APPLICATION FOR NEW COURSE

| 1. | Sub | omitted by the College of Date: | | | | | | |
|----|--|--|--|--|--|--|--|--|
| | Department/Division proposing course: | | | | | | | |
| 2. | Proposed designation and Bulletin description of this course: | | | | | | | |
| (| a. | Prefix and Number | | | | | | |
| | b. | Title* | | | | | | |
| | | *If title is longer than 24 characters, write a sensible title (24 characters or less) for use on transcripts: | | | | | | |
| | c. Courses must be described by <u>at least one</u> of the categories below. Include the number of <u>actual contact hours p</u> each category, as applicable. | | | | | | | |
| | |) CLINICAL () COLLOQUIUM () DISCUSSION () LABORATORY () LECTURE | | | | | | |
| (| |) INDEPEND. STUDY () PRACTICUM () RECITATION () RESEARCH () RESIDENCY | | | | | | |
| |) SEMINAR () STUDIO () OTHER – Please explain: | | | | | | | |
| | d. | Please choose a grading system: | | | | | | |
| | e. | Number of credit hours: | | | | | | |
| | f. | Is this course repeatable? YES NO If YES, maximum number of credit hours: | | | | | | |
| | g. | Course description: | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | h. | Prerequisite(s), if any: | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | i. | Will this course be offered through Distance Learning? | | | | | | |
| | | If YES, please circle one of the methods below that reflects how the majority of the course content will be delivered: | | | | | | |
| | | Internet/Web- Interactive based video Extended campus Kentucky Educational Television (KET/teleweb) Other | | | | | | |
| | | Please describe "Other": | | | | | | |
| 3. | Теа | aching method: N/A or Community-Based Experience Service Learning Component Both | | | | | | |
| 4. | То | be cross-listed as: | | | | | | |
| | | Prefix and Number Signature of chair of cross-listing department | | | | | | |
| 5. | Rec | quested effective date (term/year):/ | | | | | | |

APPLICATION FOR NEW COURSE

| vv 11 | rse to be offered (please check all that apply): Fall Spring Summer I the course be offered every year? | | YES | |
|-----------------------|--|---|-----|--|
| If N Wh | | | | |
| | | | | |
| a. | By whom will the course be taught? | _ | | |
| b. | Are facilities for teaching the course now available? If NO, what plans have been made for providing them? | | YES | |
| Wha | at yearly enrollment may be reasonably anticipated? | | | |
| a. | Will this course serve students primarily within the department? | | Yes | |
| b. | Will it be of interest to a significant number of students outside the department? If YES, please explain. | | YES | |
| | | | | |
| | I the course serve as a University Studies Program course [†] ? | | YES | |
| If Y | the course serve as a University Studies Program course [†] ? ES, under what Area? OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. | | YES | |
| If Y †AS | ES, under what Area? | | YES | |
| If Y †AS | ES, under what Area? S OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. | | YES | |
| If Y †AS | ES, under what Area? S OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. sck the category most applicable to this course: | | YES | |
| If Y †AS | ES, under what Area? OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. Ock the category most applicable to this course: traditional – offered in corresponding departments at universities elsewhere | | YES | |
| If Y †AS Che | ES, under what Area? OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. Ock the category most applicable to this course: traditional – offered in corresponding departments at universities elsewhere relatively new – now being widely established | | YES | |
| If Y †AS Che | ES, under what Area? OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. ck the category most applicable to this course: traditional – offered in corresponding departments at universities elsewhere relatively new – now being widely established not yet to be found in many (or any) other universities | | | |
| If Y †AS Che Is th | ES, under what Area? OF SPRING 2007, THERE IS A HIATUS ON APPROVAL OF NEW COURSES FOR USP. In the category most applicable to this course: In traditional – offered in corresponding departments at universities elsewhere In traditional – now being widely established In the course of the cours | | Yes | |

[‡]In order to change the program(s), a program change form(s) must also be submitted.

