Syllabus:

1. Background and overview of study designs (case-control, cohort).
2. Measures of disease (rates, risk, hazard, rate standardization)
3. Measures of association (relative risk, odds ratio)
4. Classical methods for $2 \times 2$ tables, combining $2 \times 2$ tables.
5. Matched Case-control Studies.
6. Design issues (sample size, matching)
10. Poisson Regression. (cohort studies)
11. Cox Regression. (cohort studies)
12. Miscellaneous issues.

Grading based on:

1. Homework (computational exercises and data analysis)
2. Midterm exam (In Class, March 17, 2005)
3. Possible final exam