NR-Backpack Fly Fishing (PRTL 1133)
Spring 2018
2 Credit Hours
Special Fee $50.00

Class Meeting: Wednesday, February 21st – 6:00pm to 8:30pm (Sandy Campus)
Field Session: Friday, March 16th – Sunday, March 18th 2018 (Green River below Flaming Gorge)

Note: This class does not carry a letter grade; successful completion yields 2 university credits

Instructor: Joshua Leard - joshuamleard@gmail.com - (916) 759-5709
Office Hours: By Appointment Only

PREREQUISITES:
● Students should possess an adequate level of fitness to participate in this class. For the purposes of this class “adequate” is described as the ability to hike on uneven, rocky terrain for up to two miles.
Willingness to camp and cook outdoors in variable weather conditions No previous fishing or camping experience is necessary

COURSE DESCRIPTION: Through class and field sessions students will examine resource management issues, and learn specific skills related to camping and fly fishing. Overnight camping.

STUDENT LEARNING OUTCOMES: At the conclusion of this course, each student will be able to:
● Define the 7 Leave No Trace principles and philosophy as they relate to camping and fishing.
● Demonstrate basic terminology and practical knowledge of fly fishing and backpacking/camping skills in the outdoor setting through discussions and demonstrating skills throughout field trip.
● Employ basic hiking skills relevant to back-country travel
● Demonstrate and practice proper risk management skills as they relate to this outdoor class
● Demonstrate an increased understanding of issues related to supervision of U.S. Forest Service and Bureau of Land Management such as those used in this class as they relate to recreation and other uses.

Learning Methods: Field Study, Experiential, Discussions.

Reading and Resources:
● Leaving, Leave No Trace Behind (Article) http://www.nps.gov/features/wilderness/leavenotrace/popup.html
● Leave No Trace (Video) http://www.rei.com/learn/expert-advice/loading-backpack.html
● Back Packing Stoves (video) https://www.youtube.com/watch?v=eh-3tlkids4
● Water Purification options (video) https://www.youtube.com/watch?v=vugBLbyhKUo

SCHEDULE:
Wednesday, 21 6:00-8:30 Classroom Session: Course overview; complete University forms; Leave-No-Trace, educational videos. Introductions of students and teachers, skills discussion, and equipment instruction. Site discussion. Small group planning: meals, gear, other matters.

Friday, Mar 16 Field Trip Session: (3:30PM) We will meet at Little Hole Day Use Area. Plan on a 4.5 hour drive. Check in by 3:30PM with required paperwork. Backpack into camp, LNT, weekend overview, camp set up, and evening discussions.

Saturday, Mar 17 Field Trip Session: (9:00 AM) Backpacking, fly-fishing basics, fishing clinics (knot tying, casting, reading water…. Lunch 12:00pm to 1:00 pm. Afternoon fishing clinics, free fish and evening presentations.

Sunday, Mar 18 Field Trip Session: Morning fishing 8:00 AM. Prepare and eat breakfast, last fishing and camping session. Lunch, test, and pack up. Dismiss from field site at 12:00 PM (can be earlier if needed due to weather) Course is over when field trip is officially dismissed by the instructor.
REQUIREMENTS for CREDIT: Grading is on a credit/no credit basis. All 3 course components (listed below) must be completed in a satisfactory manner. 2 credit hours count toward graduation, but do not yield a letter grade. Per University policy, all students must attend 80% of class period and 100% of the field trip. Alternatively, the course may be taken as non-credit.

1/3 CLASS PARTICIPATION This includes active involvement in all activities, a willingness to work with other students, a demonstrated desire to learn about backpacking, fishing, and to develop an outdoor ethic.

1/3 PAPER & PRESENTATION Write a paper (4 - 7 pages of content, word-processed or typed, double spaced) on ONE of the following outdoor recreation-related topics: You may select a different topic, if you first obtain permission from your instructor. At least two appropriate references must be used. This paper must be of a quality appropriate to college-level work. Printing on both sides of paper is encouraged, but not required. Present to the class through lecture, demonstration, or other techniques.

1/3 EXAM Approximately 50 questions covering specific material covered on the course. Alternative test systems are possible.

Probable Involvement: This is a highly focused course, requiring full attention during the class meeting, and concentrated activities during the field trip. 24 hours of course time, plus 6 - 10+ hours of self-directed outside activities (including road travel) will be necessary for success in the class. Moderate physical activity is required. In addition to the special fee, students may incur other costs, which may include Utah fishing license, groceries, transportation, and/or rental or purchase of clothing or equipment.

Readings & Video: To be announced. Please make sure you have listed a valid email address.

EQUIPMENT INFORMATION
Your instructors will have a group first aid kit, some group emergency supplies, and their personal equipment. Extra water will be available in the University vehicle. Students are responsible to bring the gear described below.

A) REQUIRED EQUIPMENT: Due to safety or course-related considerations, you must bring on the field trip ALL the equipment, in functional condition, that is LISTED IN THIS FIRST SECTION (A). Credit may not be given to students who fail to bring any of these Section A items.

