Reedley College
Timothy E. Smith

LAND Department
Plant Science 7

COURSE OUTLINE

I. CATALOG STATEMENT

A. Plant Science 7 - Insects, Diseases and Weeds

B. Insects, diseases, and weeds of the agriculture and landscape environments. Fundamental principles of pest management, identification, control, and laws and regulations.

C. Time: 2 lecture and 3 laboratory hours per week.

D. Units: 3

II. TEXTBOOKS

A. CDFA Laws and Regulations Study Guide

B. California Polytechnic State University Pest ID Kits

III. SUPPLEMENTARY MATERIALS

A. Specimen Collection Materials

IV. DESCRIPTION OF EVALUATION PROCEDURES

A. The final grade for the course will be determined by the following:

1.	Quizzes	200
2.	Laws and Regulations Study Guide	160
3.	Specimen Collection	100
4.	Examinations	300
5.	Laboratory	300

B. The final grading scale for the course will be as follows:

90% = A 80% = B 70% = C 60% = D <60% = F

Last Day To:	Drop Class with Refund:	August 27, 1999
	Drop w/o Transcript Record:	September 3, 1999
	Change CR/NR:	September 17, 1999
	Drop w/o a Letter Grade Assigned	October 15, 1999

Attendance

Attendance of lectures and labs is required and roll will be taken at each meeting. A "tardy" is considered an absence unless the student contacts and explains the incident. Students must make prior arrangements with the instructor to be excused from lectures and labs, make-up of missed tests and labs are permitted only with excused absences.

Office Hours - LSH 2

Tuesday	12:00	Wednesday	12:00	Friday	10:00

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COURSE QUESTIONNAIRE

1. Name:

2. Major:

3. Career Direction:

4. College Transfer Plans:

5. Course Expectations:

6. Previous Insects/Weeds/Disease Course Work:

7. Specific Insect//Disease/Weeds Interest(s):

8. Final Grade Expectation:

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Plant Science 7 -Insects, Diseases, & Weeds
Lecture Schedule

Week	Date	Topics
1	8/16	Intro/administration
	8/18	IPM Fundamentals/ Economic Injury
2	8/23	Ag Ecosystem / Population Dynamics
	8/25	Insect Anatomy & Development
3	8/30	Insect Reproduction
	9/1	Insect Orders
4	9/6	Holiday
	9/8	Non-insect Pests: Mites
5	9/13	Predators/parasites
	9/15	BT/Pathogens
6	9/20	Semiochemicals//Bio Control
	9/22	Review
7	9/27	Examination I
	9/29	Chemical Control I
8	10/4	Chemical Control II
	10/6	Nematode
9	10/11	Nematode
	10/13	Vertebrate Pest Control
10	10/18	Thresholds/monitoring/Review
	10/20	Weed Intro/ID
11	10/25	Guest: Paul Buxman
	10/27	Herbicide I
12	11/1	Herbicide II
	11/3	Guest Speaker-
13	11/8	PMZ - Review
	11/10	Examination II
14	11/15	Disease Intro
	11/17	Pathogen & Host Symptom
15	11/22	Fungi
	11/24	Fungi
16	11/29	Bacteria/virus/mycoplasma
	12/1	Control Options
17	12/6	Guest Speaker:
	12/8	Review
	Final - Comprehensive	

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LABORATORY SCHEDULE

1.	Preparation Laboratory	8/18/99
2.	Insect Identification	8/25/99
3.	Insect Damage/Campus Tour	9/1/99
4.	Insect Identification Examination	9/8/99
5.	Field Trip: Britz Vineyard	9/15/99
6.	Weeds Identification/Campus Tour	9/22/99
7.	Weeds: Herbicide Selectivity/Drift	9/29/99
8.	Calibration	10/6/99
9.	Kearney Field Station: Nematode	10/13/99
10.	Weeds Id Examination/ Specimen Assist	10/20/99
11.	IPM Computer	10/27/99
12.	Disease Campus Tour/Laws and Reg Review	11/3/99
13.	Laws and Regulation Examination	11/10/99
14.	AgFresno Field Trip	11/17/99
15.	Turf/Landscape/OH	11/24/99
16.	Final Review	12/1/99
17.	Laboratory Final - Comprehensive	12/8/99