

OUT 136: LEAVE NO TRACE TRAINER CERT.

Spring 2019 Syllabus

CONTACT INFORMATION

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Office: SRC Room 4108

Office Hours: By appointment

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REQUIRED TEXTBOOK/COURSE MATERIALS

Required: *Leave No Trace in the Outdoors* by Jeffrey Marion, PhD available in the RRCC Bookstore ISBN: 9780811713634

Recommended: *Leave No Trace Trainer Packet*, available in RRCC Bookstore ISBN 2818440029684

Recommended: *101 Ways to Teach Leave No Trace* available in RRCC Bookstore ISBN 2818440029691

Use [the Leave No Trace website](#) as a resource for all teaching and lesson materials

COURSE DESCRIPTION:

Introduces the student to the principles of Leave No Trace and prepares students to teach Leave No Trace curriculum in a variety of outdoor and urban settings. This class is a must for guides, outfitters, outdoor educators, agency employees, scout/youth group leaders, or anyone who cares about minimizing impact on the Colorado backcountry.

Credit hours: 2

COURSE PREREQUISITE/CO-REQUISITES

None

COURSE LEARNING OUTCOMES

1. Identify the role, function and history of Leave No Trace, Inc.
2. Review the principles and ethics of Leave No Trace.
3. Describe various teaching styles for students and instructors.
4. Design a student-led teaching exercise with an LNT principle.

TOPICAL OUTLINE

- I. Introduction
- II. LNT Principles
- III. LNT Principles
- IV. Teaching

- V. Wildland ethics
- VI. Authority of the resource
- VII. Field work
- VIII. Reflection
- IX. Liability forms

COURSE REQUIREMENTS / EXPECTATIONS

CLASS STRUCTURE:

The class will utilize online material via D2L, reading assignments with follow-up quizzes, class discussions, fieldwork, projects, demonstrations, and videos where appropriate for the presentation of course material.

1. Classes will be available on D2L each Thursday starting at 12:01AM
 - a. Dates: March 14, 2018 – May 14, 2019
2. We will spend 3 days in the field from May 3 - 5:
 - a. These day trips will be mandatory
 - b. We will meet at RRCC Lakewood at the Student Recreation Center on May 3 at 8AM and will carpool to our first destination.

THE LEARNING PROCESS

Each module will have an assigned reading as well as practical and/or written assignments that will need to be completed on your own or within small groups outside of class. Written assignments should be submitted by the due date using the Dropbox on D2L.

Although each module differs slightly from the others, you can generally expect to complete three types of work each unit:

1. Assigned reading(s) with follow-up quiz
2. Participation - Online class discussions and scenarios, communication with other students, and full participation during field days.
3. Formal Assignments - assignments/projects of a more traditional sort

See the Course Schedule below for details. It is important that you complete the reading assignments prior to each 'class' in order to actively engage in discussion/content.

This is an Outdoor Studies course, not English Comp, however it is expected that you will submit written assignments of a collegiate level. When quoting or otherwise referring to the work of others, please use proper documentation techniques. If you would like help with your writing, please visit the writing center or meet with your instructor.

GRADING

LEARNING OPPORTUNITIES:

1. **Fieldwork:**

- i. There will be three field days that are required for your successful completion of this course. May 3-5 will be day trips to county, and state parks where we will put the theory of Leave No Trace into practice. This will also be the venue for your Leave No Trace Principle Teaching Component.
- ii. We will meet at 8AM at the Student Recreation Center at the RRCC Lakewood campus on Friday, May 3rd. On subsequent days we will meet at the parks at a designated time.
- iii. Students are responsible to have a RRCC Field Waiver and Medical Form signed and on file prior to field experiences.
- iv. Students are responsible for appropriate transportation to and from campus to the field locations.

2. **Discussion Board Posts (200 points):** For each weekly discussion topic, you must post one original response before you can see any other responses. Please then respond to at least two other responses in order to get full credit for that discussion topic. Submit all posts by the weekly deadline, or you will receive no points for the topic.

**Remember that these are the minimum requirements. The more involved in the discussions you are, the more you will get out of the course and the more we all will learn from each other.

