day or shorter).

The Master Course provides participants with a comprehensive overview of Leave No Trace skills and ethics through practical application in a field-based setting. The first day is spent in a classroom, introducing the course and schedule, providing in-depth information on the overall Leave No Trace program and the Center for Outdoor Ethics, reviewing gear, and packing. The remaining days are spent in the field on a short backcountry trip learning and practicing the principles of Leave No Trace.

Each course is staffed with a minimum of two highly experienced outdoor professionals who are Master Educator Instructors. You will learn Leave No Trace techniques through skits, discussions, and hands-on activities. To practice Leave No Trace teaching strategies in a supportive, educational environment, each participant will teach a short session geared toward minimum impact Leave No Trace concerns.

LEAVE NO TRACE SCHOLARSHIPS

Partial scholarships are available through Leave No Trace Center for Outdoor Ethics. Scholarships are available for private citizens, organization members, and others interested in teaching Leave No Trace. To be eligible, applicants must be enrolled in an approved Leave No Trace Master Educator course prior to submitting the scholarship application. **The deadlines for scholarship applications: April 1 and August 1.**

Please submit your application before the deadline closest to your course dates. In some cases, scholarships may be retroactive if your course runs prior to one of the deadlines. This particular course falls in between the scholarship deadlines. Often times there are still funds available for scholarships, so it is worth your effort to pursue it.

To complete an application, email grants@lnt.org, call 800-332-4100 or visit: [Online Scholarship Application](#)

HISTORY OF THE WILDERNESS EDUCATION ASSOCIATION (WEA)

The Wilderness Act was one year old. Americans were beginning to turn more attention to the outdoors and the environment, pressing for laws to protect clean air and water and sparking a decade or more of environmental enlightenment. Paul Petzoldt, a legendary mountaineer, had a dream. He wanted to train leaders. He wanted to help people learn to care about and protect the wilderness.



Throughout his life Petzoldt worked to preserve and protect wild lands. In 1963 he testified before Congress in favor of the Wilderness Act. Also in 1963, Petzoldt helped establish the first American Outward Bound program in Colorado. While working at Outward Bound, he recognized the need to teach people how to safely enjoy and conserve the outdoors. His vision was to train leaders capable of conducting wilderness programs in a safe and rewarding manner and the result was the National Outdoor Leadership School (NOLS). (www.nols.edu)

Internationally recognized for his pioneering role in the development of wilderness education at Outward Bound and NOLS, Paul K. Petzoldt was the impetus behind the founding of the WEA along with Dr. Frank Lupton, Robert Christie and Charles Gregory, all leaders in their own right. These individuals shared a common vision concerning the development of outdoor leadership and the role of education in the preservation of this country's wild land areas. Convinced that the survival of the American Wilderness and the safety of those seeking to enjoy it would require a massive educational effort, WEA founders envisioned a network of decentralized Affiliates teaching from a standard program, as rich in environmental decency as it was in leadership.

In 1977, born from this vision was the Wilderness Education Association designed to train leaders with the judgment and decision-making skills to safely lead and teach the public in the appropriate use of wilderness areas. A curriculum now known as the 18-point curriculum was developed to meet these goals. In 2008, the WEA developed a three-year Strategic Plan that would take the association on a journey to re-crafted its mission and vision and update operations of the association. The historical 18 point curriculum was revised for the first time in 30 years and was reformatted as a core competency based model. 2009 marked the beginning of the association's transition from being a course provider to an accrediting body and instituting the International Registry of Outdoor Leaders. WEA is an accrediting body with different member institutions and programs. Baylor University is a member institution and is able to offer this Leave No Trace Master Educator through the WEA.

We encourage you to join the WEA as we strive to continue the vision of our founders and maintain a tradition of excellence that began with the four men that shared a vision of change.

LNT MASTER EDUCATOR COURSE PROVIDERS

All Leave No Trace Master Educator courses are currently offered by five approved training institutions:

Appalachian Mountain Club (AMC)

National Outdoor Leadership School (NOLS)

United States Forest Service (USFS)

Landmark Learning LLC

Boy Scouts of America

Wilderness Education Association (WEA)

WEA MISSION

The mission of the Wilderness Education Association is to promote the professionalism of outdoor leadership and to thereby improve the safety of outdoor trips and to enhance the conservation of the wild outdoors. The WEA promotes professionalism through the following strategies: certification, accreditation, affiliation, membership, program consulting, research and development and the fostering of collaboration and partnerships with like-minded institutions and organizations

The WEA believes that wilderness education and outdoor leadership must be incorporated into all levels and types of educational outdoor programs in order to:

- Elevate wilderness education and preservation in the minds of students and future leaders across the country
- Help develop a land ethic consistent with the ideals of the Wilderness act; and
- Establish wilderness education and outdoor leadership as a legitimate academic and professional field of study

BAYLOR UNIVERSITY OUTDOOR ADVENTURE

Baylor University Outdoor Adventure is hosting this Leave No Trace Master Educator course. Baylor is an affiliate of the Wilderness Education Association and as such can offer this course with professional & quality instruction, quality equipment, and fine backcountry cuisine you would expect from the oldest university in the state of Texas.

