Date: January 29, 2010  
Course Number: FTC 219  
Course Title: Introduction to Forest Recreation

☐ New Course  OR  ☒ Changes in existing course (check all that apply):

☐ Prefix
☐ Number
☒ Credits
☒ Title

Description
Pre-requisite(s)
Co-requisite(s)

Shared Resources
Course Format
Content
Semester Offered

This course meets the General Education standards in the following knowledge and skills area (check all that apply):

☐ American History  ☐ Humanities  ☐ Other World Civilizations
☐ The Arts  ☐ Mathematics  ☐ Social Sciences
☐ Basic Communication  ☐ Natural Sciences  ☐ Western Civilization

Prequisites or co-requisite requirements:

☒ Prerequisites: FTC 207 Forest Safety  ☐ Co-requisites:

Institutional Impact:

Anticipated Enrollment: 30-50 per semester

Technology and Classroom Resource Demands: Standard Classroom space with computer, document camera, screen, whiteboard, and DVD player is sufficient. Standard forest measurement tools and equipment.

Computing Resources: Computers, printers, computer network with access to internet, word processing and desktop-publishing software required.

Library Resources: Ranger School Library/Summit system.

Transportation Requirements: Van transportation to nearby field sites and for field trips throughout northern New York.
Forest Properties or Field Practicum Facilities
Required: 
Wanakena Campus (Ranger School), James F. Dubuar Memorial Forest, Newcomb Campus (AEC), Huntington Wildlife Forest.

Health and Safety Considerations:

Conditions or situations present in association with the course?

1. Will substances with any of the following properties be used during instruction: flammability, toxicity, corrosivity, reactivity, registered pesticide, legally controlled, or other characteristics with the potential to cause harm or injury? No

2. Will any physical hazards be present during instruction? (e.g., machines that need safety guards; razor blades or syringes; compressed gases, etc.). No

3. Will any biological hazards be present during instruction? (e.g., handling animals (rabies or hantavirus); cultures or stocks of infectious agents (fungal spores, viruses, bacteria, etc.). No

4. Will any radiation hazards be present during instruction? (e.g., radioisotopes, X-rays, ultraviolet rays, lasers, etc.). No

5. Will any electrical equipment that, due to its design, location, or method of use, pose any threat to safety during instruction? (Give considerable thought to electrical use outdoors, or any potentially wet location.). No

6. Will there be any personal safety issues related to the class? (e.g., due to time of day or location, at the end of any organized class exercise, will students be in danger of physical assault, etc.). Yes

7. Will any students be driving official state or research sponsored land or water vehicles during any class or instructional exercise? No

8. Will any type of personal protective equipment be necessary during class exercises? (e.g., hard-hats, eye/face protection, hearing protection, hand/foot protection, lab coat, visibility clothing, etc.) Yes

If the answer was “Yes” to any of the HEALTH AND SAFETY questions, please explain:

6. This course involves several outdoor, field-oriented lab exercises. Other than the conditions normal to exercises in forested settings, students will rarely be exposed to any special hazardous conditions. As part of a field trip to the Huntington Wildlife Forest, students have the opportunity to briefly handle small mammals and amphibians.

8. Due to the potential for falling debris in forested settings, students will be required to wear orange hardhats that meet or exceed the ANSI Z89.1-1986, Class A and B standards. Due to the uneven terrain encountered in many field laboratory sites, students will be required to wear boots that provide ankle support and protection. Due to the abrasiveness of low-level forest vegetation, students will be required to wear long pants during all field exercises. Because of the dispersed nature of the field activities, all faculty and staff will be required to carry two-way radios and/or cell phones to maintain contact with the administrative site in the event of emergencies.

CATALOG DESCRIPTION

FTC 219. Introduction to Forest Recreation (1)

Fourteen hours of lecture and twenty hours field and laboratory time. A study of forest-recreation resources, their importance to humans, and of the basic history, laws and principles underlying
forest-recreation management in the United States. The technical aspects of recreation management are emphasized, as is the study of public-land management, including Wilderness. Spring.

Pre-requisites: FTC 207
DETAILED COURSE DESCRIPTION

COURSE: FTC 219 – Introduction to Forest Recreation
1 Credit Hour – Spring Semester
14 hours lecture
20 hours field and laboratory
Prerequisite(s): FTC 207

SCOPE:

1. Level of Instruction:
   a. FTC 219 is an introductory course intended for students seeking an A.A.S. degree in Forest Technology or Environmental and Natural Resources Conservation at the Ranger School (Wanakena Campus).
2. Relation to curriculum or to other ESF or Syracuse University courses:
   a. FTC 219 is required of all students enrolled in the Ranger School’s Forest Technology and Environmental and Natural Resources Conservation curricula. It serves as a co-requisite for students enrolled in FTC 236 Recreation and Interpretive Techniques.
   b. Shared resource requirements: none, a graduate offering is not planned.

STUDENT LEARNING OUTCOMES:

After completing this course the student should be able to:

1. Identify the high points and approximate chronology of the history of recreation management in the United States.
2. Explain, and understand the causes and effects of key policies and legislation affecting forest-based recreation, both past and present.
3. Name the primary federal and state agencies that provide and/or manage recreational resources.
4. Know the amount and describe the types of public land available for outdoor recreation in the United States.
5. Define ‘wilderness’ and discuss the multiple values that wilderness areas provide.
6. Describe some relationships and/or connections between recreation management and forest management.
7. Describe and apply the seven principles of Leave No Trace.
8. Describe the qualifications, knowledge and experience necessary to act as a professional, licensed Outdoor Guide in New York State.
9. Better appreciate the planning, labor, tools and logistics required to build and/or maintain recreational resources such as trails, lean-tos, campgrounds, visitor centers, etc.

MAJOR CONCEPTS OR METHODOLOGIES:

This course serves as an introduction to the field of Forest Recreation. Students learn about the economic and sociologic importance of recreation in today’s society, the history of recreation management, and the development of recreational resources. Federal, state, and local agencies that develop and/or manage recreational resources are studied, as well as important laws and policies affecting forest-based recreation. The philosophy, values and management of wilderness are discussed, as are the design and construction details pertinent to trails, campgrounds, and visitor centers. The concepts and skills covered in the course are reinforced through field tours and/or field-oriented, hands-on exercises.

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Pre-requisites: FTC 207

COURSE HISTORY:

On 1/26/72, a new two-year curriculum in Forest Technology was approved by the College of Forestry Faculty. F. Tech. 218 and 219 were approved at that time as part of the package and were taught at the Wanakena campus starting in Fall 1973. The F. Tech. abbreviation was redesignated FTC in August 1973 as part of the computerization of college records. Minor changes to FTC 218 were made on 4/24/74. Revised descriptions of FTC 218 and FTC 219 were approved on 3/23/78. A revised course description for FTC 218 was approved in March 1989. FTC 218 and FTC 219 were combined, renamed, and redefined with increased scope and content as part of a new, 48-credit hour Forest Technology curriculum in 2000. The course is renamed and redefined with decreased scope and content as part of a new, 45-credit hour Forest Technology curriculum in 2010.


Revised Draft: January 21, 2010 (form in protected format: 1/29/10)