

Stat 3355 Course Information

Instructor: Dr. Larry P. Ammann
Office hours: Wed, 2:00-3:30 pm, others by appt.
Email: ammann@utdallas.edu
Office: FO 2.410C
Phone: (972) 883-2164
Text: Course notes and web resources

Topics

- Graphical tools
- Numerical summaries
- Bivariate summaries
- Simulation
- Sampling distributions
- One sample estimation and hypothesis tests
- Two sample estimation and hypothesis tests
- Introduction to inference for regression and ANOVA

Notes

1. Very little course time will be spent on probability theory. The basic concepts of probability will be illustrated instead via simulations of Binomial and Normal distributions.
2. This course includes an introduction to **R**, a computer platform for data visualization and analysis. Bring your laptops to class on Thursdays until further notice. Those classes will be devoted to using **R**.

Grading Policy

Course grade will be based on quizzes, homework projects and the final project.

Course Pre-requisites, Co-requisites, and/or Other Restrictions

See catalog

Course Description

See catalog

Required Textbooks and Materials

Listed under Course Information above

Suggested Course Materials

Listed under Course Information above

Course Policies

Make-up exams

With prior arrangement.

Student Conduct & Discipline

These descriptions and timelines are subject to change at the discretion of the Professor.

Refer to

provost.utdallas.edu/syllabus-policies/
for current UTD policies and procedures.