

Outdoor Leadership Theory Courses 2017/2018

EDOE 301. Outdoor Ministries (SERV-2)	3 hours
EDOE 348. Environmental Education (SERV-2)	3 hours
OUTL 136. Survey of Outdoor Leadership	3 hours
OUTL 218. Fundamentals of Outdoor Leadership	3 hours
OUTL 221. Challenge Course Facilitator	3 hours
OUTL 227. Primitive Skills	2 hours
OUTL 229. Wilderness Survival	2 hours
OUTL 234. Emergency Medical Responder I	3 hours
OUTL 235. Emergency Medical Responder II	3 hours
OUTL 265. Outdoor Leadership Topics	0 – 3 hours
OUTL 295. Directed Study	1 – 3 hours
OUTL 318. Wilderness First Responder	3 hours
OUTL 320. Advanced Rock Climbing	2 hours
OUTL 325. Confined Space Rescue	2 hours
OUTL 330. Wilderness Emergency Medical Technician	3 hours
OUTL 331. Equine Behavior and Training Management	1 hour
OUTL 335. Challenge Course Management	3 hours
OUTL 346. Swift Water/Advanced Swift Water Rescue	2 hours
OUTL 348. AMGA Single Pitch Instructor Course	2 hours
OUTL 349. AMGA Single Pitch Instructor Assessment	1 hour
OUTL 353. Vertical Caving	2 hours
OUTL 354. Rope Technician	2 hours
OUTL 356. Field Experience	3 hours
OUTL 391. Outdoor Leadership Seminar (W)	1 hour
OUTL 425. Wilderness Interpretation (W)	3 hours
OUTL 430. Adventure Leadership	3 hours
OUTL 465. Outdoor Leadership Topics	0 – 3 hours
OUTL 492. Outdoor Leadership Internship	10 hours
OUTL 495. Directed Study	1 - 3 hours

EDOE 301. Outdoor Ministries (SERV-2) 3 hours

This course is at the heart of Christian outdoor leadership and youth ministry. Quite simply it is the art of connecting people with God through the book of nature. During the course students will study and emulate the outdoor teaching methods of Jesus and discover the transformational power of the wilderness as depicted in the Bible. Emphasis is placed on the development of metaphors, parables, and object lessons derived from nature. Students will gain practical outdoor ministry experience through networking with area schools, church, and community programs. An extended off-campus field experience of up to four days may be required. **Lab Fee:**6 (\$90).

FALL

EDOE 348. Environmental Education (SERV-2)**3 hours**

This course is designed to give students practical experience in the use of the outdoor classroom. Recent trends in methods, materials, strategies, laboratory techniques, assessment, and curriculum standards will be covered. Students gain valuable experience by teaching environmental education at local schools as well as by the planning and implementation of a multi-day outdoor school. An extended off-campus field experience of up to four days may be required. **Lab Fee:** 6 (\$90).

WINTER**OUTL 136. Survey of Outdoor Leadership****3 hours**

This course provides outdoor enthusiasts with an introduction to a wide variety of adventure activities including, but not limited to, challenge course, canoeing, rafting, rock climbing, caving, backpacking, horseback riding, mountain biking, and mountaineering. Safety, group dynamics, teamwork, problem solving, leadership skills, backcountry ethics, nature observations and spiritual insights are emphasized throughout the course. An extended multi-week expedition provides the core experience for this class. **Lab Fee:** 18 (\$700).

SUMMER**OUTL 218. Fundamentals of Outdoor Leadership****3 hours**

This course serves as a foundation for future outdoor educators, leaders, and professionals. It dives into the foundations of the leadership curriculum, expedition behavior and planning, risk management/hazard evaluation, and basic pedagogy of outdoor skills. The course will include a student-led expedition, will provide certification as a Leave No Trace Trainer, and can qualify students to lead adventure programming for the University. An off-campus field experience of up to four days may be required. **Lab Fee:** 7 (\$120).

Prerequisite(s): [OUTL 136](#) or consent of instructor.

FALL**OUTL 221. Challenge Course Facilitator****3 hours**

This course presents the content, methods, and safety measures used for cooperative initiatives and challenge course facilitation. Students will learn to use and implement the challenge course as a personal growth and development tool for different age groups and diverse populations. They will learn how trust, goal setting, peak experiences, challenge, stress, problem solving, and fun are key elements in effective challenge course facilitation. An off-campus field experience of up to four days may be required. **Lab Fee:** 11 (\$240). This course is cross-listed with [PSYC 221](#). A student may receive credit for this course from only one program.