The mission of BUOA is to utilize the inherent benefits of outdoor adventure pursuits to enhance the college life of the student through opportunities that meet personal recreation needs and interests while enhancing the developmental and educational initiatives of the University.



Objectives

- Provide students with a wide variety of safe and meaningful outdoor adventure experiences
- Provide students with the opportunity to learn and develop outdoor skills for safe and personal enjoyment
- To utilize the dynamics associated with outdoor pursuits for personal development and growth
- To improve the quality of life of students through expanded leisure interests
- To enhance the spiritual life of students through the use of the outdoors

INSTRUCTOR BACKGROUND

Jerel Cowan (Lead Instructor)

Jerel is currently an Assistant Professor at University of Central Oklahoma where he is the Coordinator for the Outdoor and Community Recreation program in the Kinesiology and Health Studies department. Jerel is a gifted teacher and has taught a plethora of classes focusing on environmental integration, ethics, and outdoor leadership. He is passionate about training proficient outdoor leaders and spends the majority of his time doing so. He is also renowned for preparing fine backcountry cuisine, giving effective feedback, and making you laugh. Whatever other free time he may have he spends with his lovely wife and two children, riding his road bike on desolate back roads, or telling thrilling stories of epic adventures and wild places.

Jerel currently serves as the Vice-Chair for the Edmond Land Conservancy Board; the President elect of Recreation for the Oklahoma Association of Health, Physical Education, Recreation and Dance (OAHPERD); Current Chair of the Oklahoma Trails Advisory Board; and Leave No Trace Master (Center for Outdoor Ethics) State Advocate for Oklahoma. Jerel is a Leave No Trace Master Educator Instructor through the Wilderness Education Association (WEA); a Wilderness First Aid Instructor; and a member of the National Recreation and Parks Association. His research involves assisting student in GPS mapping of Oklahoma trails through the OKTrails4All grant project.

Research Interests:

- Using GIS & GPS to create user friendly custom maps
- Transference of Environmental Ethics through a Wilderness Experience

Education:

Ph.D. Environmental Science- Oklahoma State University
M.S. Therapeutic Recreation/Leisure Services- Oklahoma State University
B.S. Recreation- University of Central Oklahoma

Certifications:

Leave No Trace- Master Educator Instructor Trainer
Wilderness Education Association- Instructor
Wilderness First Aid Instructor-
AHA- Heartsaver CPR



Mark Mullert (Assistant Instructor)

Mark is the Coordinator for Outdoor Adventure at Baylor University. He is skilled in rock climbing, mountaineering, sea-kayaking, mountain biking, canoeing, adventure racing, and guitar. Mark has experience teaching outdoor and environmental education in the academic setting and for non-profit organizations.

His desire is to train outdoor leaders to be technically competent, lead safe trips, educate their participants to make good decisions, and foster a genuine care for the environment. He has experience paddling on rivers, lakes, and oceans throughout the U.S.A. The Rio Grande is one of his favorite rivers because of its austere beauty of the steep canyon walls and the serene solitude.

Research Interests:

- Effects of Freshmen Wilderness Orientation Programs on Self-Esteem, Student Involvement, & Spiritual Development
- Sustainability on College Campuses: Community Bicycle Programs, Recycling, and Bio-Fueled Vehicles
- Risk-Management of Outdoor Programs
- Program Planning & Design

Education:

M.S. Recreation Management- State University of New York , Cortland, NY

B.S. Outdoor Recreation & Camp Administration- Houghton College, Houghton, NY

Certifications:

ACA Canoe Instructor- Level 2

ACA Sea Kayak Instructor- Level 3

ACA Trip Leader

Leave No Trace Master Educator

Wilderness Education Association- Certifying Instructor

Wilderness First Responder- SOLO

AHA-CPR for Professional Rescuer

AMGA Single Pitch Instructor



LEAVE NO TRACE MASTER EDUCATOR COURSE

January 3rd-7th, 2012

Canoeing- Boquillas Canyon
Big Bend National Park, Texas

COURSE TUITION

Tuition Cost: \$700.00

Tuition Includes:

- 5 day course- 4 days in the field
- Group Equipment & Gear- canoes, paddles, pfd's, tents, cookware, etc...
- Fine Backcountry Cuisine
- One Year Membership to Leave No Trace
- Leave No Trace Educator Toolkit including:
 - a) Leave No Trace Master Educator Handbook
 - b) NOLS- Soft Paths- *How to Enjoy the Wilderness Without Harming It*
 - c) 101 Ways to Teach Leave No Trace
 - d) 3 Skills & Ethics Booklets:
 - Deserts & Canyons*
 - North America*
 - Western River Corridors*
 - e) Leave No Trace Ethics Reference Card Library- All 10
 - f) Leave No Trace Bumper Sticker

Not Included:

- Your Travel to Big Bend National Park
- Your park entrance fees
- Any gear you may need to rent

Required

Ability to Swim.