3. **Weekly Quizzes (200 points):** Each week, you will need to complete a short quiz at the end of the lesson. These quizzes are designed to test your understanding of the posted lesson and the corresponding reading material. Please be sure that you have read and understood the entire content for each week before you begin the quiz.
4. **Research Nugget (50 points):** In order to gain insight into the spectrum of Leave No Trace issues, you will pick a special topic (from a list provided by the instructor) on which you will write a one-page research nugget. This nugget will cite at least 2 credible sources, contain a visual, and provide a link to additional information. You will post these nuggets to the discussion board, and you will also be responsible for reading and commenting on at least 4 other student research nuggets.
5. **Wilderness Connection Art Project (25 points):** Feeling connected and a part of nature is a critical component of developing wilderness ethics. Find some time to spend outside in a natural landscape. Spend at least 15 minutes in this spot without distractions besides what is naturally occurring around you. Take time to observe your surroundings with all of your senses. What are you experiencing, and what feelings or emotions arise? Once you have taken some time to observe and reflect, paint or draw a picture, make some nature art, write a poem or song, do some nature photography or some other art form that encapsulates your experience and connection to the natural world. Bring any necessary supplies with you to your nature spot so you can get creative while inspired. Please then post a photo of your art project with a brief description of your art, where you went, and what you experienced.

6. **LNT Lesson Plan (200 points):** In groups of 2 students will organize, plan and implement a lesson plan to teach one of the Principles of LNT to his/her fellow classmates. The lesson plan must include experiential activities, references, logical flow (introduction, body, conclusion), and specific topics pertinent to the principle the student is covering. The lesson plan should cover content and activities lasting approximately 40 minutes.
7. **LNT Principle Teaching Component (200 points):** Each student will use their LNT Principle Lesson Plan as a guide to teach a 40-minute lesson to other students in the class. Students will be graded on content, presentation, creativity, class involvement and timing.
8. **Peer Feedback (25 points each):** Each student will complete 2 feedback forms to give other students feedback on their presentations. The feedback that students give to the presenter will not have any influence on their grade, but will provide meaningful insight into strengths and areas of improvement. Each section of the feedback form must include a minimum of 2 *specific and meaningful* sentences as well as a score.
9. **Action Plans (100 points):** Students will complete a plan to help organize objectives to reach a goal that pertains to Leave No Trace. This will include defining a specific goal, targeting groups, creating objectives, identifying roadblocks, and creating a timeline.

ITEM	PERCENTAGE	DESCRIPTION
Discussion board posts	20%	200 points
Weekly Quizzes	20%	200 points
Research Nugget	5%	50 points
Wilderness connection art project	2.5%	25 points
Lesson plan	20%	200 points
Teaching component	20%	200 points
Peer feedback	2.5%	25 points
Action Plan	10%	100 points
Total	100%	1000 points

GRADING SCALE

A	B	C	D	F
A = 90-100%	B = 80-89%	C = 70-79%	D = 60-69%;	F = 59%-below

TENTATIVE COURSE SCHEDULE

MODULE 1

DATE AVAILABLE	READING	DISCUSSION	ASSIGNMENTS	DUE DATES
3/14/19	Marion p. vii – 6, 91-92, 97-100	1. Are we loving our public lands to death	Research Nugget rough draft, Trainer Course release form, LNT course roster info, discussion, quiz	3/21/19
3/21/19	Marion p. 81-84, 9-44	1) Scenario: Dispose of Waste Properly 2) Scenario: Travel and Camp on Durable Surfaces	Research Nugget Final, discussion, quiz	4/4/19
3/28/19	None	Spring Break	None	
4/4/19	Marion p.45-79	1) Scenario: Leave What You Find 2) Discussion: Be Considerate of Other Visitors	Wilderness Connection Art Project, discussion, quiz	4/11/19

MODULE 2

DATE AVAILABLE	READING	DISCUSSION	ASSIGNMENTS	DUE DATES
4/11/19		1) What makes an excellent teacher	Lesson Plan Rough Draft, Liability Release, Health Form, Discussion, quiz	4/18/19
4/18/19	1) Marion p. 81-84 2) "Wildland Ethics" 3) "Thinking Like a Mountain"	"Thinking Like a Mountain" by Aldo Leopold	Lesson Plan Final Draft, discussion, quiz	4/25/19

MODULE 3

DATE AVAILABLE	READING	DISCUSSION	ASSIGNMENTS	DUE DATES
4/25/19	"Authority of the Resource" by Dr. George N. Wallace	"Authority of the Resource" discussion	Comments on Research Nuggets	5/2/19
5/3 – 5/5/19		FIELD DAYS	Leave No Trace teaching component	5/3/19
5/2/19	Marion p.87	Learnings/course wrap-up	Action Plan, LNT trainer course evaluation, discussion posts, quiz	5/9/19

Notes: **Mandatory Field Days: May 3 – 5, 2019**

Important RRCC semester dates (e.g., drop/withdraw/term end) appear on the RRCC Academic Calendar.

