APPLICATION FOR NEW COURSE

1. Submitted by the College of Agriculture Date: 03/03/2008

Department/Division proposing course: Department of Forestry

2. Proposed designation and Bulletin description of this course:

a. Prefix and Number FOR 470

b. Title* Interdependent Natural Resource Issues

*If title is longer than 24 characters, write a sensible title (24 characters or less) for use on transcripts:
Interdep Nat Res Issues

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

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

(___) INDEPEND. STUDY (_8_) PRACTICUM (___) RECITATION (___) RESEARCH (___) RESIDENCY

(___) SEMINAR (___) STUDIO (___) OTHER – Please explain: 1 day/week for 1st nine weeks

d. Please choose a grading system: ☑ Letter (A, B, C, etc.) ☐ Pass/Fail

e. Number of credit hours: 3

f. Is this course repeatable? YES ☐ NO ☑ If YES, maximum number of credit hours: _____

g. Course description:

Culmination of the student's study of public concerns and problems related to natural resources. Work in teams to find and verify information on diverse topics, listen to and address public concerns, communicate natural resource information to a wide range of audiences, and be effective professionals in working toward solutions.

h. Prerequisite(s), if any:

Senior Standing. This is a writing-intensive (W) course approved to fulfill the upper tier of the graduation writing requirement (GWR). To receive W credit for this course, you must have successfully completed the first-year writing requirement (ENG 104 or its equivalent) and have completed at least 30 hours of coursework. Forestry majors must complete this course and FOR 400 to fulfill the upper tier graduation writing requirements.

i. Will this course be offered through Distance Learning? YES ☐ NO ☑

If YES, please identify one of the methods below that reflects how the majority of the course content will be delivered:

☐ Internet/Web-based ☐ Interactive video ☐ Extended campus ☐ Kentucky Educational Television (KET/teleweb) ☐ Other

Please describe "Other": _____

3. Teaching method: ☑ N/A or ☐ Community-Based Experience ☐ Service Learning Component ☐ Both

4. To be cross-listed as: _____ _____

Prefix and Number Signature of chair of cross-listing department

5. Requested effective date (term/year): Spring / 2013

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6. Course to be offered (please check all that apply): ☐ Fall ☑ Spring ☐ Summer

7. Will the course be offered every year? ☑ YES ☐ NO

If NO, please explain: _____

8. Why is this course needed?

This is one of the two capstone courses in the forestry curriculum. This course is needed to provided forestry students with the skills and knowledge to address various forestry and natural resource issues.

9. **a.** By whom will the course be taught? Dr. Dave Wagner

b. Are facilities for teaching the course now available? ☑ YES ☐ NO

If NO, what plans have been made for providing them?

_____

10. What yearly enrollment may be reasonably anticipated?

20

11. **a.** Will this course serve students primarily within the department? ☑ Yes ☐ No

b. Will it be of interest to a significant number of students outside the department? ☑ YES ☐ NO

If YES, please explain.

Natural Resource Conservation Management majors

12. Will the course serve as a University Studies Program course†? ☐ YES ☑ NO

If YES, under what Area? _____

†AS OF SPRING 2007, THERE IS A MORATORIUM ON APPROVAL OF NEW COURSES FOR USP.

13. Check 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

14. Is this course applicable to the requirements for at least one degree or certificate at UK? ☑ Yes ☐ No

15. Is this course part of a proposed new program? ☐ YES ☑ NO

If YES, please name: _____

16. Will adding this course change the degree requirements for ANY program on campus? ☑ YES ☐ NO

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

Undergraduate Forestry Program

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

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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: Jim Ringe Phone: 859-257-7594 Email: jringe@uky.edu

20. Signatures to report approvals:

March 3, 2008		Steven H. Bullard	/
DATE of Approval by Department Faculty		printed name	Reported by Department Chair signature
9/29/2008		Michael Mullen	/
DATE of Approval by College Faculty		printed name	Reported by College Dean signature
3/3/2009			/
* 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

Sharon Gill
Digitally signed by Sharon Gill
DN: cn=Sharon Gill, o, ou=Undergraduate Education, email=sgill@uky.edu, c=US
Date: 2009.03.12 16:13:08 -04'00'

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

Course Syllabus

FOR 470

Interdependent Natural Resource Issues

Class Period

Practicum: One day per week for first nine weeks of semester.

Instructor

Dr. Dave Wagner
Room 209A T.P. Cooper Building
859-257-3773
dwagner@uky.edu

COURSE OVERVIEW

Course Description

This is one of the capstone courses in the forestry curriculum and is designed to be the culmination of the student's study of public concerns and problems related to natural resources. Working in teams, students will learn to find and verify information on a diverse range of topics from various sources, listen to and address public concerns, communicate natural resource information to a wide range of audiences, and be effective professionals in working toward solutions.

Prerequisites: Senior Standing. This is a writing-intensive (W) course approved to fulfill the upper tier of the graduation writing requirement (GWR). To receive W credit for this course, you must have successfully completed the first-year writing requirement (ENG 104 or its equivalent) and have completed at least 30 hours of coursework. Forestry majors must complete this course and FOR 400 to fulfill the upper tier graduation writing requirement.