Familiarity with Leave No Trace principles (www.lnt.org).

Basic Camping Skills

Preferred

Experience Canoeing

COURSE DESCRIPTION

During your five days in this wealthy ecosystem, you will learn and then teach the core principles of Leave No Trace. The focus of the course will be on the seven core principles of Leave No Trace and their application to the desert and canyon environment. Your group will consist of an eclectic group of outdoor educators, backcountry guides, nature enthusiasts, college students, and individuals that want to care for the environment. The route will be approximately 35 miles, beginning at Rio Grande Village and taking out at La Linda. The campsites along the way are first come first serve, so there will be an emphasis on hitting the water early in the morning to have the best chance of obtaining a campsite and to paddle in the less windy morning hours. Much of the afternoon time will be spent on land teaching classes and discussing minimum impact methods.

The weather in Big Bend in the winter can bring cold [weather](#), dropping temperatures down into the thirties, and occasionally bringing snow. However, interspersed with these cold spells are spells of very comfortable, warm weather (70s or 80s and even higher sometimes, *down on the river*). The nights, however, are commonly freezing or below—in the 20s or teens down on the river. So, please be prepared for it to be warm and fairly cold at night. We plan to have time for learning, but also want to set aside time for recreation- day hikes, paddling, journaling, and birding. Texas is one of the best places in the world for spotting rare migratory birds in the winter.

Although we will be canoeing as a mode of travel for this course, the emphasis is on Leave No Trace. This is **NOT** a canoeing certification course or instructional course. We will spend a few hours the first day going over paddling and rescue techniques. Throughout the course we will provide tips and pointers for paddling skill and efficiency. If you want to learn more paddling skills (technique, rolling, rescues, etc.), we would gladly direct you to an American Canoe Association course that meets your needs. www.americancanoe.org

CURRICULUM

Leave No Trace Master Educator courses are a practical, educational, and experiential way to learn the basis and rationale behind minimum impact camping and environmental ethics. You will learn how to design and implement LNT lesson plans through the use of skits, lectures, discussions, and song in a picturesque setting. This course is for folks looking to gain more knowledge of leave no trace, hone minimum impact camping techniques, learn to teach fun and engaging outdoor lesson plans, and have a fun time with like minded individuals. To learn more about Leave No Trace please visit: www.lnt.org

TEACHING TOPICS

Each student will be required to present a short 15-20 minute class on one of the Leave No Trace principles and how it relates to the desert & canyon environment. The class can be hands-on technical in nature or more theoretical. There may be some time during the first evening of the course to hone your lesson, but once the course has begun please plan on having your lesson prepared. If you have any questions regarding your lesson please contact Jerel Cowan, Lead Instructor and wealth of knowledge at JCowan2@uco.edu or Mark Mullert, the very skilled and savvy Assistant Instructor at mark_mullert@baylor.edu

In your registration packet, please make sure to include your first and second preference in teaching on one of the seven Leave No Trace principles; ie. First Choice: Plan Ahead and Prepare, Second Choice: Camp on Durable Surfaces etc...

LOCATION

This course will take place in Big Bend National Park in Texas. The park has national significance as the largest protected area of Chihuahuan Desert topography and ecology in the United States, which includes more than 1,200 species of plants, more than 450 species of birds, 56 species of reptiles, and 75 species of mammals.^[2]

On our journey you will need to pay attention to the details as the vegetation may seem sparse, but what is there is in miniature. We may see ghost towns of the Wild West and abandoned villages. The deep picturesque canyons will take your breath away, and the rugged rock formations and ancient lava flows in the Chisos Basin are a majestic sight in the serene desert landscape.

The park covers 801,163 acres.^[2] Few areas exceed the park's value for the protection and study of geologic and paleontologic resources. Cretaceous and Tertiary fossil organisms exist in variety and abundance. Archaeologists have discovered artifacts estimated to be 9,000 years old, and historic buildings and landscapes offer graphic illustration of life along the international border in the 19th century.

For more than 1,000 miles the Rio Grande/Río Bravo forms the international boundary between Mexico and the United States, and Big Bend National Park administers approximately 244 miles (393 km) along that boundary. The park was named after the area, which is bounded by a large bend in the Texas-Mexico border.

