APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR and MINOR

1. Submitted by the College of _____ Date: _____

Department/Division offering course: _____

2. What type of change is being proposed? ☐ Major ☐ Minor*

*See the description at the end of this form regarding what constitutes a minor change. Minor changes are sent directly from the dean of the college to the Chair of the Senate Council.

If the Senate Council chair deems the change not to be minor, the form will be sent to the appropriate Council for normal processing and an email notification will be sent to the contact person.

PROPOSED CHANGES

> Please complete all "Current" fields.
>
> Fill out the "*Proposed*" field only for items being changed. Enter N/A if not changing.
>
> Circle the number for each item(s) being changed. For example: ⑥

3. Current prefix & number: _____ *Proposed prefix & number:* _____

4. Current Title _____

Proposed Title† _____

†If title is longer than 24 characters (including spaces), write a sensible title (24 characters or less) for use on transcripts:

_____

5. Current number of credit hours: _____ *Proposed number of credit hours:* _____

6. Currently, is this course repeatable? YES ☐ NO ☐ If YES, current maximum credit hours: _____

Proposed to be repeatable? YES ☐ NO ☐ *If YES, proposed maximum credit hours:* _____

7. Current grading system: ☐ Letter (A, B, C, etc.) ☐ Pass/Fail

Proposed grading system: ☐ *Letter (A, B, C, etc.)* ☐ *Pass/Fail*

⑧. Courses must be described by at least one of the categories below. Include the number of <u>actual contact hours per week</u> for each category, as applicable.

Current:

(____) CLINICAL (___) COLLOQUIUM (___) DISCUSSION (___) LABORATORY (___) LECTURE

(____) INDEPEND. STUDY (___) PRACTICUM (___) RECITATION (___) RESEARCH (___) RESIDENCY

(____) SEMINAR (___) STUDIO (___) OTHER – Please explain: _____

Proposed:

(___) *CLINICAL* (___) *COLLOQUIUM* (___) *DISCUSSION* (___) *LABORATORY* (___) *LECTURE*

(___) *INDEPEND. STUDY* (___) *PRACTICUM* (___) *RECITATION* (___) *RESEARCH* (___) *RESIDENCY*

(___) *SEMINAR* (___) *STUDIO* (___) *OTHER – Please explain:* _____

9. Requested effective date (term/year): _____ / _____

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10. Current teaching method: ☐ N/A ☐ Community-Based Experience ☐ Service Learning Component ☐ Both

Proposed teaching method (if applicable): ☐ *Community-Based Experience* ☐ *Service Learning Component* ☐ *Both*

11. Current cross-listing: ☐ N/A

_____ _____
Prefix and Number NAME of current cross-listing DEPARTMENT

    a. *Proposed – REMOVE the current cross-listing:* ☐

    b. *Proposed – ADD a cross-listing:*

_____ _____
Prefix and Number *Signature of chair of proposed cross-listing department*

12. Current prerequisites:

_____

_____

Proposed prerequisites:

_____

_____

13. Current Bulletin description:

_____

_____

_____

Proposed Bulletin description:

_____

_____

_____

14. What has prompted this change?

_____

_____

15. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:

_____

_____

_____

16. Please list any other department that <u>could</u> be affected by the proposed change:

_____

17. Will changing this course change the degree requirements for ANY program on campus? ☐ YES ☐ NO

If   YES[‡], list below the programs that require this course:

_____

[‡] In order for the <u>course</u> change to be considered, <u>program</u> change form(s) for the programs above must also be submitted.

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18.   Is this course currently included in the University Studies Program?   ☐ Yes   ☐ No

19. ☐   Check box if <u>changed to</u> 400G or 500.   If <u>changed to</u> 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)*

20.   Within the department, who should be contacted for further information on the proposed course change?

Name: _____   Phone: _____   Email: _____

21.   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 the University Senate	Reported by the Office of the Senate Council

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

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Excerpt from *University Senate Rules:*

SR 3.3.0.G.2:   **Definition.** A request may be considered a minor change if it meets one of the following criteria:

     a.   change in number within the same hundred series;
     b.   editorial change in the course title or description which does not imply change in content or emphasis;
     c.   a change in prerequisite(s) which does not imply change in content or emphasis, or which is made necessary by the elimination or significant alteration of the prerequisite(s);
     d.   a cross-listing of a course under conditions set forth in *SR 3.3.0.E*;
     e.   correction of typographical errors.

Class Period
Lecture: 3 hours per week
Lab: 3 hours per week

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

COURSE OVERVIEW

Course Description
A study of ecologically based manipulations of forests to achieve desired management objectives. Students will learn how to develop and apply silvicultural prescriptions and learn the effects of these prescriptions on timber and non-timber forest benefits, forest health and biodiversity, soil, and water resources as well as their effect on broader social, economic, and ecological issues. Laboratory, three hours per week. *Prerequisites: FOR 219 and FOR 250.*

Student Learning Outcomes
At the end of this course, the student will be able to demonstrate the following skills.
1. Describe common silvicultural terms and techniques used in establishing and influencing composition, growth, and quality of forests.

2. When given a silvicultural prescription, you will be able to describe how the silvicultural prescription influences timber production, forest health, biodiversity, soil and water resources, and non-timber products/benefits. You will also be able to describe how the silvicultural prescription influences social, economic, and ecological issues.

3. When given land management objectives, you will be able to develop silvicultural prescriptions using various silvicultural concepts.

4. When given a silvicultural practice, you will be able to analyze the interconnections between biological principles and the silvicultural practice.

5. Describe the ecology and management of forest ecosystems common to Kentucky and the surrounding region.

6. When given inventory data, you will be able to perform statistical calculations for projecting future forest, stand, and tree conditions and use computer simulations to understand temporal aspects of silviculture.

Grading Procedures – Assignments, Grading Criteria, Letter Grades

Course grade will be based upon performance on the following evaluations:

Exams – 70%
Writing and Laboratory Assignments – 20%
Quizzes – 10%

Letter Grades
A: $\geq$ 90%
B: $\geq$ 80% and < 90%
C: $\geq$ 70% and < 80%
D: $\geq$ 60% and < 70%
E: < 60%

A grading curve may or may not be applied to the final course grade at the discretion of the instructor.

Course Outline

Week 1 – What is silviculture, common terminology, introduction to silvicultural systems

Week 2 – Stand dynamics, site quality/productivity

Week 3 – Tree and stand growth, effects of density management

Week 4 – Thinning methods

Week 5 – Release/improvement cuttings, pruning, fertilization

Week 6 – Ecology of regeneration

Week 7 – Site preparation

Week 8 – Even-aged regeneration methods

Week 9– Uneven-aged regeneration methods

Week 10 – Artificial regeneration

Week 11 – Silviculture of Kentucky's major forest types

Week 12 – Forest health and restoration

Week 13 – Managing forest structure for multiple-use objectives

Week 14 – Comprehensive final exam

COURSE POLICIES

Attendance and Excused Absences

Attendance is highly recommended for lecture, but is required for laboratory periods. Each unexcused absence for laboratory will decrease final grade by 1%.

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, jkarnes@uky.edu .