

Laboratory Information for Statistics 296 (Fall 2007)

As noted on the syllabus, this is a course in modern applied nonparametric statistics. To quote from the Preface of the course textbook:

At one time, nonparametric methods were thought of as quick, hand-calculation methods, suitable only for simple designs and small data sets. However, the availability of high-speed computing to carry out time-consuming or difficult computations has enabled nonparametric statistics to come into its own as a field of statistics.

Furthermore, it is noted that:

Statistical software is indispensable for the implementation of modern statistical methods, and the area of nonparametric statistics is no exception.

Therefore, in order to adequately present a modern course on nonparametric statistics, it has been decided to adopt a new, modern text and to integrate the statistical software package SAS into the course. This also aligns STAT 296 with the other 200-level applied methods STAT classes.

The Department of Mathematics & Statistics has a computing laboratory featuring SUN terminals running the UNIX operating system. They all provide access to SAS. Students will be expected to use SAS to complete certain homework problems, and exam questions will require students to be able to analyze SAS output. In order to facilitate the learning of SAS, our department's laboratory instructor will be offering two lab sessions, and will be available for consultation outside of class time. There will also be occasions during which our class meetings occur in the computer lab. (These meetings will be announced in advance.)

The contact information for our lab instructor is as follows:

Laboratory Instructor: Sarah Carnochan Naqvi

Office: College West 307.29

Email: carnoc@math.uregina.ca

Phone: 337-2338

Stat 296 Lab Website: <http://www.math.uregina.ca/~carnoc/stat296/index.html>

Lab Session #1

Students are required to attend ONE of the following:

- Friday, September 7: 11:30-12:20, OR
- Monday, September 10: 14:30-15:20, OR
- Monday, September 10: 17:30-18:20.

Lab Session #2

Students are required to attend ONE of the following:

- Friday, September 14: 11:30-12:20, OR
- Monday, September 17: 14:30-15:20, OR
- Monday, September 17: 17:30-18:20.

Lab Session #1 is intended to provide an overview of the department's computing environment and the SAS programming language. Lab Session #2 is intended to provide specific SAS information necessary for STAT 296.

Exemptions

ALL students are required to attend Lab Session #2. Students who are currently enrolled in either STAT 254 or STAT 257, or who have previously received credit for either course, are not required to attend Lab Session #1. However, such students are still welcome to attend Lab Session #1.