SYLLABUS
Design of Experiments
Statistics 590, Section 01
Spring 2016
Tuesday 6:40–9:30
Hill Center 552

Steve Buyske (Buyske rhymes with “nice key”)
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buyske@stat.rutgers.edu  (Please include “590” in the subject line)
Room 559 Hill Center
Office Hours: Tuesday 5:00–6:00,
Friday 11:00–11:50 (but not Feb 12),
and by arrangement

Text:  
First Course in Design and Analysis of Experiments
by Gary Oehlert, available under the Creative Commons license at
http://www.stat.umn.edu/~gary/Book.html
(A physical copy is on reserve in the Mathematical Sciences Library, Hill Center.)

Course Website:  http://www.stat.rutgers.edu/home/buyske/590/
Sakai Site:  https://sakai.rutgers.edu/portal/site/35120ed5-1fc3-4088-90ed-0af7a791ffdc

We will cover most of the material in Chapters 1–3, 10, 17–19 and parts of Chapters 14–17.

Final Grade Based on the Following
2 Take-Home Quizzes  30%
Mid-Term on March 8  30%
Design Project (details TBA)  10%
Final on May 10, 8–11 pm  30%

The Rutgers University Academic Integrity Policy applies to this course
http://academicintegrity.rutgers.edu/academic-integrity-policy/

Weather-related cancellation: Class will be canceled due to weather only when classes are officially closed
(see http://emergencymanagement.rutgers.edu/Weather.php). However, no one should
feel they must attend class if they personally feel travel conditions are, or may become, unsafe.

Simple SAS programming will be included. There is no expectation of prior SAS experience. SAS can
be accessed either via a Rutgers virtual machine (see http://computing.camden.rutgers.edu/
help:center/unix/uwide-remote-x/) or using SAS University Edition (see http://www.sas.
**Student-Wellness Services:**

Just In Case Web App
http://codu.co/cee05e
Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)
(848) 932-7884
17 Senior Street, New Brunswick, NJ 08901
http://www.rhscaps.rutgers.edu
CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)
(848) 932-1181
3 Bartlett Street, New Brunswick, NJ 08901
http://www.vpva.rutgers.edu
The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services
(848) 445-6800
Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854
https://ods.rutgers.edu/
The Office of Disability Services works with students with a documented disability to determine the eligibility of reasonable accommodations, facilitates and coordinates those accommodations when applicable, and lastly engages with the Rutgers community at large to provide and connect students to appropriate resources.

Scarlet Listeners
(732) 247-5555
http://www.scarletlisteners.com/
Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.