

Course Syllabus

1. **Name of Curriculum** Bachelor of Science Program in Environment
Faculty/Institute/College Mahidol University International College, Faculty of Science, Faculty of Environment and Resource Studies, Mahidol University
2. **Course Code** ICEN 463 **Course Title** Forest Management in the field of Environment
3. **Number of Credits** 4 (Lecture/Lab) (4-0)
4. **Prerequisite** None
5. **Type of Course** Elective
6. **Trimester / Academic Year**
First / 2005

7. **Course Description**

Principle of forest management included utilization, silviculture and conservation. Law and regulation concerned with forest management. Causes and effects of forest degradation in Thailand. Sustainable development included watershed management, forest rehabilitation such as reforestation and afforestation, community forestry, protected area management, wildlife management and biodiversity conservation.

8. **Course Objectives**

1. To strengthen the better understanding on sustainable forest resource management, especially in the field of environment.
2. To identify appropriate solution to reduce impacts and concerned problems of forest resource.

9. **Course Outline**

Week	Topic		Instructor
	Lecture	Hour	
1	Forest Ecology and Its Significance	4	Asst.Prof.Dr.Sura
2	Forest Survey and Mapping	4	Asst.Prof.Dr.Sura
3	Watershed Management	4	Asst.Prof.Dr.Sura
4	National Park Management	4	Asst.Prof.Dr.Sura
5	Forest Recreation / Eco-tourism	4	Guest Lecturer
6	Wildlife Management	4	Guest Lecturer
7	Community Forestry	4	Guest Lecturer
8	Forest Rehabilitation	4	Asst.Prof.Dr.Sura
9	Biodiversity Conservation	4	Asst.Prof.Dr.Sura
10	Forest Monitoring and Surveillance	4	Asst.Prof.Dr.Sura
11	Forest Monitoring and Surveillance (continued)	4	Asst.Prof.Dr.Sura
	Total	44	

10. Teaching Method

- Lectures: Face to face and slide presentation.
- Assignments: Each student will be assigned to read and search for a specific topic concerning forest resource management.
- Field studies: The field studies will be provided to the sample site of forest resource management.
- Examination: Written examination Lecture

11. Teaching Media

- Texts and Teaching Materials
- Transparencies
- Power Point Presentation

12. Course Achievement

Assessment made from the set-forward criteria. Student who gets 85% up, will have Grade A.

13. Course Evaluation

1. Assignments	30	%
2. Examination	70	%

14. Reference

Lawrence S. Davis, Theodore Howard, Pete Bettinger, Theodore A. Howard, K. Norman Johnson. Forest Management. The McGraw-Hill Companies, 2000.

15. Instructor

Asst.Prof. Dr. Sura Pattanakiat

16. Course Coordinator

Asst.Prof. Dr. Sura Pattanakiat