TRIP SAFETY

Occasionally, some folks have concerns about attending a course on the United States/Mexico border because of the violence that has spread throughout the media over the last few years. Although we cannot guarantee there would not be any evildoers in the area; the canyons that we are paddling in are regularly patrolled by National Park Service Rangers; they are commercially used by 4 local rafting/canoeing outfitters (not to mention countless others from around the country); the canyons are remote and only accessible by canoe; and we will have at least one Satellite Phone and one SPOT Messenger device (w/ text capability) on the trip to contact for help if the need should arise. We will camp on the U.S. side of the river and only land on the Mexican side to scout rapids, make canoe adjustments, bail out canoes, and other short stops.

The majority of the violence you hear about is on the Rio Grande near the heavily populated areas of the border towns of Juarez and El Paso. This is around 6.5 hours away to the Northwest.

The National Park Service is confident in the safety of the area, that they have taken steps to re-open a border crossing that has been closed since 9/11, for details click [here](#). For additional information please read the NPS Visiting Big Bend link [here](#). If you have any other trip safety concerns please contact the Assistant Instructor, Mark Mullert at mark_mullert@baylor.edu

FOOD AND DIET

You will cook and sleep in smaller groups of 3-4, but will be together as a large group for the class lectures and presentations. Camping in small groups allows participants more opportunities to practice and hone their Leave No Trace techniques. Food for the course will be of NOLS/WEA style rations including pastas, cheeses, beans, dried fruits, etc... However, since we are travelling via Canoe, we will have a cooler for some fresh vegetables and perishables.

If you have special dietary needs please contact Mark Mullert, trip logistics coordinator at 254-710-7606 or mark_mullert@baylor.edu

IDENTIFICATION

The National Park Service does not require visitors on the Rio Grande River Corridor to have a valid Passport on them. However, a Valid U.S. Photo ID is required: Driver's License, Passport, Military ID, etc...

PHYSICAL CONDITION, SAFETY AND HEALTH INFORMATION

As indicated above, Leave No Trace courses are primarily intended to provide participants with skills and techniques related to minimum impact camping and environmental ethics. However, this course does involve strenuous physical activities in a remote wilderness setting, some distance from medical/emergency care. For your own safety and the safety of others in the group, participants are expected to have basic outdoors skills and be in good physical shape before starting the course. You must complete a Health Form and obtain your family doctor's written approval prior to acceptance in the course.

ENROLLMENT FORMS

The following forms will be available on-line at the [Baylor University Outdoor Adventure](#), [WEA](#), and [Leave No Trace](#) websites and must be completed prior to acceptance on the course:

- Leave No Trace Course Application
- Health and Consent to Treat Form
- Liability Release Form

Spots are held in order of receipt of all application materials & deposit.

PAYMENT AND CANCELLATION POLICIES

Course tuition is **\$700** and includes a one year individual membership to Leave No Trace, skills instruction, group gear and equipment, books and materials, tasty meals, and tons of fun.

- To enroll in the course and secure your spot, all three forms must be completed and a **\$200 non-refundable deposit are required.**
- The balance of the tuition will be due Friday, December 2nd (30 days prior to the course)
- **If you cancel your enrollment for any reason, the refund policies are as follows:**
- Prior to 30 days before course start, Baylor University will retain the **\$200 deposit**
- Between 15-29 days before course start date, Baylor University will retain 25% of the tuition.
- Between 8-14 days prior to course start date, Baylor University will retain 50% of the tuition
- Between 0-7 days prior to course start date, there will be NO refunds.
- If you are a No-Show there will be, NO refunds.

Accepted forms of Payment:

Visa and Mastercard
Personal Check
Bear Bucks

You can pay at the Baylor University McLane Student Life Center Front Desk or mail a personal check.

Please make payment to: ***Baylor University Outdoor Adventure***

Please send payment to:

Mark B. Mullert
Coordinator for Outdoor Adventure
Baylor University
One Bear Place #97100
Waco, Texas 76798-7100

For Questions on Payment Options- Please Contact Mark Mullert

254.710.7606 office

254.710-3418 fax

Mark_Mullert@baylor.edu

SAMPLE COURSE ITINERARY

Day One

- Course Begins
- Introduction to LNT history, What is a “Master Educator”?, research and LNT
- Outdoor Teaching Skills Workshop
- Canoeing Skills Workshop
- Principle #1: Plan Ahead & Prepare
- Final Packing, Weather Check, Gear-Up

Day Two

- Breakfast
- Paddle early- Secure Campsite
- Principle #2: Travel and Camp on Durable Surfaces
- Principle #3: Dispose of Waste Properly
- Explore/Clean Area

Day Three

- Breakfast
- Break camp, evaluate impact, camp sweep
- Morning Paddle
- Principle #4: Leave What You Find
- Principle #5: Minimize Campfire Impacts
- Afternoon Exploration
- Introduction to Trainer Course Materials

Day Four

- Breakfast- break camp, evaluate impact, camp sweep
- Paddle to next campsite
- Principle #6: Respect Wildlife
- Principle #7: Be Considerate of Other Visitors
- How to Teach a Leave No Trace Trainer Course

Day Five

- Early Breakfast-
- Short Paddle to Take Out
- Shuttle Back to Rio Grande Village
- Course Evaluations
- Feedback
- Clean-up
- Closing Ceremony
- Hot Springs (optional)

TRAVEL & LOGISTICS

START TIME & LOCATION

The course will meet at Far Flung Outdoor Center at **9:00am promptly on Tuesday, January 3rd**. Please be on time to ensure we have a smooth course and can cover the necessary material.

