Course: INCM 9102
Instructor: Dr. Jennifer Lewis Priestley – Professor of Statistics
Brandon Mohammed – MS in Applied Statistics GRA
Office: MS 210
Office Hours: M 12:30 – 1:30 (and by appt)
Meeting Time: M 9:30 – 12:15 (EB053)
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Course Text:
Mind On Statistics by Utts and Heckard
Statistical Reference Manual – Priestley (no, I don’t make any money when you buy this as a course pack in the bookstore).

Course Software:
This is an SPSS-based course. You are expected to have a working knowledge of SPSS.

Course Description:
This course will focus on quantitative techniques including descriptive and inferential statistical analyses such as regression, correlation, hypothesis testing, analysis of variance, and sampling techniques. Students will apply these techniques using SPSS.

Learning Outcomes:
Students will receive instruction in the basic methods of statistical analysis as listed in the course description. By the end of the course, students will be able to:

1. Recognize and explain statistical notation, formulas, and concepts.
2. Select, Conduct and interpret statistical tests, including:
   a. Ttests
   b. ANOVA
   c. Two Way ANOVA
   d. Chi Square
   e. Correlation
   f. Regression
   g. Logistic Regression (time permitting)
3. Apply basic statistical techniques to the study of international conflict and conduct quantitative analyses of the data.
4. Interpret advanced statistical techniques applicable to conflict analysis.
5. Explain and defend a research project.
Grading in this course will consist of three HW sets, one midterm and a final exam/project:

**Grading:**
HW (3 problem sets, 10% each) 30%
Midterm 30%
Final Exam 40%

Note that the final exam will require students to obtain a dataset related to their area of research – ideally this will be aligned with their dissertation. In this project, students will demonstrate their mastery of a subset of the skills taught over the course of the semester. Note that I will not provide datasets to complete the final exam. All datasets must be reviewed and approved BEFORE the midterm.

**POLICIES:**
You are expected to attend every class on time. You are responsible for any material you miss due to being late, being absent, or leaving class early.

Please refrain from off-task behavior, such as emailing, texting, and surfing the web. This behavior causes many problems: (a) you will miss out on important information, which will negatively affect your grade; (b) the students sitting around you will be distracted by your behavior (everyone behind you can see your computer screen…); and (c) I get distracted by people doing other things, which isn’t fair to the other students who are here to learn.

Assignments should be turned in at the beginning of class. Please note that I do not accept late assignments. More than 5 minutes after the start of class is late. Let me know if this is not clear.

I encourage collaborative work on the homework sets – the midterm exam and the final exam will be individual work.

PLEASE come talk to me if you are having trouble in any aspect of the class. The material is cumulative – so if you miss a concept early the problem will only be compounded later.

**Academic Integrity Statement:** Every KSU student is responsible for upholding the provisions of the Student Code of Conduct, as published in the Undergraduate and Graduate Catalogs. Section II of the Student Code of Conduct addresses the university’s policy on academic honesty, including provisions regarding plagiarism and cheating, unauthorized access to university materials, misrepresentation/falsification of university records or academic work, malicious removal, retention, or destruction of library materials, malicious/intentional misuse of computer facilities and/or services, and misuse of student identification cards. Incidents of alleged academic misconduct will be handled through the established procedures of the Department of Student Conduct and Academic Integrity (SCAI), which includes either an “informal” resolution by a faculty member, resulting in a grade adjustment, or a formal hearing procedure, which may subject a student to the Code of Conduct’s minimum one semester suspension requirement. See also [http://www.kennesaw.edu/scai/content/ksu-student-code-conduct](http://www.kennesaw.edu/scai/content/ksu-student-code-conduct).
Unauthorized Collaboration: Submission for academic credit of a work product, or a part thereof, represented as its being one's own effort, which has been developed in substantial collaboration with or without assistance from another person or source, is a violation of academic honesty. It is also a violation of academic honesty knowingly to provide such assistance. Collaborative work specifically authorized by a faculty member is allowed. Although I do not expect cheating, plagiarism, or unauthorized collaboration in my classroom, the penalty is an F for the course...AND I will do everything within my power to have you dismissed from the University and the University System of Georgia. And, I will tell your mother.