

**IMPERIAL VALLEY COLLEGE
COURSE SYLLABUS
FALL 2013**

DR. Patrick S. Pauley

Division:	Science, Math & Engineering	Course Number:	AG 138
Course Title:	Computer Applications in Ag	Credit Units:	3
Lecture Hours:		Class Days:	MW
Building:	2700	Location:	2732
CRN:	10040	Time:	1610-1815 & 1830-2140 Lec/Lab
Office Hours:	MW 07:00-08:00 TR 07:00-08:30 or by Appointment		

Text Books Required

Agricultural Systems Management 4th ed. Marcel Dekkar, inc Publisher
Peart, Robert

Class Objectives

This course covers the concepts of using GPS, GIS, and various software applications in the process of production agriculture. Laboratory exercises will be engaged in to apply the concepts that are discussed in lecture. The IVC crop field and community garden will be used to gain practical experience in using field monitoring and mapping equipment. Additionally, programs MS Office (particularly Excel) will be used to create spreadsheets applicable to various crop and livestock enterprises. Students will also learn and apply analytical techniques in evaluating various soil conditions for suitability for use in production of various crop commodities based on salinity surveys and other industry reports.

Attendance and Class Policies

Regular attendance in all classes is expected of all students enrolled. Instructors are required to include a student's attendance record in computing grades. A student may be excluded from further attendance in a class during a semester when absences, after close of registration, have exceeded the number of units for the class.

You should come to class prepared to be an active participant in the learning process. Enhanced learning occurs through interaction with others.

It is your responsibility to make an appointment with the instructor if you have concerns about your progress in the class.

It is your responsibility to complete a DROP REQUEST if you are withdrawing from the class.

You are considered TARDY if you arrive in class after roll has been called. Three (3) tardies constitute one (1) absence. A tardy is valued at 1 points, and an absence is valued at 3 points.

Other school policies:

No food or beverage allowed in classroom.

No children allowed in classroom.

All the electronic devices need to be turned off or in the quiet mode.

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. DSP&S, Room 2117, Health Science Building (760)355-6312.

Assignments

Each student is required to keep a class notebook which will include all lecture notes, handouts, and other assignments which may be assigned. Points will be awarded for completeness and neatness.

Exams

Two exams (mid-term and final) valued at 100 points each. No make-up exams will be given.

Institutional Student Learning Outcomes: **ISLO1** = communication skills; **ISLO2** = critical thinking skills; **ISLO3** = personal responsibility; **ISLO4** = information literacy; **ISLO5** = global awareness

Course Student Learning Outcomes: upon completion of this course, the student will be able to:
Demonstrate a working and practical knowledge of various computer and technologically related applications to the agriculture industry.

Grading

Attendance	90
Class Participation	50
Notebook	50
Exams (2 @ 100)	200
Homework Assignments	100

A	=	≥	90%
B	=		80 – 89%
C	=		70 – 79%
D	=		60 -69%
F	=	≤	59.99%