FALL**OUTL 227. Primitive Skills****2 hours**

This course is designed to provide theory and field experience in primitive skills. Topics may include, but are not limited to: primitive clothing, shelter building, fire building, cooking, ethno botany, burn and scrape vessels, clay pottery, flint knapping, cordage twining, basketry. An off-campus field experience of up to four days may be required. **Lab Fee:** 10 (\$210).

WINTER**OUTL 229. Wilderness Survival****2 hours**

This course combines mental and physical preparation for wilderness survival situations. Topics and skills developed include, but are not limited to: survival priorities and essentials,

personal survival kits, shelter building, fire building, water purification, wilderness first aid, wild edible and useful plants, signaling, weather prediction, and navigation. An off-campus field trip of up to 4 days is required. **Lab Fee:** 10 (\$210).

FALL

OUTL 234. Emergency Medical Responder I

3 hours

Emergency Medical Responders (EMR) in the US provide initial emergency care first on the scene (police/fire/department/search and rescue) and support Emergency Medical Technicians and Paramedics when they arrive. The skills allowed at this level are very similar to an EMTs typically including patient assessment, taking vital signs, bleeding control, positive pressure ventilation with a bag valve mask, oropharyngeal airway, nasopharyngeal airway, supplemental oxygen administration, oral suctioning, cardio-pulmonary resuscitation (CPR), use of an automated external defibrillator (AED), splinting, and assisting in the administration of basic medications such as epinephrine auto-injectors, oral glucose, rescue inhalers, and assisting a patient with their own Nitroglycerin. They are also trained in packaging, moving and transporting patients.

FALL

OUTL 235. Emergency Medical Responder II

3 hours

This course is a continuation of Emergency Medical Responder I. Once this course is successfully completed the student can take the exam for certification as a National Registry Emergency Medical Responder. The National Registry is the certifying body for EMR's, EMT's and Paramedics.

WINTER

OUTL 265. Outdoor Leadership Topics

0 - 3 hours

Selected topics in outdoor education curriculum, skills, counseling, environmental study, etc. This course may be repeated for credit. A lab fee will be assessed for this course.

FALL | WINTER

OUTL 295. Directed Study

1 - 3 hours

This course permits the advanced student with adequate preparation to pursue independent study in special fields. This course may be repeated for credit.

OUTL 318. Wilderness First Responder

3 hours

This is a nationally recognized program that trains participants to respond to emergencies in remote settings. The course is designed specifically to provide the student with the tools to make critical medical and evacuation decisions in remote locations. Half of the time will be spent completing practical skills, case studies and scenarios designed to challenge decision-making abilities. The 80-hour curriculum 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, not the memorization of lists. The WMI Adult and Child CPR is included in the course. **Lab Fee:** 17 (\$600).

WINTER

OUTL 320. Intermediate/Advanced Rock Climbing

2 hours

The focus of this course is to develop competent and well-rounded leaders for rock climbing

programs. Students must possess a current climbing résumé containing a minimum of forty (40) climbs to enroll in this course as well as pass a comprehensive basic skills exam at the onset of the class. Key components such as gear placement, anchor building, self-rescue, sport climbing, traditional lead climbing, and multi-pitch transitions will be emphasized on this course. Students will be encouraged to develop skills that will allow them to be safe and self-reliant climbers and have the situational awareness to be in a leadership role during group climbing situations. Students are expected to spend additional time outside of class practicing and perfecting techniques taught in class. Additionally, students are expected to add a minimum of thirty (30) lead climbs of sport, trad or "mock" trad in nature to their climbing résumé during the time of the class. An extended field experience of up to four days may be required. **Lab Fee:** 10 (\$210).

Prerequisite(s): [ADAC 145](#) with minimum grade of B or permission of the instructor.

WINTER

OUTL 325. Confined Space Rescue

2 hours

This course is designed to meet the training requirements of 29 CFR 1910.146; 29 CFR 1910.146 (k), and NFPA 1670. Twenty-four (24) to forty (40) hours of intensive classroom and field instruction covers the basic skills needed to safely and efficiently perform confined space entry rescues. Topics covered in the program include assessment of confined space hazards, atmospheric monitoring, confined space rescue equipment use and limitations, knots, vertical and horizontal hauling, lowering systems, personal protective equipment and patient packaging. Topics of instruction may also include those of Permit-Required confined spaces: duties of supervisors, entrants and attendants, lock out/tag out procedures, atmospheric monitoring and non-entry rescue. An extended off-campus field experience of up to four days may be required. **Lab Fee:** 12 (\$300).