1 Adventure Ln Highway 170
Terlingua, TX 79852
800.839.7238

www.ffoc.net

For Directions and a Map click [HERE](#)

TRAVEL INFORMATION

Flying

Southwest Airlines has the best connections into Midland. Several rental car agencies are available at the airport. Drive time from the Midland airport to Big Bend is about 3.5 hours.

Southwest and American have the best connections into El Paso. Rental car agencies are plentiful at the El Paso airport. Drive time from the El Paso airport is 4.5 hours.

Trains

Amtrak (800-USA-RAIL) has service several times a week into Alpine, but don't be in a big hurry as the train has a reputation for not being on time. Local rental car service is available at Alpine Auto Rental (see below)

Travel Times to Far Flung Outdoor Center (in hours, approximate):

Austin	7
Dallas	10
El Paso	4.5
Fort Davis	2
Houston	12
Marathon (via Highway 118 from Alpine)	2
Midland/Odessa	3.5
Presidio	1.75
San Antonio	7

Rental Car Service

Alpine Auto Rental (800-894-3463) has vehicles available from Alpine, Texas.

CAMPING

For those of you arriving on the evening of the 2nd (Which we Highly Recommend) camping is included in the cost of the course. A group site has been reserved for Monday, January 2nd and Tuesday, January 3rd. We will have campsites the evening of the 7th after the course, if you would like to stay with us or you are welcome to drive back to town.

VEHICLE STORAGE

Vehicles may be stored at the Rio Grande Village throughout the course. They must have a valid park entrance receipt on the windshield.

COURSE LOGISTICS

The first day will be spent going over the history of LNT, the Seven Principles of Leave No Trace, Canoeing Skills workshop, and final preparation for our expedition. The group will stay in the campground Tuesday night, January 3rd.

The backcountry portion of this trip will begin Wednesday morning (January 4th) with the next 3.5 days spent in the field.

The course will end Saturday, January 7th in the early evening. Please allow time for cleaning equipment, completing course evaluations, and a short graduation ceremony. We will plan to be done by 6:00pm on Saturday evening.

WEA/BAYLOR UNIVERSITY /LNT COURSE POLICIES

Course leaders reserve the right to dismiss participants immediately from the course in the event that participants violate the policies outlined below or otherwise pose a threat to the safety, security and/or well-being of themselves, other participants, the course leaders and/or the private or public property on which the course is being held. Participants dismissed for cause will be responsible for the costs of their evacuation and will not be eligible for LNT certification.

1. Drugs, Alcohol, and Tobacco: Illicit drugs are prohibited while on course. Alcohol and Tobacco are prohibited in the field. Please be a responsible outdoor professional.
2. Harassment: Harassment of any kind, including sexual harassment, will not be tolerated. Harassment includes verbal, physical or visual conduct that creates an intimidating, offensive or hostile environment or that interferes with one's performance, including dirty or ethnic jokes. Additionally, sexual harassment includes any request or demand for sexual favors, sexual advances, sexually oriented remarks, and any unwelcome intentional touching of another person's body.
3. Individual Actions: There shall be no violation of State, Federal, or International laws nor any action that would be harmful or cause embarrassment to any individual on the course, Baylor University, Leave No Trace Center for Outdoor Ethics, or the Wilderness Education Association.
4. Medical/emergency care: Because the course will be held in a remote wilderness setting, some medical incidents – sprains, flu, diarrhea, etc. - may be treated in the field. More serious incidents – such as bone fractures – will require evacuation to a medical facility. You are responsible for all costs incurred in the event of an illness, injury and/or evacuation.
5. Equipment Care: Each participant will be required to replace any damaged or lost individual equipment that he/she borrows or rents- i.e. Canoe Paddles. Replacements and/or repairs of group equipment will be shared equally among all participants and instructors- i.e. Tents, Stoves, etc... Canoes are individual gear.
6. Equipment and Clothing: Bring all required equipment and clothing on the gear list for this course. Please consult Jerel or Mark about any questions regarding the suitability of your equipment before leaving for Texas. Arriving to the course with poor equipment or broken equipment will make for an uncomfortable or possibly unsafe trip. If you do not have the necessary equipment to be safe in the backcountry and cannot obtain it, we reserve the right to exclude you from the field portion of the course. It will likely result in a poor evaluation toward becoming certified too.
7. Co-ed Tenting: is not permitted unless participants are married or using a tarp shelter.
8. Group Conflict: You will be in a group of 8-12 people for 5 days. You may be challenged physically, mentally, and emotionally. The course is designed to help you grow as an outdoor leader. There may be conflicts and you will be expected to and taught how to resolve these conflicts in a mature and positive manner.
9. Feedback and Evaluation: This course is a cooperative learning experience. Continual verbal feedback is required from everyone on course. The ability to communicate effectively is an important asset for an outdoor leader to possess.
10. Weather: The High Desert can have extreme temperature changes in the winter. Generally, the water temperature and air temperatures are around 40-60 degrees. Expect the nights to be in between 15F and 30F, and the days to be as warm as 80F. It is possible it could rain, be extremely windy, or even snow. **BE PREPARED FOR INCLEMENT WEATHER!!!**

