NRM 280.17 Course Outline as of Fall 2012

CATALOG INFORMATION

Dept and Nbr: NRM 280.17 Title: PROJECT LEARN TREE Full Title: Project Learning Tree Last Reviewed: 4/11/1995

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	8.00	2	Lecture Scheduled	16.00
Minimum	1.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	16.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 32.00

Total Student Learning Hours: 48.00

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:

A course designed to assist individuals in the field of environmental education and resource interpretation to promote the study of forests and and forestry as a window through which elementary and high school students can explore their dependence on natural resources and learn to cope intelligently with a full range of environmental issues.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:

Description: A course designed to assist individuals in the fields of environmental education & resource interpretation to promote the study of forests as a window through which elementary & high school students can explore their dependence on natural resources & learn to cope intelligently with a full range of environmental issues. (Grade or P/NP) Prerequisites/Corequisites:

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: CSU GE:	Area Transfer Area	Effective: Effective:	Inactive: Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer	: Effective:	Inactive:	
UC Transfer:	Effective:	Inactive:	

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

- 1. Develop an understanding of forest and resource management techniques.
- 2. Effectively communicate the diversity and functioning of forest ecosystems.
- 3. Demonstrate the importance of natural resources in satisfying society's needs.
- 4. Knowledge of various issues in resource management.

Topics and Scope:

- 1. Creating an understanding of basic biological and physical principles involved in the operation of forest ecosystems.
- a. Anatomy and physiology of living trees
- b. Interrelationship of forests and other resources
- c. Diversity of forest resources
- 2. Communicating the value of forest resources to humankind
- a. Importance of forests in maintaining a liveable ecosystem for human populations
- b. The recreation and wilderness value of forests
- c. The use of forests as a raw material resource
- 3. Developing an environmental awareness and appreciation of the diversity of natural resources
- a. Exploring the various cultural contexts in which society values resources
- b. Examination of the issues affecting resource management
- c. Methods of understanding and resolving conflicts involved in the use of resources

Assignment:

- 1. Readings totaling 150 pages
- 2. Classroom projects developing two interpretative and educational activities involved in use of resources
- 3. Two written lesson plans involved in communicating knowledge of three resource subjects i.e. forests, water and soil.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Reading reports, Term papers

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Activity project reports

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Written lesson plans

Exams: All forms of formal testing, other than skill performance exams.

None

Other: Includes any assessment tools that do not logically fit into the above categories.

None

Representative Textbooks and Materials:

Project Learning Tree Activity Guides (2)

Publisher: American Forestry Association

Writing 30 - 40%
Droklam colving
25 - 40%
[]
Skill Demonstrations 30 - 40%
Exams

Other Category 0 - 0%

0 - 0%