The Schedule is subject to change as necessary

HOW TO PARTICIPATE AND SUCCEED IN THIS CLASS

The hybrid "classroom" can be somewhat confusing at first. The "Getting Started" page will help you understand how the hybrid class environment works, what to do first, and who to contact if you need help.

A hybrid course requires a great deal of self-discipline. While this course is not self-paced, you still have more flexibility in timing the completion of your assignments than you would in most on-campus courses. Be sure to pace yourself, allowing plenty of time for computer difficulties or emails lost in cyberspace! The schedule outlines due dates for all assignments—it is an important document!

Whether you are new to hybrid learning or a seasoned online student, you may have some questions or concerns about how the process works. Please follow the steps outlined below, and after completing these steps, email me with any questions you may have about this course. Sometimes a quick question now can save a lot of frustration later.

COURSE NEWS

Every time you enter this course, check **News** on the course homepage for important information and updates from me.

MINIMUM TECHNICAL SKILLS AND COMPUTER REQUIREMENTS

To complete this course, you will need regular access to a computer from which you can get to the Internet and use email. In order to ensure that your course functions properly, you **MUST** run the System Check. This is a

CRITICAL STEP, and taking time to do it now will eliminate a tremendous amount of frustration for you later. To run the System Check, click Tools in the course NavBar and then click System Check.

COURSE POLICIES

LATE WORK

This hybrid course experience will require your regular and dependable participation. Module assignments (including Discussion Board Posts) have strict due dates, and late work will not be accepted unless arrangements are made at least five days prior, or extenuating circumstances arise (e.g., family crisis, injury, or illness). Plan your schedule in advance, and be sure to regularly visit the Course Schedule in this Start Here! module so you are aware of all upcoming due dates. This course's homepage also has a Calendar feature so you can see upcoming due dates as soon as you log into the course.

NETIQUETTE

Within RRCC online and hybrid courses, instructors expect students to communicate using proper netiquette. This typically means adopting a more formal tone than is used when texting or emailing friends. If you use email in a professional work environment, using that same style in your online class communications is appropriate. Using text messaging "shorthand," slang, profanities, sarcasm, or any type of insulting language is not appropriate and may be considered disruptive communication.

RESPECTFUL COMMUNICATION

In accordance with the Student Handbook, upon enrolling in programs in RRCC, students assume responsibility for respectful communications with other students and with course instructors, including communications which do not disrupt the online learning environment.

EMAIL COMMUNICATION

Email will be used to communicate with the students in this course. All emails will be sent to your College-assigned email address (e.g. joe.smith@cccs.edu which may be accessed through Red Rocks Community College Portal. You may opt to have copies of the email messages sent to your campus address automatically forwarded to another email address (e.g. @hotmail.com, @yahoo.com), but you do so at your own risk. The college's SPAM identification software often tags emails from public accounts as JUNK and I never receive them. You must take responsibility for the consequences that may arise because of missed or delayed messages and e-mails being sent to my trash due to use of non-RRCC email services.

SMOKING, DRUGS AND ALCOHOL

There is no smoking during the field experience. Drugs or alcohol are not permitted at any time as per the RRCC Student Handbook. Any student who brings drugs or alcohol (including marijuana) to class or the field trip will receive an automatic failure of the course.

IMPORTANT DATES

STUDENTS: PLEASE VERIFY THE SPECIFIC DROP AND WITHDRAW DATES FOR THIS COURSE IN YOUR “[Detailed Student Schedule \(with Drop-Withdrawal Dates\)](https://erpdnsb.cccs.edu/PRODRRCC/wt_student_sched.P_DisplayStudentSched)” LINK IN THE ROCK, UNDER THE STUDENT TAB
(https://erpdnsb.cccs.edu/PRODRRCC/wt_student_sched.P_DisplayStudentSched)

DROP/CENSUS DATE (LAST DAY TO DROP WITH A REFUND)

This is the last day you can remove yourself from this class without having to pay for the class and without the class showing on your permanent student record. **If you are considering dropping the class, please talk to your instructor first.** If you are on financial aid, you should also consult a financial aid advisor before dropping a class. All students are encouraged to see an academic advisor about how dropping may affect their goals.

WITHDRAW DATE (LAST DAY TO WITHDRAW WITH A “W”)

This is the last day you can remove yourself from this class and receive a “W” for the class instead of a grade. You are responsible for payment. **If you are considering withdrawing from the class, please talk to your instructor first.** If you are on financial aid, you should consult a financial aid advisor before withdrawing from a class. All students are encouraged to see an academic advisor about how withdrawing may affect their goals.

ATTENDANCE POLICY

As a hybrid course, attendance is based on timely participation in online discussion boards, as well as prompt arrival and attendance at the mandatory field days (May 3-5).

