

**NRM 280.17 Course Outline as of Spring 1995****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:

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**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

Writing  
30 - 40%

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

Homework problems, Activity project reports

Problem solving  
25 - 40%

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

Class performances, Written lesson plans

Skill Demonstrations  
30 - 40%

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

None

Exams  
0 - 0%

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

None

Other Category  
0 - 0%

## Representative Textbooks and Materials:

Project Learning Tree Activity Guides (2)  
Publisher: American Forestry Association