APPLICATION FOR NEW COURSE

1.	Submitted 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 reach category</u> , 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):/						

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vv 11	Course to be offered (please check all that apply): Fall Spring Summer Will the course be offered every year?					
	If NO, please explain: Why is this course needed?					
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. cck 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.

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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-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.	Sign	Signatures to report approvals:											
					/								
	DA	TE 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							
					/								
	* 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	_	Reported by Office of the Senate Council								

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

Course Syllabus

FOR 356

Landscape Assessment

Class Period

Practicum (Spring Field Semester): 40 hours per week for 5 weeks of Spring Field Semester.

Instructor

Dr. Paul Kalisz Room 102 T.P. Cooper Building 859-257-7606 pkalisz@uky.edu

COURSE OVERVIEW

Course Description

Students will learn to assess various landscape types through week-long, in-depth studies of five topic areas, while studying how the topics are interrelated. The topic areas are winter dendrology, wildlife, soils, hydrology, and health and protection. During the module, students will visit sites throughout Kentucky and the region. *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. Dendrology (Winter)

- 1. Identify trees in the winter landscape by using tree components such as buds, twigs, and bark.
- 2. Use your knowledge of site quality characteristics to understand why certain tree species are located on different sites.

Wildlife

- 1. Apply knowledge of sampling theory in wildlife to practical applications such as taking vegetation measurement samples.
- 2. Evaluate cover at the ground, mid-story, and canopy level to determine how vegetation impacts wildlife habitat.
- 3. Apply knowledge of home range and patch size to select appropriate wildlife management principles for a given area.

Soils

- 1. Relate how soil properties influence a given landscape.
- 2. Analyze the difference between soil types and evaluate soil site quality.

Hydrology

- 1. Demonstrate proper sampling procedures for measuring flow, water quality, and other hydrologic variables.
- 2. Use collected data to analyze the variation between different landscapes and watersheds

Health and Protection

- 1. Identify exotic and invasive plants. Explain exotic and invasive plant characteristics and relate how these characteristics impact rural and urban areas.
- 2. Identify forest health threats (pests, disease, wind, ice, water, drought, fire, wildlife, invasive plants) and use your knowledge of forest practices to describe ways to protect the forest from these threats.
- 3. Analyze ecosystems and critical habitat areas and the related silvicultural practices that should or should not be conducted in these areas.

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: $\geq 70\%$ and < 80%

D: > 60% and < 70%

E: < 60%

Course Outline

{Week 1 is FOR 355 Forest Fire Control and Use}

Week 2: Dendrology (Winter)

Week 3: Wildlife

Week 4: Soils

Week 5: Hydrology

Week 6: Health and Protection

During this module, students will learn to assess landscapes. Students will receive weeklong in-depth knowledge on a main topic area, while incorporating material from other topics. These topics include dendrology, wildlife, soils, hydrology, health and protection, and

inventory and measurements. Students will visit different ecosystems in the region to understand both plant and animal communities that exist and how soils and hydrology help shape the landscape.

Integration: Throughout this module, students will return to the sample property to understand dendrology, wildlife, soils, hydrology, health and protection, inventory and measurements at the sample property. During visits to the sample property, students will gather data on particular topic areas to create GIS map layers for the sites. At the end of the module, students will have assessed the sample property and created a digital map of the site containing GIS layers for trees, wildlife, soils, hydrology, stand inventory data, and forest health.

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, jkarnes@uky.edu.