I. TITLE: Forage Management System

II. COURSE DESCRIPTION:
An intensive study of forage production and management systems for livestock (Fall).

III. PURPOSE:
The goal of this course is to provide extensive training in establishing, managing, evaluating, and utilizing forage for livestock production.

IV. COURSE OBJECTIVES:
The primary objective is to develop a general understanding for utilizing diversified, intensive production systems. Special emphasis will be placed on:
A. Planning production goals
B. Forage selection
C. Forage quality
D. Controlled grazing systems
E. Forage utilization by livestock

V. CONTENT OUTLINE:
A. Forage types
B. Forage establishment
C. Soil and forage testing
D. Multi-species forage systems
E. Precision Agriculture for in soil and forage analysis, fertilizer, and pesticide applications and pasture design.
F. Fencing systems for forage utilization
G. Native grasses for wildlife production
H. Fertilization and forage management
I. Estimating forage yields and quality
VI. INSTRUCTIONAL ACTIVITIES:
A. Lectures  
B. Class discussions  
C. Field Trips  

VII. FIELD, CLINICAL, AND/OR LABORATORY EXPERIENCES:
A. Field trips to area forage operations  
B. Visit forage research stations  
C. Visit soil and forage testing laboratories  
D. University and area farms for forage management activities  

VIII. RESOURCES:
A. University farms  
B. Area forage producers  
C. State forage and soil testing laboratories  
D. Fencing specialists  
E. Various forage publications  

IX. GRADING PROCEDURES:
A. Letter Grades:  
   A = 90 - 100%  
   B = 80 – 89%  
   C = 70 – 79%  
   D = 60 – 69%  
   E = below 60%  

X. ATTENDANCE POLICY:  
Please refer to the most current copy of Murray State University’s Graduate Bulletin.  

XI. ACADEMIC HONESTY POLICY:  
Please refer to the most current copy of Murray State University’s Graduate Bulletin.  

NOTE: The School of Agriculture Faculty have adopted and implemented an Academic Honesty Policy in addition to the University Honesty Policy, which can be found in the current Undergraduate Bulletin and Graduate Bulletin. The policy sets guidelines regarding acts of dishonesty and the procedure to follow should an event occur. It is each Agriculture student’s responsibility to obtain and read a copy of this document. The School’s Academic Honesty Policy can be obtained by asking for a copy from any Agriculture Faculty member or the Secretary.
XII. TEXT AND REFERENCES:

XIII. PREREQUISITES: None

XIV. STATEMENT OF AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY:

Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact Sabrina Y. Dial, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270-809-3155 (voice), 270-809-3361 (TDD).

XV. MSU SCHOOL OF AGRICULTURE CELL PHONE POLICY:

The School of Agriculture recognizes that in today’s world cell phones are a familiar and often necessary form of communication for students.

It shall be the policy of the School that no cell phone usage shall be allowed in class and/or labs without the prior consent of the course instructor. This shall include verbal calling, incoming calls, email, text messaging, and use of cell phone calculators on tests and quizzes.

Cell phones must be kept off and out of sight (i.e. secured to a person’s belt or kept in a bag or purse away from desks and lab counters).

Should a student’s cell phone be visible, ring, or other form of unauthorized usage that is interruptive to the class or lab, the student may be asked to leave class and not return for that class/lab period.

Upon prior consent of the instructor, a student may obtain permission to have their phone on in case of an emergency or in critical family situations.
This policy also includes pagers and other electronic equipment such as blackberries and/or computers/laptops.