Reedley College

CREDIT COURSE OUTLINE

I. COVER PAGE

(1) NR 265	(2) Selected Topics in Natural Resources	(3) 0.5 – 2
Number	Title	Units

(4)	Lecture / Lab Hours:			
	Course Hours			
		Weekly Lec hours:		1.00 - 34.00
		Weekly Lab hours:		3.00 - 102.00
		Total Contact hours:		
	Lec will generate __ hour(s) outside work.			
	Lab will generate __ hour(s) outside work.			
(5)	Grading Basis:	Grading Scale Only		
		Pass/No Pass option		
		Pass/No Pass only		
(6)	Advisories:			
(7)	Pre-requisites (requires C grade or better):			
	Corequisites:			

(8)Classification:			
		Degree applicable:	
		Non-degree applicable:	
		Basic skills:	
(9)RC	Fulfills AS/AA degree requirement: (area)		
	General education category:		
	Major:		
	Certificate of:		
	Certificate in:		
(10)CSU		Baccalaureate:	
(11)Repeatable: (A course may be repeated three times)			3
(12)C-ID:			
Proposed Start Date:			Summer 2012

(12) Catalog Description:
Selected topics in application or extension of regular course objectives. Usually held off campus at the school forest or other field sites. Subjects are variable and may include one of the following: timber stand improvement, campground maintenance, trail construction, wildlife survey techniques, erosion control, riparian restoration, backcountry skills, advanced chainsaw techniques, or forest mapping.

II. COURSE OUTCOMES:

(Specify the learning skills the student demonstrates through completing the course and link critical thinking skills to specific course content and objectives.)

Upon completion of this course, students will be able to:

I. Identify and solve technical problems under field conditions through application of skills learned in the classroom.
II. Differentiate between the various alternatives for the technical solutions to the problem presented.

III. COURSE OBJECTIVES:

(Specify major objectives in terms of the observable knowledge and/or skills to be attained.)

In the process of completing this course, students will:

I. Perform tasks to acceptable industry standards.
II. Use tools, equipment, and techniques which meet forestry/natural resources industry safety standards.

IV. COURSE OUTLINE:

Lecture Content:

Subjects are varied, but will follow this form:

A. Introduction
B. Background about subject area
C. Technical specifications and standards
D. Materials and methods
E. Alternatives
F. Discussion
G. Application of technical subject
H. Results and conclusions
I. Critique and evaluation

V. APPROPRIATE READINGS

Reading assignments may include but are not limited to the following:

I. Sample Text Title:

II. Other Readings

___ Global or international materials or concepts are appropriately included in this course
___ Multicultural materials and concepts are appropriately included in this course

If either line is checked, write a paragraph indicating specifically how global/international and/or multicultural materials and concepts relate to content outline and/or readings.

VI. METHODS TO MEASURE STUDENT ACHIEVEMENT AND DETERMINE GRADES:

Students in this course will be graded in at least one of the following four categories. Please check those appropriate. A degree applicable course must have a minimum of one response in category A, B, or C.

A. Writing Check either 1 or 2 below			
X	***1. Substantial writing assignments are required. Check the appropriate boxes below and provide a written description in the space provided.***		
	2. Substantial writing assignments are NOT required. If this box is checked leave this section blank. For degree applicable courses you must complete category B and/or C.		
	a) essay exam(s)		d) written homework
	b) term or other paper(s)		e) reading reports
	c) laboratory report(s)		f) other (specify)

Required assignments may include but are not limited to the following:

B. Problem Solving Computational or non-computational problem-solving demonstrations, including:			
	a) exam(s)	X	d) laboratory reports
	b) quizzes	X	e) field work
	c) homework problems		f) other (specify):

Required assignments may include but are not limited to the following:
Students will design and implement a wildlife survey grid using maps and Geographic Information System (GIS) coverages.

Students will design and implement a stream restoration project using skills obtained during the course.

Students will prepare a field report describing the results of a forest inventory survey.

Students will survey and produce a map of forest or property boundaries.

Students will complete a navigation course using map and compass skills.

C. Skill demonstrations, including:			
X	a) class performance(s)	X	c) performance exams(s)
X	b) field work		d) other (specify)

Required assignments may include but are not limited to the following:
Students will safely operate a chainsaw.

Students will use survival skills to build a shelter in the wilderness.

Students will operate a global positioning system to navigate to a predetermined point.

D. Objective examinations including:			
	a) multiple choice		d) completion
	b) true/false		e) other (specify):
	c) matching items		

COURSE GRADE DETERMINATION:
Description/explanation: Based on the categories checked in A-D, it is the recommendation of the department that the instructor's grading methods fall within the following departmental guidelines; however, the final method of grading is still at the discretion of the individual instructor. The instructor's syllabus must reflect the criteria by which the student's grade has been determined. (A minimum of five (5) grades must be recorded on the final roster.)

If several methods to measure student achievement are used, indicate here the approximate weight or percentage each has in determining student final grades.

Does Course Require Secial Facilities? No

Attached Files:

BASIC SKILLS ADVISORIES PAGE The skills listed are those needed for eligibility for English 125, 126, and Math 201. These skills are listed as the outcomes from English 252, 262, and Math 250. In the right hand column, list at least three major basic skills needed at the beginning of the target course and check off the corresponding basic skills listed at the left.

Check the appropriate spaces.

_____ Eligibility for Math 201 is advisory for the target course.

_____ Eligibility for English 126 is advisory for the target course.

_____ Eligibility for English 125 is advisory for the target course.

If the reviewers determine that an advisory or advisories in Basic Skills are all that are necessary for success in the target course, stop here, provide the required signatures, and forward this form to the department chair, the appropriate associate dean, and the curriculum committee.

REQUISITES

No requisites

JUSTIFICATION OF LIMITATION ON ENROLLMENT

Enrollment in courses or blocks of courses may be limited based on performance, honors, or other performance based criteria. Be mindful of the disproportionate impact the limitation will have on specific groups of students. It is important to determine if the limitation will disproportionately keep under-represented students from enrolling in the course or block of courses.

Describe the reasons for limiting the enrollment.

Course Designator: NR 265

Course Title(s): Selected Topics in Natural Resources

Rationale for Limiting Enrollment:
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