

OFFICE HOURS: Monday, Tuesday, Wednesday, Thursday  
10:00 - 11:00 a.m.

TELEPHONE: 638-3641, Ext. 3719

<b>COURSE INFORMATION</b>
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**TITLE** LAND 10 - Shop Skills

**DESCRIPTION** The use of hand and power tools related to plumbing, woodworking, electrical wiring, concrete and metal working. Emphasis will be placed on practical application and theory.

**UNITS & HOURS** 2 Units 1 hour lecture & 3 hours lab per week

**TEXTBOOK** Agricultural Mechanics: Fundamentals & Application, 2<sup>nd</sup> Edition  
Elmer L. Cooper (Delmar Publishers)

**MATERIALS\*** Approved eye protection/safety glasses  
Coveralls or work clothes  
Approved footwear  
Tape measure  
\*Required by the start of the 3<sup>rd</sup> week

**ASSIGNMENTS/  
GRADING** Five skill areas will be covered that correlate to the assigned textbook readings, course lecture notes, and lab projects. Each lab project must be accompanied with a project drawing and materials/tools list.

<u>Grade Scale</u>	<u>Point Distribution</u>	<u>Points</u>	
A 90%	Safety Test	50	
B 80%	5 Test @ 100 pts./each	500	
C 70%	Final Exam	100	
D 60%	5 Homework @ 50 pts./each	<u>250</u>	900
F <60%	Lab Participation 5 @ 20 pts./each	100	
	Lab Projects 5 @ 100 pts./each	<u>500</u>	<u>600</u>
	Total		<u>1500</u>

**FINAL EXAM** Wednesday, May 17, 1:00 p.m.

**DROP DATE** At the end of the 9<sup>th</sup> week of instruction, no withdrawals (drops) are permitted, and the student must receive a letter grade for the class. The last day to drop a course is Friday, March 10, 2000.

**ATTENDANCE**

Attendance is required since most of the learning occurs in a lecture/lab situation.

Students are responsible for obtaining notes/information missed due to absence from the instructor.

Please notify the instructor if you know in advance that you will be absent from class.

College policy dictates that an instructor should drop a student with two consecutive weeks of unexcused absences.

**CHEATING & PLAGIARISM**

In keeping with the philosophy of the college that students are to receive the best education available, and in compliance with Board Policy 5410, each student is expected to exert an entirely honest effort toward attaining an education. Violations of this policy will result in disqualification for the course.

**COURSE OUTLINE**

<u>Week #</u>	<u>Topic</u>	<u>Reading</u>	<u>Assignment Due</u>
1	Orientation/Shop Safety	29-52 78-94	
2	Project Plans/Measurement	195-217	Project Plan
3	Tools/Fasteners	53-77 157-169	
4	Woodworking	95-128	
5	Woodworking	170-185	Homework
6	Woodworking		Test
7	Plumbing	380-398	
8	Plumbing		Homework
9	Plumbing		Test
10	Concrete	399-416	
11	Concrete		Homework
12	Concrete		Test
13	Metal Working	129-132	
14	Metal Working	142-150	Homework
15	Metal Working		Test
16	Electricity	359-379	
17	Electricity		Homework
18	Electricity		Test