Stat 432- Statistical Computer Packages and Their Applications: SAS

Summer 2015

Basic Information

- Instructor : Brittney Henegar

- email: britt18@umbc.edu

- Time and location of classes: Stat 432 is a 1-credit 2-week course **from July 6, 2015 to July 31, 2015**, Tuesday-Thursday 6:00pm-9:10pm in ENGR 122.

- Prerequisites: A grade of C or better in Stat 350, Stat 351, Stat 355, Stat 453 or instructor's approval.

- Grading policy: Your grade in this course will be based on your performance in the class and home assignments which you will be doing in this course. Letter grades for the course will be decided using the following:

Score above	90%	80%	65%	50%	otherwise
Letter grade	A	B	C	D	F

- Please note that the syllabus is subject to change by announcement.

Learning Goals

Upon completion of this class you should

- be able to use basic data steps,
- know descriptive statistics procedures,
- know how to create different types of charts,
- know how to use SAS for hypothesis testing and regression analysis,
- be familiar with SAS MACRO features,
- be able to produce presentable SAS output.

List of the Topics Covered

Lecture	Day	Date	Main topic(s)
1	Tu	07/07/2015	SAS Enterprise Guide 5.1
2	Tu	07/14/2015	SAS 9.3 Basic (Introduction to Data Step), Introduction to SAS procedures, Base SAS Procedures, SAS/STAT Procedures
	Tu	07/21/2015	NO CLASS
3	Tu	07/28/2015	SAS 9.3 (Storage bins for collections of values), Introduction to SAS MACROS
4	Th	07/30/2015	Introduction to R

UMBC Academic Integrity Policy

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, the UMBC Integrity webpage www.umbc.edu/integrity, or the Graduate School website www.umbc.edu/gradschool.