MAKE-UP / LATE WORK POLICIES / EXTRA CREDIT

Late work will not be accepted unless arrangements are made at least five days prior, or extenuating circumstances arise (e.g., family crisis, injury, or illness). Extra credit may be issued at the discretion of the instructor.

ACADEMIC INTEGRITY STATEMENT / ACADEMIC DISHONESTY

Everyone associated with the college’s academic community has a responsibility for establishing, maintaining, and fostering understanding and respect for academic integrity. The following principles are associated with academic integrity:

- Cite (give credit for) words and/or ideas in an academic exercise that are not expressly your own.
- Use information, computer programs, another person’s work, study aids and/or other materials only when allowed by the instructor.
- Remove materials from the library, labs, and other college facilities only when an official representative of the college grants permission.
- Use copyrighted materials only with permission.
- Refuse to help another commit an act of academic dishonesty.
- Use only the resources specifically allowed when completing a test or other assignment.

Academic dishonesty is the intentional act of fraud when an individual claims credit for the work of another, uses unauthorized materials, or fabricates information in any scholarly exercise. Academic dishonesty also includes, but is not limited to:

- Forging educational documents
- Damaging or destroying the works of another; or
- Assisting others in acts of academic deception.

If you are aware of an incident of academic dishonesty, please report the occurrence to a faculty member, department chair, or administrator. Those committing academic dishonesty will be subject to disciplinary action, such as failing the assignment or course and/or expulsion from the course or college.

RRCC SYLLABUS INSERT

All students are required to be familiar with the information contained in the RRCC Syllabus Insert document. In addition to your instructor reviewing the required content in class, the RRCC SYLLABUS INSERT can be found as an announcement on all D2L landing pages (where you have access to all of your courses) and in the “Student Resources” pull-down menu.

ACADEMIC MISCONDUCT

Academic misconduct consists of plagiarizing, cheating, or committing any other form of academic misconduct including, but not limited to, unauthorized collaboration, falsification of information, and/or helping someone else violate reasonable standards for academic behavior. Students who engage in any type of academic dishonesty are subject to both academic consequences (as determined by the instructor) and to disciplinary action, according to the current Student Handbook (<http://www.rccc.edu/student-life/handbook>). All academic integrity incidents shall be sent to the Vice President of Student Success, Dr. Lisa Fowler.

ACCESSIBILITY SERVICES

Red Rocks Community College is committed to access for students with disabilities. If you are a student with a disability and need assistance or are interested in requesting accommodations, call Accessibility Services at 303-914-6733, 720-336-3893 (VP) or email Accessibility Services (access@rrcc.edu). More information is available at the Accessibility Services website (www.rccc.edu/accessibility-services/). Note: Faculty are not obligated to provide accommodations without proper notification by Accessibility Services and accommodations are not retroactive.

CODE OF CONDUCT AND STUDENT DISCIPLINE PROCESS

Students are expected to adhere to the Student Code of Conduct. All allegations of violations shall be referred to the Chief Student Services Officer. For more information regarding the college’s discipline process, contact Dr. Lisa Fowler (303-914-6608) and see the current RRCC Student Handbook (<http://www.rccc.edu/student-life/handbook>).

EMERGENCY NOTIFICATIONS

RRCC uses various communication formats to relay information about emergency situations on or affecting its campuses. Connect-Ed is the notification system the College uses to send emergency messages to its entire community. Emergency notifications are sent via e-mail, text (SMS), and voicemail to mobile or home phones.

All students, staff, and faculty are automatically enrolled to receive emergency notifications via their school email, home phone, and work phone as available through the Banner system. To receive mobile phone and text messages (SMS), users must opt-in to this service. You can opt-in and update your phone numbers by visiting the “Your Alert System” page of Self-Service Banner (https://erpdnssb.cccs.edu/PRODRRCC/wt_emerg_ph.p_contact_info?refer=). A link to this page is also available on the dashboard of “The Rock” after you login; scroll down to the “Campus Safety” section.

MANDATORY REPORTING

Our College is committed to preserving a safe and welcoming educational environment for all students. As part of this effort, I have an obligation to report certain issues relating to the health and safety of campus community members. I must report to the appropriate College officials any allegation of discrimination or harassment. Sexual misconduct (which includes sexual harassment, non-consensual sexual contact, non-consensual sexual intercourse, and sexual exploitation) is considered a form of discrimination.