WINTER (odd Years only)

OUTL 330. Wilderness Emergency Medical Technician

3 hours

This course is the highest level of wilderness medicine training available. WMI's WEMT certification opens the door to a variety of career opportunities, such as EMT, ski patrol, SAR teams, or other emergency medical fields. This month-long intensive program combines wilderness medicine with urban medical emergencies. Students who successfully complete the course as well as both written and practical examinations will be certified by the National Registry of Emergency Technicians' in Basic EMT and Wilderness EMT. Courses take place in North Carolina. **Lab Fee:** 21 (\$1000). Additional fees may apply. Additional fees may apply.

Prerequisite(s): Students must be 18 years of age before the course start date, have a TB test completed less than one year prior to the last day of class, and have current healthcare provider level CPR certification.

SUMMER (odd years only)

OUTL 331. Equine Behavior and Training Management

1 hour

This introductory course examines equine behavior and learning and its implications to training and management. Students develop an understanding and appreciation of inherent and learned horse behavior, become familiar with some of the methods and techniques used in training horses, and gain competence and confidence in handling and teaching horses basic desirable habits. **Lab Fee:** 12 (\$300).

Prerequisite(s): ADAC 148 and ADAC 248 or permission of instructor.

FALL (odd years only)

OUTL 335. Challenge Course Management

3 hours

This course equips students with the skills required for the management of a challenge course as part of an outdoor education, adventure, or therapy facility. Topics include the construction of ropes course elements, instructional techniques, group debriefing skills, site inspection, safety and rescue, and equipment maintenance. This course meets the industry standards of Project Adventure and The Association of Challenge Course Technology (ACCT).

Prerequisite(s): OUTL 221 or permission of instructor.

WINTER

OUTL 346. Swift Water/Advanced Swift Water Rescue

2 hours

This course teaches river professionals and recreational users how to handle swift water emergency situations. Classroom training combined with hands on, in-water scenarios will teach students skills such as swift water safety, self-rescue, shore-based and boat-based rescues, unpinning boats, use of rope systems, and more. Successful completion of this course leads to American Canoe Association (ACA) Swift Water Rescue and Advanced Swift Water Rescue certifications. Participants must be competent swimmers. An extended off-campus field experience of up to four days may be required. **Lab Fee:** 16 (\$500).

Prerequisite(s): [PEAC 125](#); [OUTL 136](#), [ADAC 146](#) or [ADAC 161](#).

WINTER

OUTL 348. AMGA Single Pitch Instructor Course

2 hours

The American Mountain Guides Association Single Pitch Instructor (AMGA SPI) Program is a nationally recognized training and certification course consisting of two parts: 1) a SPI Course and 2) a separate SPI Assessment. This program is designed to teach current, active rock climbers to proficiently facilitate and instruct the sport of rock climbing in a single pitch setting. Candidates should have a real desire to teach rock climbing to novices in a single pitch setting, be passionate rock climbers who regularly climb, and have been rock climbing outdoors for at least 12 months. An Extended off-campus field experience up to four days is required for this course. **Lab Fee:** 18 (\$700).

Prerequisite(s): OUTL 320 or permission of instructor

WINTER

OUTL 349. AMGA Single Pitch Instructor Assessment

1 hour

The AMGA Single Pitch Instructor (SPI) Assessment is the second part of the AMGA SPI Program. The SPI Assessment is a two-day evaluation of a candidates' readiness to teach rock climbing in a single pitch setting as prescribed in the SPI Course. To qualify for this assessment candidates must have successfully completed the AMGA SPI Course within the previous three years. Upon the successful completion of the SPI Assessment, candidates will receive AMGA Single Pitch Instructor certification. An extended off-campus field experience up to four days is required for this course **Lab Fee:** 16 (\$500).

Prerequisite(s): OUTL 348

WINTER

OUTL 353. Vertical Caving

2 hours

This course is designed to provide the knowledge and skills needed to participate in and to lead vertical caving activities. Emphasis will be placed on site use and management, specialized vertical caving equipment, descending and ascending single rope techniques, selection of personal equipment, group safety and rescue. Due to the nature of this course, all students will be required to make class field trips to caving sites in the surrounding area. An extended field experience of up to four days may be required. Lab fee 14 will be assessed for this course. (Alternating years)

Prerequisite(s): [PEAC 125](#).

Pre- or Co-requisite: Pre- or Co-requisite: [ADAC 152](#) or permission of instructor.

