SYLLABUS ***** STAT 755***** SPRING 2007

- **Course:** Stat 755: Multivariate Data Analysis (3 credits)

- **Catalog’s description:** Statistical analysis of multivariate data. Multivariate normal and related distributions, multivariate linear regression, canonical correlation analysis, principal components, factor analysis, and discrimination and classification. (Formerly MATH 755; implemented Fall 2003.)

- **Prerequisites:** Math 330, Math 461, Corequisite: STAT 452.

- **Class meetings:** TR 10:00 – 11:15, WRB 3005.

- **Instructor:** Dr. Anna K. Panorska

- **Office:** AB 607; Phone: (775) 784 6548; Email: ania@unr.edu

- **Office hours:** TWR 10 - 11, or by appointment.


- **Course content:** Chapters 1-4, 8-9, 11-12 and selected topics from Chapters 5, 7, and 10.

- **Attendance:** Not required but strongly recommended. **You are responsible for the material presented in class.**

- **Exams:** There will be two tests and a comprehensive final exam.

- **Final exam:** Thursday, May 10, 12 (noon) – 2 pm

- **Homework:** Homework will be assigned regularly and collected every Thursday.

- **Computers:** We will use modern computational tools (Splus statistical package) in this class. The software will be available in the Mathematics Center, AB 610.

- **Grading:** Homework: 20%, Tests: 25% each, Final: 30%.

- **You will be assigned at least an**
  - A if your score is between 90% and 100%;
  - B if your score is between 80% and 89%;
  - C if your score is between 70% and 79%;
  - D if your score is between 60% and 69%;
  - F if your score is below 60%.

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**Disability Statement**

The Department of Mathematics and Statistics is committed to equal opportunity in education for all students, including those with documented physical disabilities or documented learning disabilities. University policy states that it is the responsibility of students with documented disabilities to contact instructors during the first week of each semester to discuss appropriate accommodations to ensure equity in grading, classroom experience and outside assignments. The instructor will meet with the student and staff members of the Student Services Center to formulate a written plan for appropriate accommodations, if required.

**HAVE A GOOD TERM!**