Stat-699: Information Theory

Fall 2013

Instructor
Dr. Joseph Barr
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Class meets every Friday 11 am - 2 pm with 45 minutes lunch break at noon.

Office Hrs
Friday 2-3 or by appointment.
(Fifth floor of Math/CS building)

Textbook
Thomas and Cover: *Elements of Information Theory, 2nd Ed., Wiley 2006*

Prerequisites
Familiarity with multivariate calculus and upper division probability theory.

Target audience
Mathematics, Statistics, Computer Science, Electrical Engineering, Bioinformatics, physics
(thermodynamics, quantum mechanics.)

Class material
Chapters 1 through 13 plus some extra stuff.

Grades
Weekly assignments (60%).
Class presentations (20%). Final exam (20%)