TEACHING SESSION INFORMATION

The Leave No Trace Master Educator Course is the foundation of the national Leave No Trace education model. Graduates of the Masters course are expected to teach others, including agency personnel and the public, the principles of Leave No Trace through workshops of any length or LNT Trainer courses of at least 16 hours in duration.

To better equip masters to meet this expectation, each participant will teach at least one class in the field during their course. These classes provide hands-on learning experiences and the chance to practice LNT teaching strategies in a supportive, educational environment.

Your teaching session should be 15-20 minutes long, and can be either skills-oriented or theoretical in content. We encourage you to use a creative and interactive teaching style (skit, role-play, game, story telling, question & answer, etc.) and to avoid a lecture/discussion format. Keep in mind that your class should provide a thorough look at the chosen principle or topic since it probably won't be covered again during the course. Typically, the classes promote great group discussions following one's formal presentation.

TURNING AN OUTLINE INTO INSTRUCTION

The following considerations and questions are designed to help you determine the what, how much and when of instructing the LNT curriculum.

- 1) Select and research your class topic.
- 2) Determine what is important for your students to learn and how the subject applies to your overall program objectives.
- 3) What three key points would you want these people to remember a year from now? Can you enhance the learning with an activity, a teachable moment or a game? Have you allowed enough time to scout the site, to do repeated demonstrations, and to answer questions?
- 4) Gather information that will give your class depth. Examine your own experience for anecdotes that illustrate important points. Ask yourself, "Do I have enough experience, skill and knowledge to teach this topic adequately?"
- 5) Try to simplify the instructional organization so that you can teach it off the top of your head or by casually referring to a simple written outline.
- 6) Ask for feedback on your outline and comments on your progression.

Remember that your class will take place in the backcountry, so you will not have access to audiovisual equipment. However, visual aids can be drawn on a sand bar, on your body, or on a sleeping pad. A good visual aid leaves a strong image and reinforces the topic of discussion. Plan on a group size of 8-12 people.

Each participant will receive constructive verbal and written feedback from the instructors and other group members at the end of their teaching session.

LEAVE NO TRACE TEACHING TOPICS

The following is a list of teaching session topics based on past courses. You may choose from the list below or come up with a topic based on your own interest, knowledge, and familiarity. We will discuss with you in advance your class choice to make sure that no one else has selected the same topic, and to make sure all the seven principles have been covered.

Here are a selection of Topics:

LNT Principles:

- Plan Ahead and Prepare (this principle is usually be covered by instructors as a demo)
- Travel and camp on durable surfaces
- Dispose of Waste Properly
- Leave what you find
- Minimize Campfire Impacts
- Respect wildlife
- Be considerate of other visitors

Additional Topics:

Minimum-impact camping in bear country

LNT for populations with special needs

Impacted site rehabilitation

Regional/local needs for LNT

Local ecology/ecosystems/plant species

LNT practices for the Desert & Canyon environments

LNT practices for Western Rivers

LNT practices for specific activities i.e. stock use, canoeing, rivers, rock climbing, biking, etc...

Please email Jerel or Mark with your first and second choice of topics.

Jerel Cowan- JCowan2@uco.edu

Mark- mark_mullert@baylor.edu

INDIVIDUAL EQUIPMENT LIST

Here is a link to the list of the required, recommended, and optional equipment for this course:

[Big Bend Equipment List.](#)

If you have any questions about the viability of your equipment, please feel free to contact Jerel Cowan or Mark Mullert. We may be able to direct you to the right equipment or have some for loan or rent.

EQUIPMENT RENTAL

Baylor University Outdoor Adventure has some items for rent if you do not have them. We have the following:

- 0 Degree Mountain Hardwear or Marmot Sleeping Bags with Stuff Sacks \$10
- Marmot Precip Rain Jacket \$7
- Marmot Precip Rain Pants \$7
- Ridge-Rest or Z-Rest Sleeping Pad \$3
- NRS Splash Jackets \$7

GROUP GEAR & EQUIPMENT

Group equipment provided by Baylor University Outdoor Adventure. Group equipment is included as part of the course tuition. However, if there is gross negligence and equipment is damaged or lost, students will be charged for those items.

