

**POWER EQUIPMENT AIR CONDITIONING
COURSE INFORMATION**

CATALOG DESCRIPTION

Technical information and development of repair and maintenance competencies in modern Power Equipment Air Conditioning systems. Refrigerant recycling and ozone layer protection procedures are emphasized.

UNITS & HOURS

2 Units	Monday	1 lecture & 3 lab hrs/week
6:00 - 6:50 PM	Lecture	
7:00 - 9:50 PM	Lab	

TEXT

Red Dot Manual

ASSIGNMENTS & GRADES

This class is designed to develop equipment technician skills to service and repair power equipment air conditioning systems. Laboratory skills (i.e. use of hand and diagnostic tools related to the analysis and repair of power equipment air conditioning systems) will constitute approximately 50% of the students grade. Approximately 50% of the grade will be determined by lecture tests and final exam.

Point Distribution:

90% = A, 80% = B, 70% = C, 60% = D, Less than 60% = F

<u>Lecture:</u>	5 Tests @ 100 pts	500		
	Final Exam	100		
			Lec. Total	600
<u>Lab:</u>	Participation 10 @ 40	400		
			Lab Total	400
			Total	<u>1,000</u>

GRADE POLICY

See attachment

OFFICE HOURS

By appointment
Office: 486-4310
Home: 299-5444 (leave message)

MATERIALS (MANDATORY)

- Approved eye protection/safety glasses
- Approved foot wear
- Two work shirts (Approx. \$35)
- KRRC Mech Ag Technician shirt @ A.V. Uniform, 2930 North Blackstone, Fresno 93703 Phone: 224-1199
- Cotton gloves (plastic, leather, vinyl not acceptable)

drop date
final exam date

Reedley College
LANDSCAPE, AGRICULTURE, NATURAL RESOURCES DEPARTMENT

GRADE POLICY
SPRING, 2000

Student achievement will be measured by a combination of assignments, quizzes, tests, and laboratory work.

ATTENDANCE

Lecture:

Attendance at lecture is required and roll will be taken at each class meeting. A "tardy" is considered an absence unless the student contacts the instructor at the **END** of class to have the status changed to a tardy. Two tardies will count as an absence. Any student who misses more than two weeks of class meetings may be dropped by the instructor (i.e. class meets two time a week, 4 absences; class meets 1 time a week, 2 absences).

Lab:

Attendance in all labs is mandatory. Students must make prior arrangements with the instructor to be excused from lab. At that time, the instructor will determine what, if any, make-up work will be appropriate.

Test:

Make-up test are limited to: students who have made arrangements with the instructor prior to the required testing period or those students who have been excused by the Dean of Admissions.

ASSIGNMENTS

For maximum point consideration, all written essay assignments and term reports should be typed and double-spaced.

Lecture assignments (homework) will be accepted late up to the test for that unit of the course; however, late assignments will be penalized 1/3 of the possible points.

Late laboratory assignments turned in within one week of the required due date will be accepted with a penalty equal to 1/3 of the maximum points. Any lab assignments turned in after that time up to the last regular class meeting will be accepted with a 50% penalty.

MAG-8 Topical Outline

January

10	Introduction
17	Holiday
24	Basic Electricity
31	Basic Electricity

February

7	Exam/Basic Electricity
14	Basic Electricity
21	Holiday
28	Exam/Air Conditioning – Chapters 1 & 2

March

6	Air Conditioning - Chapters 3 & 4
13	Air Conditioning – Chapters 5 & 6
20	Exam/Air Conditioning – Chapters 7 & 8
27	Air Conditioning – Chapters 9 & 10

April

3	Air Conditioning – _ Chapters 11 & 12
10	Exam/Air Brakes
17	Spring Break
24	Air Brakes

May

1	Air Brakes
8	Air Brakes/Exam
15	Final

**The instructor reserves the right to adjust the outline as needed.
Any changes in test dates or topics will be made with
prior notice.**