

## FOR 150 – Computer Applications in Natural Resource Professions (2 Credits)

### Course Syllabus Spring 2012

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Time: Wednesday 1:00 PM - 2:50 PM

Place: 220 T.P. Cooper

Instructor: Dr. Darryl Cremeans  
Office: 121a T. P. Cooper  
Phone: 257-1396  
Email: [dcremean@uky.edu](mailto:dcremean@uky.edu)  
Office Hours: W 8-11 AM or by appointment

TA:

Textbook: none required

Course Website: [www.ca.uky.edu/forestry/FOR150](http://www.ca.uky.edu/forestry/FOR150)

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### COURSE OVERVIEW

#### Course Description

In this course you will learn to use and apply standard computer software to solve problems. Emphasis will be placed on decision processes and algorithm construction. Additionally, students will learn to construct aesthetic graphs, diagrams, maps and other visual material and will gain experience communicating results in a variety of written formats.

#### Professional Preparation

As a working forester, you will need to collect and analyze data, write reports and create visual aids to communicate your ideas. This course helps prepare you for your professional career. You are expected to be ready for class, participate in discussions, and be respectful of your instructor and fellow classmates.

## **Grading Procedures – Assignments, Grading Criteria, Letter Grades**

Course grade will be based upon performance on the following evaluations:

Homework assignments are due at the beginning of the class one week after they are assigned, unless otherwise noted. Late homework will not be accepted for a grade.

Late homework, make-up quizzes and exams will only be given with an excused absence (S.R. 5.2.4.2). It is the student's responsibility to inform the instructor of the absence, preferably in advance, but no later than one week after the absence.

Assignments – 20%

Quizzes – 30%

Tests – 50%

### Letter Grades

A = 90 to 100

B = 80 to < 90

C = 70 to < 80

D = 60 to < 70

E = < 60

**A grading curve may be applied at the discretion of the instructor.**

### Tentative Course Outline

Jan 11 – Course Introduction

Jan 18 – Windows 7 and Office 2010 basics

Jan 25 – Excel

Feb 1 – Word

Feb 8 – PowerPoint

Feb 15 – Office 365

Feb 22 - Forest Inventory Software

Feb 29 – continued/review

Mar 7 – midterm

Mar 14 – Will Not Meet (Spring Break)

Mar 21 – Forest Growth Models

Mar 28 – continued

Apr 4 – GPS

Apr 11 – GIS

Apr 18 – continued

Apr 25 – continued/review

Apr 30 8AM - Final

## COURSE POLICIES

**Academic Integrity:** Plagiarism and other forms of cheating are unacceptable and will not be tolerated. Additional information on plagiarism may be found at <http://www.uky.edu/Ombud/Plagiarism.pdf>. The minimum penalty for either of these academic offenses is an "E" in the course, with suspension and dismissal also possibilities.

**Special Needs:** If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours or another time. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, [jkarnes@uky.edu](mailto:jkarnes@uky.edu)).

### **Use of the Computer Lab (TP Cooper 220)**

Computers are to be used for educational purposes only. Personal use (e.g. Internet browsing, online games, Facebook, Twitter) is not allowed. Users may not alter, install or remove software on computers unless given permission.

### **Instructor's Philosophy**

You are adults. I will not treat you as children. In college, you are expected to attend class (don't be tardy), read outside of class assignments, study and turn in homework on time. If you do not follow these rules, there are consequences.

**Note:** The instructor reserves the right to modify the syllabus at any time during this semester in order to achieve the learning objectives of the class. This includes steps to correct errors and omissions that may have occurred. If I do modify the syllabus, the new version will be provided to each student. There will also be a reasonable amount of time for the correction to be implemented.