

SYLLABUS

Course Number: SOCR 177

“Introduction to Applied Information Technology in Agriculture”

1 Credit hours

Department of Soil & Crop Sciences.

Catalogue Description:

Introduction to application of various Information Technology advances in agriculture. This will include but not be limited to data base management, project management, geographic information systems, global positioning systems, remote sensing, and their applications in soil, crop, animal, forestry, horticulture, economics, and business management.

Pre-requisite: None.

The class is taught in the Spring semester every year for 1 credits (1,0,0). The class will meet once a week every week throughout the semester.

I.

A. Instructor(s):

Raj Khosla
Soil and Crop Sciences
Office: C013 Plant Science Building
Phone office: 491-1920
Email: raj.khosla@colostate.edu

Office Hours: Any time the door is open or the light is on.
Alternatively, you can schedule a time with me and I will be there.

B. Teaching Assistant:

Louis Longchamps (Ph.D. Candidate)
W-10 Plant Sciences Building
Soil & Crop Sciences
Phone office: 491-6237
Email: Louis.Longchamps@gmail.com

Office Hrs: Wed 9:00am to 10:00am

II. Course Schedule:

Lecture: Mondays 12:00 through 12:50pm. Room 105 Military Science Building (Alternate arrangements: lecture time may be re-scheduled as per class requirements)

Laboratory: NONE. The class will perform some hands-on lab work during the scheduled lecture time in Precision Agriculture Lab W-010 in Plant Sciences Building or outside at Monfort Quad (South of Plant Sciences Building)

III. Learning Objectives:

1. Students will be able to develop appreciation for Information Technology in Agriculture.
2. Students will be able to realize the challenges, avenues and opportunities of utilizing Information Technology in Agriculture.
3. Students will be able to develop an understanding of how Information Technology is currently being utilized in Agriculture, how it is going to impact agricultural operations and business in the future, and how they can contribute and benefit from acquiring training in the area of Applied Information Technology in Agriculture.

IV. Course Grading:

Students will be evaluated based on the traditional grading system.

A. One midterm exams:	25 percent
B. Home work Problems	40 percent
C. Final Exam:	30 percent
D. Class Participation:	05 percent

FINAL EXAM: Wednesday May 8th, 2012 from 4:10pm to 6:10pm