

AGED 189 – Education in Agricultural Mechanics

- I. **Catalog Statement (PREREQUISITE: Me Ag 1S)**
 A. **AGED 189 - Education in Agricultural Mechanics (3 units)**
 B. Development, organization, administration, and delivery of secondary programs in agricultural mechanics.
 C. Teaching techniques in agricultural mechanics, shop planning, safety, program planning.
- II. **Purpose of the Course**
 A. To prepare students to plan, organize and deliver a curriculum in Agricultural Mechanics for the secondary schools in California.
 B. To familiarize students with instructional skills required for delivery of the curriculum in Agricultural Mechanics in the secondary schools of California.
- III. **Reference List:**
 A. Required texts:
 1. Planning, Organizing and Teaching Agricultural Mechanics, Bear & Hoerner.
 B. References:
 1. Mechanics in Agriculture, Phipps & Reynolds
 2. Demonstrations for Farm Mechanics, O'Brien.
 3. Agricultural Power and Machinery, Jacobs & Harrell
 4. Teaching Shop & Laboratory Subjects, Paulter
 5. AGED Magazine

IV. **Reading Assignments**
 1. Text: Planning, Organizing, and Teaching Agricultural Mechanics, Bear

Week	Chapter	Title
1.	1 & 2	Planning & Preparation
2.	3 & 4	References & Curriculum
3.	5 & 6	Scheduling & Student Management
4.	7 & 8	Responsibility & Liability
5.	9 & 10	Planning Facilities
6.	11	Environmental Control
7.	12	Tools & Equipment
8.	13	Inventorying, Ordering & Storing Supplies
9.	14	S O E Promotion
10.	15	Computers in Ag Mech.
11.		Student Presentations
12.		" "
13.		
14.		
15.		AG MECH. CURRICULUM DUE
16.		FINAL EXAM DEC 15, 3:30 P.M.

V. **Description of Evaluation Procedures**

The final grade in the course will be determined by the following:

1. Ag Mech 1. Curriculum (40%)
 - A. Curriculum- Ag Mech. Is to be developed from California Ag Mech. Core Curriculum. (10%).
 - B. Project Design & Grading Rubric- (5%)
 - C. Equipment & Tool Inventory-(5%)
 - D. Tool & Equipment marking plan-(5%)
 - E. Tool & Equipment Board marking plan-(5%)
 - F. Shop Layout and Systems diagram (10%)
2. Presentations (50%)
 - A. Shop Mini lesson, 20 Min. (20%)
 - B. Shop Lab Demonstration 20 min (30%) J I T lesson plan.
3. Quizzes (10%) **Every Friday no make up**
4. Grading Scale
A= 92% B= 82% C= 72% D= 62%

NOTES:

1. THE ABOVE SCHEDULE AND PROCEDURES FOR THIS COURSE ARE SUBJECT TO CHANGE IN THE EVENT OF EXTENUATING CIRCUMSTANCES IN THE JUDGMENT OF THE INSTRUCTOR.

2. No guests are allowed in the class.
3. All students must have proof of tetanus immunization.
4. BEHAVIOR INCONSISTANT WITH SHOP SAFETY RULES WHICH RISKS THE HEALTH AND SAFETY OF OTHERS WILL CONSTITUTE GROUNDS FOR EXPULSION FROM CLASS.
5. PLAGIARISM OR CHEATING IN ANY FORM WILL BE DELT WITH IMMEDIATELY AND IN ACCORDANCE WITH UNIVERSITY POLICY.
6. You can't learn if you aren't here...**So be HERE!!!! NO EXCUSES!!!!** Teachers are always on the job.

**Fresno State
Department of Animal Sciences and Agricultural Education
CONSTITUTION
(Core Values)**

1. Student well-being is primary. Students become extended family. We are here because of the student and for the student. Our interests are to provide a clear path to a brighter future for each student entering our doors.
2. We insist on programmatic Integrity. Everything we do does not deviate from the promise to our students. Our word is our bond. We take the time it takes so it takes less time. We hold to what we stand for.
3. Agriculture is vital to society. Our role in Agriculture is vital because is vital to society. We provide a bridge to future societal success through our students.

4. We stand for progressive education. Our faculty remain current on industry standards, practices, and technologies. We are consistently evaluating and upgrading course material and practices as individuals as well as a department.
5. We Teach! (Take Every Aggie & Coach Him/Her) We actively engage students in the educational process. We impart knowledge as well as passion for our scientific disciplines. Faculty / Students interaction is imperative. Education is an accumulation of knowledge and relationships.
6. We Advise and Produce! We have strong industry relationships. Our ability to stay on the cutting edge of industry progression with our advising and teaching allows our graduates an advantage in career placement. Our graduates positively impact the industry.

**Fresno State
Department of Animal Sciences And Agricultural Education**

Who are we?

Worldwide leader in the education of applied agriculture. We impact the industry.

What do we represent?

A vehicle of worldwide opportunity to career paths in Agriculture and beyond.

Our Points of Difference:

1. Location and Association with industry:
We are located in the heart of an Agricultural industry that feeds 10% of the world population. Fresno County alone leads the world in the production of 247 different commodities. We specialize in training students to employ applied scientific principles in production agriculture.
2. Faculty:
We advise and teach students, engage students in research, and interact with industry. We prepare students to go where they cannot go themselves. We care.
3. Curriculum:
We teach science and the practical application of science within the industry because of our relationship with industry.

Fall 2010 Calendar

August

- 23 Monday -instruction begins
-Dec 2007 Degree Application period begins
- 27-30 Mon-Fri -Welcome Week 2007

September

- 3 Monday -Last day to ADD class without permission.
-Last day to DROP classes without permission
-Last day to be eligible for refund
-Last day to register for credit by examination
-Last day for Administrative Drop
- 6 Monday -Labor Day – NO CLASSES
- 7 Friday -Last day to file for MS and BS Degrees for Dec 2007
- 15 Wednesday -ASAE Welcome BBQ – O’Neill park 5:30 pm
- 20 Monday -Last day to ADD with permission
-Last day to DROP with permission
-Last day to change to/from CR-NC grading
-Last day to take Credit by Examination
-Last day to change from credit to audit or audit to credit
- 27 Friday -Last day for graduate students to apply for Advancement
to candidacy for May 2008 graduation

October

- 4 Monday -Last day for faculty to submit Credit by Examination
Grades
- 25 Monday -Last day to file edited, committee-approved Master’s
Thesis for December graduation
- 27 Wednesday -Last day to submit a complete withdrawal and be eligible
For a prorated refund

November

- 1 Monday -Registration and ADD/DROP for Spring 2008 begins
- 11 Thursday -Veteran’s Day – NO CLASSES
- 16 Tuesday -Last day to drop classes for serious and compelling
Reasons
- 25-26 Thurs-Fri -Thanksgiving Recess – NO CLASSES

December

- 8 Wednesday -Last day of instruction
- 9-10 Thu –Fri -Final exam preparation and consultation
- 13 -16 Mon-Thu -Final Exams
- 17 Friday -Last day to submit clearance paperwork to
Incomplete make-up work.