

CIEG 351: Probability & Stats

Stochastic and deterministic statistical modeling: probability and statistics for univariate analysis including probability density functions, confidence intervals and hypothesis testing. Probability and statistics for multivariate analysis including regression analysis, confidence intervals and hypothesis testing, PCA, ANOVA, and risk-based design concepts.

Credits: 3

Prerequisites/Permissions:

MATH 158.

Program:

Civil Engineering

COURSE DESCRIPTIONS