FALL | WINTER

OUTL 354. Rope Technician**2 hours**

Beyond a "get-to-know-your-knots" introduction, this is an advanced technical level, rope rigging course that teaches concepts and skills used by high angle search and rescue teams, firefighters, event riggers, and other professionals. Students will learn to apply the principles of mathematics and forces in the construction and operation of anchoring systems, pulley systems, and high lines. Successful completion of this course leads to NFPA 1006 Rope Technician certification. An off-campus field experience of up to four days may be required for this class. **Lab Fee:** 15 (\$400).

Prerequisite(s): [OUTL 320](#) or [OUTL 353](#).

FALL

OUTL 356. Outdoor Leadership - Field Experience**3 hours**

Field experience in an appropriate outdoor school, park, nature center, camp or other educational setting approved by the instructor. At least one hundred fifty (150) clock hours of work experience are required. Procedures and guidelines are available from the School of Physical Education, Health & Wellness.

Prerequisite(s): Five (5) hours of Outdoor Leadership. Admission to Outdoor Leadership.

FALL | WINTER

OUTL 391. Outdoor Leadership Seminar (W)**1 hour**

This course is designed to develop research, writing, and presentations skills within the context of contemporary and controversial outdoor leadership issues. Many of the issues studied relate to new developments within the industry and provide opportunity to critically examine implications of these developments for emerging practice. Controversial issues are faced squarely by students as they research, debate, and collaborate. At the conclusion of the course students must have finalized arrangements for their outdoor leadership practicum or field experience.

Prerequisite(s): [OUTL 218](#) or permission of instructor. Junior or senior standing.

FALL

OUTL 425. Wilderness Interpretation (W)**3 hours**

This course provides the outdoor professional with a unique yet harmonious blending of nature studies and the creative arts. Students will learn to recognize much of our native fauna and flora while developing essential skills necessary for taxonomic identification. Nature studies will center on field-based observations, journaling, photography, and art. Selected writings from well-known conservationists and wilderness preservationists, such as Muir and Leopold, will be studied providing the inspiration and insight for developing interpretative methodology and creative writing skills. An extended 3-day field practicum is required. **Lab Fee:** 7 (\$120).

Prerequisite(s): [OUTL 136](#) and taken in conjunction with [OUTL 492](#).

FALL | WINTER | SUMMER

OUTL 430. Adventure Leadership**3 hours**

This capstone course develops the design, knowledge, techniques and implementation for teaching and leading wilderness travel experiences and technical adventure activities. Topics relative to the wilderness leader covered by this course include: environmental ethics and issues, individual and group dynamics, accessibility, safety and liability considerations, and permitting agencies. Physical and emotional requirements appropriate to wilderness field experiences and the administration of

adventure activities are also addressed. Students will develop a professional portfolio documenting their leadership experiences, professional resumé, research project and certifications earned. An extended field trip is required for this class. **Lab Fee:** 19 (\$800).

Prerequisite(s): Minimum 12 OUTL credit; [OUTL 318](#).
WINTER (even years only)

OUTL 435. Winter Alpine Mountaineering

2 hours

Winter Alpine Mountaineering develops winter backcountry and climbing skills that enable the alpinist to ascent larger mountains in an expeditionary context which often involve winter-like conditions. This field-based course provides an introduction to winter mountaineering skills such as snow camping, ice climbing, snow travel, and avalanche safety. Due to the strenuous nature of this course, participants must be in excellent physical condition. Spring Break field experience required. **Lab Fee:** 17 (\$600).

Prerequisite(s): ADAC 145
WINTER

OUTL 465. Outdoor Leadership Topics

0 – 3 hours

Selected topics in outdoor education curriculum, skills, counseling, environmental study, etc. This course may be repeated for credit. A lab fee will be assessed for this course.

FALL | WINTER

OUTL 492. Outdoor Leadership Internship

10 hours

Students work at an outdoor facility in the area of their specialization. This internship is a tailored program of seven hundred (700) clock hours of outdoor training experience in an outdoor program approved by the university. The time may be divided between two facilities to allow seasonal programming. Two on-site visits by the program director will be arranged by the student. Evaluation and reports will be required at one hundred (100) hour intervals. Procedures and guidelines are available from the School of Physical Education, Health & Wellness. Note: Senior status as an Outdoor Leadership major required.

Prerequisite(s): [OUTL 391](#). Admission to Outdoor Leadership Candidacy. Taken in conjunction with OUTL 425.

FALL | WINTER | SUMMER

OUTL 495. Directed Study

1 - 3 hours

This course permits the advanced student with adequate preparation to pursue independent study in special fields. This course may be repeated for credit.