Course Syllabus
Tentative and subject to change!


Chapter 1: A review of basic concepts. Weeks 1 - 2.

Chapter 2: Intro to regression analysis. Week 2.

Chapter 3 + notes: Simple linear regression. Weeks 3 - 4.

Chapter 8: Residual analysis. Week 5.

Chapter 4 + notes: Multiple regression models. Weeks 6 – 8.

Chapter 5: Model building. Week 9.


Chapter 13: Case study – Modeling the sale prices of residential properties in four neighborhoods. Week 10.

Chapter 14: Case study – An analysis of rain levels in California. Week 10.

Chapter 7: Some regression pitfalls. Week 11.

Chapter 9: Special topics in regression. Weeks 11 – 12.


Chapter 12: Analysis of variance for designed experiments. Weeks 15 – 16.

It is unlikely that we will get to Chapter 12, but hope springs eternal thus my listing the topic on the syllabus.