Tents & Shelters	Maps, Compass & GPS	First Aid Kits
MSR Stoves	Fry-Bake Ovens	Books
Fuel & Fuel Bottles	Cooking Kits	Water Treatment
Water Storage	Repair Kits	Smaller Dry Bags
Canoes, Paddles, & Helmets	Fire Pan	Cooler

If you own your own canoe and would like to bring it, you are welcome to. However, please contact us to make sure it is suitable for this adventure. Our canoes are 16' or 17' Moving Water canoes with plenty of storage space for our adventure.

LNT MASTER EDUCATOR COURSE APPLICATION

Name: _____

Mailing Address: _____

City: _____

State/Zip: _____

Use this mailing address until: _____

Permanent address (if different from above):

Telephone (days): _____

Evenings: _____

E-mail address: _____

Please describe any contact you have had with the Leave No Trace program or the Center for Outdoor Ethics: _____

Why are you interested in taking this course? _____

What are you hoping to learn from the course/What are your course expectations?

What is your first and second choice for teaching topics? (please see the teaching topic information found in this packet) 1) _____

2) _____

Method of Payment (please check one): Credit Card (in person only) _____ Bear Bucks(in person) _____

Money Order or Cashier's Check _____ Personal Check _____

To complete the application process:

You must submit

- Course Application Form
- Health and Consent to Treat Form
- Liability Release Form
- Payment Deposit of \$200

LIABILITY RELEASE AND INDEMNITY AGREEMENT
FOR BAYLOR UNIVERSITY
OUTDOOR ADVENTURE PROGRAM

I, the undersigned, an adult person, desire to voluntarily participate in the Baylor University Outdoor Adventure Program (September 2011 through August 2012), which, by its very nature, exposes me to risks of serious injury, harm or death to which I would not otherwise be exposed. As a participant in this program at my request I may engage in strenuous, physically and mentally challenging activities in difficult circumstances, under varied conditions, anticipated or unanticipated. I understand that no guarantee may be given for my safety, either as a participant in program events or in traveling to or from such events. The risks to which I may be exposed by participation in this program are too numerous to list, but as an example the program may involve backpacking in rugged, wild and/or mountainous territory, whitewater rafting, camping in unprotected areas, canoeing, caving, hiking, kayaking, and other such venturesome but potentially dangerous activities. I further understand that I will be one of a group who may or may not have had previous related experience. This release and indemnity agreement is intended to cover all such risks connected with participation in the program, whether anticipated or not.

I hereby represent that I am knowledgeable of the activities offered, and understand that I would not be allowed to participate in any aspect of this voluntary program except for my request to Baylor University for permission to do so, and upon my first signing and returning this Liability Release and Indemnity Agreement in favor of Baylor University. I further understand that I will not be permitted to participate in any part of this program unless I also complete and return to Baylor University all documents, medical records, forms, records of birth, licenses, permits or other materials required by Baylor. I also further agree to promptly and timely pay any charges incurred in connection with my participation in the program, and understand and agree that unless such charges and fees are paid when due I waive my opportunity to be involved in the program or any related activities.

IN CONSIDERATION OF BAYLOR UNIVERSITY ALLOWING ME TO REQUEST THE OPPORTUNITY TO PARTICIPATE AND TO ACTUALLY PARTICIPATE IN THIS VOLUNTARY PROGRAM, I HEREBY RELEASE, RELIEVE, DISCHARGE AND HOLD HARMLESS BAYLOR UNIVERSITY, ITS OFFICERS, REGENTS, ADMINISTRATION, STAFF, FACULTY, EMPLOYEES, REPRESENTATIVES, AND VOLUNTEER OR PAID LEADERS FROM ANY AND ALL LIABILITY OR CLAIM OF LIABILITY, WHETHER FOR PERSONAL INJURY, PROPERTY DAMAGE, OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH MY PARTICIPATION IN THIS ACTIVITY AND ANY TRAVEL ASSOCIATED WITH THIS ACTIVITY, REGARDLESS OF WHETHER SUCH CAUSES OF ACTION ARE BASED IN CONTRACT, TORT, OR ANY OTHER LEGAL THEORY, STATUTORY OR AT COMMON LAW.

