STAT 460	Fall 2012
Bayesian Statistics	**Day Course**

Instructor: Dr. Tim Swartz

Prerequisite:

STAT 330 and STAT 350.

Textbook:

No textbook required.

References:

Bayes and Empirical Bayes Methdos for Data Analysis (Carlin &Louis)
Bayesian Data Analysis (Gelman, Carlin, Stern & Rubin)

Calendar Description:

The Bayesian approach to statistics is an alternative and increasingly popular way of quantifying uncertainty in the presence of data. This course considers comparative statistical inference, prior distributions, Bayesian computation, and applications.
Quantitative

Outline:

1. The basics:
      the Bayesian paradigm
      comparative statistical inference