- Utah fishing license
- 1 pair sturdy boots or hiking shoes
- 2 pair high-quality socks
- Warm hat
- Upper and lower non cotton layers
- Body insulation (such as a sweater), windbreaker jacket, warm jacket or heavy fleece, sturdy pants, warm long-sleeved shirt. Avoid cotton fabric.
  - Waterproof outer layer, such as a rain poncho
  - Sleeping Bag (warm) and sleeping pad
- Tent (OR a confirmed plan to share)
- Cooking gear including a stove with fuel (OR a confirmed plan to share)
- Eating utensils: cup, bowl or plate, spoon, knife
- Drinking water: minimum of 3 quarts plus adequate filtration / purifying equipment,
- Personal food for: Friday dinner, Saturday breakfast, lunch, and dinner, Sunday breakfast and lunch.
- Polarized sunglasses (takes glare out of river)
- Paper and pencil
- Matches or lighter,
- 1 trash bag
- Personal medications and medical supplies, if needed.
- Wading boots or shoes to get wet
B) SUGGESTED EQUIPMENT (Some items on List B may be important for your comfort, but are not required for credit):

- camp shoes (light) large-brimmed sun hat or cap
- headlamp insect repellent
- sunscreen 20’ to 35’ nylon line
- personal hygiene kit, wet wipes/personal 1st aid kit
- extra sleeping/lounging pad “crazy creek”-type roll able chair
- ground cloth for under tent
- gloves additional warm clothing
- clothing for warm, dry weather (cotton) hand warmer packs

ADDITIONAL EQUIPMENT NOTES:
If you do not own this equipment, BORROW or RENT it. Another option is to BUY new gear. Your instructors are available for advice. Two RENTAL sources: 1) The Outdoor Recreation Program, bldg. 420, U. Utah. Phone: 581-8516. Reserve by paying the rental fee, as early as Monday of the week of use.

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2) R.E.I., 3300 S. 3300 E. Phone: 486-2100.

Whether you OWN, BORROW, RENT, or BUY, don't make the mistake of assuming the equipment is in use able condition. Check all items at home or at the rental agency to be sure they won't let you down when you need them most. You may hope for benign weather conditions, but be certain to PLAN for CHALLENGING conditions.

3) Western Rivers (801) 521-6424 1100 East 900 South: 5 weight Rod and Reel $25.00/day
4) Fish Tech (801) 272-8808 6153 S. Highland Drive: 5 weight Rod and Reel $20.00/day
5) Trout Bum 2 (Park City) (877) 878-2862 4343 N Hwy 224, Suite 101: 5 weight Rod and Reel $25.00/day

TIPS:
Begin collecting gear now. Listen carefully to your instructors regarding how to stay warm and safe. If you aren't certain you can meet ALL course requirements, including bringing the required equipment, you may drop the course. NO REFUNDS ARE ISSUED AFTER THE 2nd DAY FOLLOWING THE 1st CLASS SESSION FOR A NATURAL RESOURCES LEARNING CLASS. If you choose to drop, contact Registrar's Office at (801)581-8969

Questions? Ask your instructors - we’re here to help.

Potential Topics for Presentations

Leave No Trace/ minimum impact camping and travel practices Local Flora/ Fauna
Camping with Bears
History of Fly-fishing
Regional Fly fishing destinations
Outdoor Cooking demonstration
Land Management Agencies- USFS, BLM, NPS
Hypothermia / Hypothermia- causes, avoidance & treatments
Invasive Species: native and non-native fish
History of Flaming George Reservoir
History of Fishing on the Green River
Water purification
Local Utah Geology
Utah environmental business and policy

BACKPACKING FOOD POSSIBILITIES

Consider Four Main Factors: high nutritional value, low weight, ease of preparation, good taste. Use plastic bags to repackage foods (save preparation instructions from original packages). Care of the environment is second in importance only to personal safety, so: Don't use fires - stoves are more efficient; Burn packaging or waste food - pack it all out; Greasy cans can be scorched clean over your stove before crushing and packing them out. Take a seal able container to pack out grease and inedible leftovers; Minimize dish washing and food waste to minimize disposal problems.
OTHER COURSE RELATED INFORMATION

Policies: Firearm, fireworks, alcohol, controlled substances, pets, and non-enrolled people are not allowed, nor are unsafe or environmentally damaging behaviors. Students must attend both class meetings, and begin and end the field sessions with the class. Violation of any of these policies requires the instructors to dismiss a student from the course without credit or refund. Students are discouraged from using electronic entertainment devices; these may not be used while in the field or during class activities. If used at other times, such items must not impair the experience of other students.

Hazardous Activities: Students have responsibility for their own welfare and safety on this course. Each student must sign the University of Utah Participant Agreement, Release, and Acknowledgement of Risk.

