

Getting Control of Your Data!

Syllabus

Course Number: EY 592

Section: 3

Meeting Times: 10:00 to 10:50 am

Meeting Location: Natural Resources 232 (Computer Learning Lab)

Instructor: Jim Graham (jim@nrel.colostate.edu)

Office: A219

Office Hours: Monday and Wednesday at 2:00pm

Teacher's Aid: Liz Harp (eharp@colostate.edu)

Web Link for Materials:

http://squall.nrel.colostate.edu/data_user/jimg/Classes/GetControl/

Prerequisites:

- Experience using Excel for data entry, simple manipulation, functions, graphing
- No programming experience required just a design to learn
- Interest and energy for using data to solve problems!

What you can expect to gain from the course:

- An understanding of a structure to use to manage natural resource data across different projects with different purposes, methods, and data collection
- Become a confident programming in Visual Basic for Applications in Excel
- Confidence and techniques to extract data from the internet, restructure data for different purposes, integrate datasets, publish data on the internet
- Learn what databases, web services, programming languages, and computers can and cannot do for you

Grading:

- Mid-term: 25%
- Homework: 50%
- Participation and Teamwork: 25%