





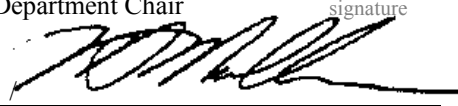
## APPLICATION FOR NEW COURSE

17.  The major teaching objectives of the proposed course, syllabus and/or reference list to be used are attached.
18.  Check box if course is 400G or 500. If the course is 400G- or 500-level, *you must include a syllabus showing differentiation* 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 *SR 3.1.4*)

19. Within the department, who should be contacted for further information about the proposed new course?

Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

20. Signatures to report approvals:

DATE of Approval by Department Faculty	printed name	Reported by Department Chair	signature
		/	
DATE of Approval by College Faculty	printed name	Reported by College Dean	signature
* DATE of Approval by Undergraduate Council	printed name	Reported by Undergraduate Council Chair	signature
* DATE of Approval 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		
* DATE of Approval by University Senate	Reported by Office of the Senate Council		

\*If applicable, as provided by the *University Senate Rules*

**Course Syllabus**  
**FOR 358**  
**Silvicultural Practices**

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**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

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**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:  $\geq 90\%$

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

C:  $\geq 70\%$  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.

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## **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/StudentAffairs/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, [jkarnes@uky.edu](mailto:jkarnes@uky.edu) .