APPLICATION FOR NEW COURSE

| 17. | | The major tead | eaching objectives of the proposed course, syllabus and/or reference list to be used are attached. | | | | | | | | | |
|-----|---|------------------|--|-----------------------|--|-----------|--|--|--|--|--|--|
| 18. | Check box if course is 400G- or 500-level, <i>you must include a syllabus showing differentiation</i> for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See <i>SR 3.1.4</i>) | | | | | | | | | | | |
| 19. | Witl | hin the departme | ent, who should be conta | cted for further info | ormation about the proposed new course? | | | | | | | |
| Nam | e: | | | Phone: | Email: | | | | | | | |
| 20. | Signatures to report approvals: | | | | | | | | | | | |
| | | | | | / | | | | | | | |
| | DATE of Approval by Department Faculty | | | printed name | Reported by Department Chair | signature | | | | | | |
| | | ATE of Approx | al by College Faculty | printed name | Reported by College Dean | | | | | | | |
| | D. | ATE OF Approv | ar by Conege racuity | printed name | Reported by College Dean | signature | | | | | | |
| | | | | - | / Reported by Undergraduate Council Chair | | | | | | | |
| | * DATE of Approval by Undergraduate Council | | | printed name | Reported by Undergraduate Council Chair | signature | | | | | | |
| | | | | | / | | | | | | | |
| | * D | ATE of Approv | al by Graduate Council | printed name | Reported by Graduate Council Chair | signature | | | | | | |
| | | | | | / | | | | | | | |
| | * DATE of Approval by Health Care Colleges Council (HCCC) | | | printed name | Reported by Health Care Colleges Council Chair | signature | | | | | | |
| | * DATE of Approval by Senate Council | | | _ | Reported by Office of the Senate Council | | | | | | | |
| | * D | ATE of Approv | al by University Senate | <u> </u> | Reported by Office of the Senate Council | | | | | | | |

^{*}If applicable, as provided by the *University Senate Rules*

Course Syllabus

FOR 358

Silvicultural Practices

Class Period

Practicum (Spring Field Semester): 40 hours per week for 3 weeks of Spring Field Semester.

Instructor

Dr. John Lhotka Room 210 T.P. Cooper Building 859-257-9701 john.lhotka@uky.edu

COURSE OVERVIEW

Course Description

A study of the silvicultural practices for altering the forest canopy and regenerating the forest. Students will learn to apply these practices to meet multiple use objectives such as forest products, wildlife, health and protection, watershed, and recreation and develop silvicultural prescriptions. *Prerequisites: FOR 150, FOR 219, FOR 250, FOR 370, FOR 330, FOR 340, FOR 350, PLS 366, or consent of the field semester coordinator.*

Student Learning Outcomes

At the end of this course, the student will be able to demonstrate the following skills.

Alteration of forest canopy, regeneration, and regional applications

- 1. Analyze how to alter the forest canopy to meet a given objective.
- 2. Assess stand stocking and demonstrate the correct procedures for marking the stand for a thinning or other intermediate treatment.
- 3. Demonstrate the correct procedures for conducting a natural regeneration assessment.
- 4. Demonstrate the correct procedures for conducting artificial regeneration.
- 5. Compare various silvicultural practices throughout the region.

Prescriptions

- 1. Describe the components of a silvicultural prescription for multiple objectives such as recreation, wildlife, health and protection, and forest products.
- 2. Analyze critical habitat areas and explain how to incorporate critical habitat areas into management prescriptions.

Grading Procedures – Assignments, Grading Criteria, Letter Grades

Field Participation – 10% Field Exercises – 60% Quizzes – 30%

Letter Grades

A: > 90%

B: $\geq 80\%$ and < 90%

C: > 70% and < 80%

D: $\geq 60\%$ and < 70%

E: < 60%

Course Outline

{Week 1 is FOR 355 Forest Fire Control and Use} {Week 2-6 is FOR 356 Landscape Assessment} {Week 7-8 is FOR 357 Inventory and Measurements II}

Week 9-10: Alteration of forest canopy, regeneration, and regional applications Week 11: Prescriptions

During this module, students will learn silvicultural practices for altering the forest canopy and regenerating the forest. Students will apply these practices to meet multiple use objectives such as forest products, wildlife, health and protection, and recreation. Students will visit sites within Kentucky and throughout the South to see various silvicultural applications.

Integration: By the end of the module students will develop silvicultural prescriptions for forest products, wildlife, health and protection, and recreation objectives on the sample property.

COURSE POLICIES

Attendance and Excused Absences

Attendance is mandatory. If you foresee an absence, it is essential that you contact the instructor as soon as possible. If a student has excused absences in excess of one fifth of the class contact hours, a student may petition and receive a "W" or an "I" for the class.

Academic Integrity, Cheating and Plagiarism

Cheating of any form, including plagiarism, will not be tolerated. Cheating will be dealt with in accordance with University regulations. (See http://www.uky.edu/Student Affairs/Code/)

Professional Preparation

This course helps prepare you for your professional career. You are expected to attend class, be on time, participate in class discussions, and be respectful of your instructor and fellow classmates.

Disability Statement

Students with a disability that need classroom or exam accommodations should contact the Disability Resource Center, 257-2754, room 2 Alumni Gym, <u>jkarnes@uky.edu</u>.