Student Learning Outcomes

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

1. Describe professional and leadership skills needed to be a 'Society Ready' forester and demonstrate effective habits and leadership skills of professionals.
2. Explain effective methods for alternative dispute resolution and be able to identify and address stakeholders involved in a dispute.
3. Demonstrate effective listening and communication skills and be able to address diverse audiences such as landowners, government agencies, media, and scientists.
4. Analyze different social, economic, and ecological approaches to address forest health issues or threats. Forest health issues and threats may include requirements of a healthy

forest ecosystem, invasive plants and animals, fragmentation and parcelization, changes in land ownership patterns, global change, climate change, and pollution.

5. Analyze (based on readings, class discussions, and previous courses) issues that cause a disconnect between society and natural resources.
6. Broadly describe how to manage forest ecosystems to meet ecological, economic, and social needs. This includes incorporating conservation biology concepts and the influence of urban areas and communities on forest ecosystems.
7. Communicate forestry concepts to youth using programs such as Project Learning Tree.
8. This course is a writing intensive course and by the end of the course you will be able to successfully complete the Writing Learning Outcomes. The **Writing Learning Outcomes** include:
    a. Write a paper that is essentially free of mechanical errors (grammar, punctuation, spelling, and syntax) and awkwardness, using a style that is appropriate to the purpose and audience.
    b. Demonstrate an ability to discover, evaluate, and clearly present evidence in support of an argument in the subject area and utilize documentation that conforms to the formats and the citation conventions of the subject area.
    c. Be aware that composing a successful text frequently takes multiple drafts, with varying degrees of focus on generating, revising, editing, and proofreading.
    d. Write a capable, interesting essay about a complex issue in forestry and natural resources for a general university audience.

Grading Procedures – Assignments, Grading Criteria, Letter Grades

This course is a designed to be a culmination of the student's study of natural resource issues. The course is project oriented as opposed to lecture-based. Students will work both in teams and individually to complete three class projects worth a total of 30 percent of your grade. A presentation at the end of the course will be worth 10 percent of your grade.

Part of this course is to effectively communicate natural resource information to a wide range of audiences. Therefore, 30 percent of your grade is based on a written assignment on a natural resource topic of interest to the student. Topics must be discussed and approved by the instructor. Details of the writing assignment are described in the Writing Assignment section.

A midterm and comprehensive final exam will each be worth 15 percent of your grade.

<u>Grading Criteria</u>
Class Projects (3) – 30 %
Writing Assignment – 30%
Presentation – 10%
Midterm – 15%
Comprehensive Final Exam – 15%

<u>Letter Grades</u>
A: $\geq$ 90%

B: ≥ 80% and < 90%
C: ≥ 70% and < 80%
D: ≥ 60% and < 70%
E: < 60%

Writing Assignment

Writing Requirements - Assignments
Students will be required to write a minimum of 8 pages of formal writing that is drafted, reviewed, and revised. These 8 pages will be a single-authored assignment.

There will be a draft, review, and revision processes that will be used in the course. The review process may include peer review workshops of drafts, instructors' written comments on drafts, and individual student-instructor conferences about drafts.

Assessment
Please submit two copies of your final paper to the instructor. One copy will be graded by the instructor; the second copy will be used for SACS assessment and should be a clean copy, with only your student ID number (NOT social security number) listed at the top of the page, with all other identifying information (your name, instructor name, and course and section number) removed.

Grading Policies of Writing Assignments
To pass the course and fulfill the upper tier of the Graduate Writing Requirement, you must submit all formal writing assignments and earn a grade of C or better on each assignment. Any major assignment that receives a D or below must be revised to reflect competency and resubmitted. You may resubmit such assignments two times. If you fail to achieve a C grade on the final version of any major writing assignment, you will receive a failing grade for the course. Note that assignments or requirements other than the formal writing become a factor in the final determination of your course grade only if you have achieved a grade of C or higher on all formal writing assignments.

At the discretion of the instructor, students who fail to achieve competency may receive I (incomplete) grades, but in no case may a student whose writing fails to reach the level of C (competent) receive a passing grade in a course that satisfies the University Writing Requirement.

Course Outline

Week 1: Course overview. Professional Leadership Skills.

Week 2: Alternative Dispute Resolution

Week 3: Communication and Leadership Skills

Week 4 – 8: Class discussions in the morning. Visit landowners, government agencies, media, and scientists, to discuss forestry and natural resource issues including forest

health issues. Communicate forestry and natural resource concepts to youth.

Week 9: Presentations

COURSE POLICIES

Attendance and Excused Absences

Attendance is mandatory. For each unexcused absence, your final average will be lowered by one point. Excused absences are defined by S.R. 5.2.4.2 http://www.uky.edu/StudentAffairs/Code/part2.html .

For excused absences, students will be able to make up the missed work or exam. Students must inform the instructor of the advance, if possible, but not later than one week after the missed 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/)

Part II of *Student Rights and Responsibilities* (available online at http://www.uky.edu/StudentAffairs/Code/ part2.html) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else's work, whether it be published article, chapter of a book, a paper from a friend or some file, or whatever. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain. (Section 6.3.1). The minimum penalty for an academic offense, such as cheating or plagiarism, is an E in the course (Section 6.4.1).

Information about the Writing Requirement

Questions about the W option should be referred to the Director of the UK Writing Initiative, Professor Janet Carey Eldred, eldred@uky.edu.

Writing Initiative Office
152 Bowman Hall
University of Kentucky
Lexington, KY 40508-0059
859-257-4831
www.uky.edu/UGS/WritingInitiative

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 .