



STATISTICS 890-4
STATISTICS IN SPORT

Summer 2004
DAY COURSE

Instructor: Tim Swartz

Prerequisite:

STAT 450

Textbook:

Not Required

Outline:

The focus of the course is the statistical analysis of problems that arise in sport. We will look at papers that have been successful in this regard. Modelling will play an important role in the course. Techniques such as simulated annealing, Markov chain Monte Carlo, etc. will be introduced as required. Particular topics will include sports gambling, cricket, golf, the hot hand, etc.

Grading Scheme:

Assignments	20%
Project	30%
Final Examination	50%

Students should be aware that they have certain rights to confidentiality concerning the return of course papers and the posting of marks. Please pay careful attention to the options discussed in class at the beginning of the semester. Students are reminded that Academic Honesty is a cornerstone of the acquisition of knowledge. Scholarly integrity is required of all members of the University. Please consult the General Guidelines of the calendar for more details.

Revised March 2004