FOR SUCH CONSIDERATION EXPRESSED ABOVE, THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, I HEREBY INDEMNIFY AND WILL HOLD HARMLESS BAYLOR UNIVERSITY, ITS OFFICERS, REGENTS, ADMINISTRATION, STAFF, FACULTY, EMPLOYEES, REPRESENTATIVES, AND VOLUNTEER OR PAID LEADERS FROM AND AGAINST ANY AND ALL LOSS, LIABILITY OR EXPENSE, INCLUDING ATTORNEY'S FEES, ARISING OR RESULTING FROM THE SAID ACTIVITY, WHETHER OR NOT SUCH LOSS, LIABILITY OR EXPENSE RESULTS FROM BAYLOR'S NEGLIGENCE.

My signature below reflects my understanding of and agreement to all of the above.

(PARTICIPANT MUST BE AT LEAST 18 YEARS OF AGE TO SIGN THIS AGREEMENT.)

PRINTED NAME: _____

Participant signature: _____ Date: _____

Date of Birth: _____

Address: _____

Telephone: _____

Fax: _____

Outdoor Adventure Program Event: _____

Date of Event: _____

HEALTH AND MEDICAL HISTORY AND RELEASE

Outdoor Adventure Program

MINOR AND ADULT PARTICIPANT

PLEASE PRINT IN INK

NAME: _____
(LAST) (FIRST) (MIDDLE)

CAMPUS ADDRESS: _____ TEL NO: () _____

HOME ADDRESS _____ CITY _____ STATE _____ ZIP _____

TEL NOS. _____ SOCIAL SEC. NO. _____
(AREA CODE) (NUMBER) (CELL PHONE)

HEIGHT _____ WEIGHT _____ SEX _____ AGE _____ DISABILITIES _____

HEALTH/ACCIDENT INSURANCE CARRIER: _____ TEL: () _____
POLICY NO: _____ GROUP NO: _____ EXPIRATION DATE: _____

PERSONAL PHYSICIAN: _____ TEL NO: () _____

PHYSICIAN'S ADDRESS _____ CITY _____ STATE _____ ZIP _____

IN AN EMERGENCY PLEASE NOTIFY (two contact names are required):

1. PARENT/LEGAL GUARDIAN _____

ADDRESS _____
(STREET) (CITY) (STATE) (ZIP CODE)

HOME/CELL NOS: _____ WORK NO: _____
(AREA CODE) (NUMBER) (CELL PHONE) (AREA CODE) (NUMBER)

2. NAME _____ RELATIONSHIP: _____

ADDRESS _____
(STREET) (CITY) (STATE) (ZIP CODE)

HOME/CELL NOS: _____ WORK NO: _____
(AREA CODE) (NUMBER) (CELL PHONE) (AREA CODE) (NUMBER)

LIST EQUIPMENT NEEDED SUCH AS WHEELCHAIR, BRACES, GLASSES, CONTACT LENS, ETC. (If needed, please continue on BACK.

Please list any chronic or acute medical problems (continue on back if needed): _____

Please explain any other information the Office of Campus Recreation should be aware of while you are on this adventure program trip and **SPECIFY ANY PHYSICAL DISABILITIES OR BEHAVIOR CONDITIONS which may affect or limit your full participation in this program:** _____

List All Present Medications: _____

ALLERGIES: Food, pollen, insects, plants, other No Yes If Yes, Please explain reactions.

MEDICATION ALLERGIES: _____

ARE ALLERGIC TO IODINE? Yes No

GENERAL INFORMATION: Please check and explain any past or present conditions if applicable on the back::

- | | | |
|--|---|--|
| <input type="checkbox"/> Attention Deficit
Hyperactivity Disorder | <input type="checkbox"/> Convulsions/Seizures | <input type="checkbox"/> Hemophilia |
| <input type="checkbox"/> Asthma | <input type="checkbox"/> Diabetes | <input type="checkbox"/> High Blood Pressure |
| <input type="checkbox"/> Cancer/Leukemia | <input type="checkbox"/> Heart Condition | <input type="checkbox"/> Kidney Disease |
| <input type="checkbox"/> Episodes of Fainting or Dizziness | <input type="checkbox"/> Other Medical Problems | <input type="checkbox"/> Behavior Condition |

MUST BE CURRENT ON IMMUNIZATIONS & PROVIDE COPIES OF IMMUNIZATION RECORDS.

Have you had a tetanus shot in the last 10 years ? Yes No

_____ Tetanus Toxoid

International Trips only:

_____ Measles _____ Diptheria _____ Mumps _____ Pertussis

_____ Rubella

I, or MY CHILD plans to attend an Outdoor Adventure Program, hereinafter referred to as "PROGRAM." I fully realize that injury, illness or death could result from or during my participation in the PROGRAM. In case of accident or illness, I give my permission to receive medical treatment as deemed appropriate. I will assume responsibility for any medical bills.

PARTICIPANT'S SIGNATURE _____ **DATE** _____

IF YOU ARE UNDER AGE 18, PARENT OR LEGAL GUARDIAN SIGNATURE IS REQUIRED:

PARENT/LEGAL GUARDIAN'S SIGNATURE _____