In addition to reporting all discrimination and harassment claims, I must report all allegations of dating violence or domestic violence, child abuse or neglect, and/or credible threats of harm to yourself or others. Such reports may trigger contact from a College official who will want to talk with you about the incident that you have shared. In almost all cases, it will be your decision whether you wish to speak with that individual. If you would like more information, you may reach the Title IX/EO Coordinator, Executive Director of Human Resources at 303-914-6298. Further information may be found on the college Human Resources website (<http://www.rrcc.edu/human-resources/sexual-misconduct>).

NON-CIVIL RIGHTS GRIEVANCE PROCESS

The student grievance process is intended to allow students an opportunity to present an issue which they feel warrants action. A grievable offense is any alleged action which violates or inequitably applies State Board for Community Colleges and Occupational Board Policies, Colorado Community College System President’s Procedures, or college procedures. Additionally, the student must be personally affected by such violation or inequitable action. For more information regarding the student grievance process, contact Dr. Steven Zeeh, Director of Campus Life (303-914-6372) and see the current RRCC Student Handbook (<http://www.rrcc.edu/student-life/handbook>).

NON-DISCRIMINATION

Red Rocks Community College prohibits all forms of discrimination and harassment including those that violate federal and state law, or the State Board for Community Colleges and Occupational Education Board Policies 3-120 and 4-120. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or educational programs and activities. RRCC will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

The College has designated the Executive Director of Human Resources as its Title IX Coordinator with the responsibility to coordinate its civil rights compliance activities and grievance procedures. If you have any

questions, please contact Red Rocks Community College, Office of Human Resources, 13300 W 6th Avenue, Lakewood, CO 80228, 303-914-6298.

You may also contact the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Boulevard, Suite 310, Denver, CO 80204, telephone (303) 844-3417.

REPORT A CONCERN

RRCC cares about the safety, health, and well-being of its students, faculty, staff, and community. You should refer individuals for whom you have a concern, who are exhibiting behaviors that pose a threat to safety, or those that cause a significant disruption to the RRCC community by completing the electronic form to report a concern (<https://cm.maxient.com/reportingform.php?RedRocksCC>). Please see the Behavioral Intervention Team website for more information (<http://www.rrcc.edu/behavioral-intervention-team>). **NOTE: In cases where a person's behavior poses an imminent threat to you or another, contact 911 or RRCC Campus Police at 303-914-6394.**

USE OF RECORDING DEVICES

Recording lectures or classroom discussions is prohibited unless:

- Written permission from the instructor has been obtained and all students and guest speakers have been informed that audio and/or video recording may occur.

OR

- A student is entitled to make audio and/or video recordings as an educational accommodation determined through Accessibility Services.

A student granted permission to record may only use the recording for their own learning and may not publish or post the recording on any medium or venue without the instructor's explicit written authorization. For more information, please see SP 19-50 (<https://www.cccs.edu/sp-19-50-use-of-recording-devices/>). If you require an educational accommodation, contact Accessibility Services (access@rrcc.edu; 303-914-6733).

WHAT TO DO IN AN EMERGENCY – STANDARD RESPONSE PROTOCOLS

RRCC follows the standard response protocols visible in each in classroom and around both campuses. The RRCC Emergency Management Plan and additional useful information are available via the RRCC Police Department homepage. **To report an emergency, contact 911.**

ACADEMIC CALENDAR

The current RRCC Academic Calendar is your most accurate source of academic events and deadlines <http://www.rrcc.edu/academic-calendar>.

ACTIVATE AND USE YOUR STUDENT EMAIL ACCOUNT

RRCC communicates with students via email only through their college-issued student email address. For access information and instructions for setting up your account, please see the student email website (<http://www.rrcc.edu/admissions/student-email>).

CAMPUS CLOSURE INFORMATION

Did you know RRCC is exempt from the State Inclement Weather Policy and may remain open while other state government offices close? When either of the RRCC campuses are required to close due to bad weather or emergency conditions, you can learn about it via local news media, the RRCC website, or by calling the campus closure line at 303-914-6600.

CAMPUS MAPS

Campus maps for both the Lakewood campus and the Arvada campus are available to help locate your classrooms and other campus services (<http://www.rrcc.edu/campus-maps/lakewood-interior> and <http://www.rrcc.edu/campus-maps/arvada>).

LOST AND FOUND

Lost and found is located with the Campus Police department at the Lakewood campus (303-914-6394) and with the Welcome Desk at the Arvada Campus (303-914-6010).

RRCC CATALOG

For additional college policies please see the current RRCC Catalog (<https://www.rrcc.edu/schedule-catalog>).

STUDENT HANDBOOK

The current RRCC Student Handbook is your most current source of dates, resources, contacts, and policies including the grade dispute process and academic appeals (<http://www.rrcc.edu/student-life/handbook>).