



Syllabus

CON 113 Wildlife Field Techniques

General Information

Date June 18th, 2019

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Department Conservation

Course Prefix CON

Course Number 113

Course Title Wildlife Field Techniques

Course Information

Catalog Description This course focuses on field techniques employed by wildlife professionals. Topics include proper animal handling, various capture techniques, measuring and tagging, telemetry, camera traps, sampling protocols and basic research design. Mammal and bird techniques will be emphasized with some reptile and amphibian techniques covered as appropriate.

Credit Hours 3

Lecture Contact Hours 3

Lab Contact Hours 0

Other Contact Hours 0

Grading Scheme Letter

Prerequisites

None

Co-requisites

None

First Year Experience/Capstone Designation

This course **DOES NOT** satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category

None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Vitality, Inquiry, and Perseverance

Course Learning Outcomes

Course Learning Outcomes

1. Demonstrate proper equipment usage and animal handling and care techniques for each capture method employed.
2. Collect data and perform basic calculations (e.g. mean, range).
3. Graph data collected in field work to drive decision making.
4. Write protocols for the various field techniques employed in class.

Outline of Topics Covered

- I. IACUC (Institutional Animal Care and Use Committee) and other ethical animal handling considerations
- II. Animal capture techniques
 - a. Bird banding
 - b. Small mammal capture (e.g. mouse, gray squirrel)
- III. Non-capture techniques
 - a. Tracking**
 - b. Camera traps**
- IV. Equipment usage (e.g. compass, GPS, radio telemetry gear)
- V. Elements of a research project
- VI. Analysis and graphical representations of collected data

Program Affiliation

This course is required as a core program course in the following program(s)
AAS Fish and Wildlife Technology