Safety/Injury/First-Aid Information: All activity classes pose a certain risk to the participant. Both traumatic event injuries and long-term stress injuries are possible. Possible injuries include but are not limited to the following: terrain, equipment, weather, animals, vegetation, fellow students and yourself. If any student has a pre-existing injury, illness or conditions that would be contrary to the strenuous activities described, it is the students’ responsibility to withdraw from the class. All students must conduct themselves in a reasonable and prudent manner at all times. Be aware and avoid hazardous situations. No student is required to do anything that the student feels is unsafe or above their ability level this is a “challenge by choice” experience. Inform the instructor(s) if this situation develops. In case of any accident, please inform the instructor(s) immediately. Students are recommended to carry their own personal first aid kits. Please do not leave the group on your own always check-in with the instructor(s) if you need personal time away from the group.

Make Up: In the instance that you are unable to attend the entire field session you must contact Nate Bricker in the PRT office, Annex Building C, Room 1085, (801) 585-5560 to discuss options. This is an experiential learning class that requires a commitment to the entire team and outcome. Participation MUST include ALL three days. NO ONE MAY LEAVE EARLY OR ON THEIR OWN!!!!

Alcohol, Drugs, Pets, & Firearms: Non-enrolled persons, and electronic devices are not allowed: Leaving the group without permission, destructive/damaging/unsafe behaviors are not allowed at any time during this course. All of the above are grounds for dismissal and a failing grade. Transportation is up to the students. Participants and drivers must sign a waiver. If you smoke, please be considerate of others and smoke away from the group. All cigarette butts and waste associated with smoking must be carried out. No illegal drugs are permitted during this course. Excluding service animals, pets and other animals are not permitted - see the instructor for more information. Service animals in certain exclusion areas (like the Cottonwood Canyons) may require special permits. If a permit is required it is up to the student to apply and present the required permits before the class departs for the field. Except as expressly permitted by law, firearms are not allowed on fieldtrips. Participants will need to demonstrate that they have a lawful permit for the firearm.

The Code of Students Rights and Responsibilities: The code, which specifies student rights as well as conduct involving cheating, plagiarism, collusion, fraud, theft, etc., is provided at http://regulations.utah.edu/academics/6-400.php.

Wellness Statement: Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student’s ability to succeed and thrive at the University of Utah. For helpful resources contact the Center for Student Wellness, http://wellness.utah.edu/: 801-581-7776.

Withdrawal Policy: Students may drop without penalty within two days following the first class meeting. Drops are not possible after that date.

The Americans With Disabilities Act: The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability Services and Access (CDA: http://disability.utah.edu/; 162 Olpin Union Building; (801)-581-5020). CDA will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in an alternative format with prior notification to the CDA.

Addressing Sexual Misconduct: Title IX (9) legislation makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age status as a person with a disability, veteran’s status or genetic information. If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX (9) Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, (801) 581.8365, or the Office of the Dean of Students, 270 Union Building, (801) 581.7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, (801) 581.7776. To report to the police, contact the Department of Public Safety, (801) 585.2677 (COPS). http://www.employment.utah.edu/staff/oeo_aa.php

Statement of Equal Access: The University of Utah and the Department of Parks, Recreation, and Tourism seeks to provide equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services.
Veterans Center: If you are a student veteran, I want you to know that the U of Utah has a Veterans Support Center on campus. They are located in Room 161 in the Olpin Union Building. Hours: M-F 8-5pm. Please visit their website for more information about what support they offer, a list of ongoing events and links to outside resources: http://veteranscenter.utah.edu/. Please also let me know if you need any additional support in this class for any reason.

LGBT Resource Center: If you are a member of the LGBTQ community, I want you to know that my classroom is a safe zone. Additionally, please know that the U of Utah has an LGBT Resource Center on campus. They are located in Room 409 in the Olpin Union Building; their hours are M-F 8-5 pm. You can visit their website to find more information about the support they can offer, a list of events through the center and links to additional resources: http://lgbt.utah.edu/. Please also let me know if there is any additional support you need in this class.

Learners of English as an Additional/Second Language: If you are an English language learner, please be aware of several resources on campus that will support you with your language development and writing. These resources include: the Writing Center (http://writingcenter.utah.edu/); the Writing Program (http://writing-program.utah.edu/); the English Language Institute (http://continue.utah.edu/eli/). Please let me know if there is any additional support you would like to discuss for this class.

Essential Paperwork: Each student must sign a University of Utah Participant Agreement, Release, and Acknowledgement of Risk form. Read it carefully before signing, as it lists many of the risks present on this course. Forms must be handed in before the field session begins!

Potential For Syllabus Error: Although efforts have been made to ensure syllabus accuracy, errors may be present. In addition, certain events may require changes to the syllabus. Students will be notified of such changes via email.
Little Hole Day Use Area

Directions: Take US 191 from Vernal, Utah, 47 miles north. Just north of Dutch John, turn off US 191 onto Forest Road 075. Travel east approximately 3 miles.