

Stat516.1 STATISTICS II (course#65021)
MoWeFr 1:25PM - 2:15PM, Spring 2016, Goessmann Lab. Addtn room 151
Course Website: <http://www.math.umass.edu/~hsieh/stat516.1>

Instructor: Professor H. K. Hsieh (“Shay”)
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Textbook (required): Mathematical Statistics with Applications, 7th Edition, by Wackerly, Mendenhall and Schaeffer, Brooks/Cole, 2008 [Note: try to avoid purchasing other kind of version, e-book, old version or international version, as problem numbers may be different from our official copy.]

Course requirements: Students are expected to attend all classes if possible. Attendance 10% HW 15% , Test I & II 15% for MIn(I,II) and , 20% for Max(I,II), Final Exam 40%.
Grade: A(94-100), A-(90-93), B+(86-89), B(81-85), B-(78-80), C+(75-77), C(71-74), C-(66-70), D+(61-65), D(56-60), F(0-55)

Course Description:

Basic ideas of point and interval estimation and hypothesis testing; one and two sample problems, simple linear regression, topics from among one-way analysis of variance, discrete data analysis and nonparametric methods. Prerequisite: Statistic 515 or equivalent.

[Note: Because this course presupposes knowledge of basic math skills, it will satisfy the R1 requirement upon successful completion.]

Home Work Sets Requirements:

- Write or type on 8x11 size paper.
- Write “S516.1” and your **name** on top of the first page.
- Write problem number (subnumber) for each problem and explain solutions if not trivial.
- Staple up the set of papers.
- Home work set must be turned in by due date; 20% off if turned in 2nd day, and no point thereafter.

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