I. Catalog Description and Credit Hours: Public school teachers who seek techniques for natural resource teaching will benefit from this course through hands-on instruction. The Conservation Department is using a declining game species (Northern Bobwhite Quail) to focus on wildlife needs while communicating how to use that information to teach a variety of interdisciplinary classroom topics. (2)

II. Prerequisite(s): Students should have a B.S. degree and teach at a public, private or parochial school.

III. Purposes or Objectives of the Course:

A. To provide teachers with a foundation of ecological principles for Quail habitat needs and conservation.
B. To develop and enhance teachers’ ability to integrate wildlife habitat principles into their existing curriculum. Quail will be used as a medium to convey wildlife principles.

IV. Expectations of Students:
Participants will be able to:
A. define and discuss ecological concepts and principles relating to quail ecology and conservation.
B. plan, set up, and implement classroom and/or field trip sessions for students.
C. incorporate habitat curriculum into their existing curriculum.

V. Course Content or Outline (include number of periods on each topic):

A. Orientation/Pretest/Video 5 hrs
B. Intro to Wildlife Management Principles .75 hr
C. Future of Upland Game Management .5 hr
D. Leadership Training/Get Acquainted 2 hrs
E. Intro to Bobwhite Quail 1.5 hr
F. Intro to Photography; Program Development 2.25 hrs
G. Gun Safety Review; Shoot Trap Training 2 hrs
H. Intro to Wildlife Habitat Evaluation 4 hrs
I. Wildlife Habitat Evaluation Field Exercise; Intro to Farm Mgt. Plans; Aerial Photos; Habitat Examples 4.25 hrs
J. Telemetry Lecture and Field Exercise Field Experience; Internal Morphology Discussion and Examination 3.25 hrs
K. Population Dynamics 1 hr
L. Food Habits Game; Predator/Prey Relationships 1 hr
M. Shooting Exercise 1 hr
N. Upland Hunting Techniques  .75 hr
O. Dog Demonstration & Upland Hunting Scenario  3.25 hrs
P. Habitat Mgt. Practices: Burning, Discing, Mowing, Herbicides, Grazing, Haying, Food & Cover Plantings  1.5 hrs
Q. Quail Foods, Seeds, Collections  .75 hr
R. Master Gardeners – Plant ID  1.25 hr
S. Overview of WLM Plant  .5 hr
T. Sporting Clays  2.5 hrs
U. Forest Management Introduction  1 hr
V. Introduce Poster Presentation; Develop Outline  .5 hr
W. Work on Poster Presentation  1 hr
X. Organization of Quail Unlimited  .5 hr
Y. Work on “thank yous” for support groups  .5 hr
Z. Careers  .75 hr
AA. Media Skills; How to Write a Press Release  .75 hr
BB. Nesting Game Summary  .5 hr
CC. Sportsmanship; Ethics; Rules & Regulations  1.5 hrs
DD. Review Expectations for Educational Programs and Presentations  .5 hr
EE. Work on Educational Program  2.5 hrs
FF. Plant Identification Field Exercise  1.5 hrs
GG. Present Programs  2 hrs
HH. Wrap Up Times; Evaluations; Post-Test  5 hrs

VI. Textbook and/or Supplemental Materials:


VII. Basis of Student Evaluation:

A. Students will be expected to participate in all workshop sessions and assignments.
B. Students will serve as a covey leader, coordinator of covey activities, evaluator of covey assignments, and facilitator for youth during the workshop.
C. Student will develop and construct, and submit a week-long unit, utilizing conservation topics learned or included in the Quail Academy. Suggested activities could include: upland wildlife ecology, bobwhite quail biology and morphology, habitat requirements for upland species like quail, wildlife habitat evaluation, the role of hunting in conservation, the importance of hunter skills land hunter education, and any other combination as experienced during the workshop. Due July 9, 2003.