

PSYC 2127 EL 04: Scientific Method and Analysis II  
Winter 2007  
Tuesdays & Thursdays: 2:30-4:00  
Room C204

### Course Outline

**Instructor:** Anna-Liisa Mottonen  
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**Office Hours:** Tuesdays & Thursdays: 1:00-2:00  
**Teaching Assistant:** T.B.A.

**Textbook:** *Essentials of Statistics for the Behavioral Sciences* (5th Edition)  
by Gravetter and Wallnau

Topic	Chapter
Brief Review of STAT 2126	-
Scientific Method, Experimental Designs, Non-Experimental Designs	1
T-Statistic	9
T-Test Independent	10
T-Test Related	11
Estimation, Confidence Intervals	12
ANOVA (Analysis of Variance)	13
Repeated-Measures and 2-Factor ANOVAS	14
Chi-Square: Goodness-of-Fit and Independence	16

**Grade Allocation:** 3 Tests.....60% (20% each)  
Final Exam.....40%

#### Notes:

1. Test dates will be decided upon in class.
2. Calculators should be brought to all tests and to the exam.
3. Please inform the instructor **in advance** if a test must be missed or re-scheduled; do not approach the instructor regarding such issues on the day of the test or after.
4. Students should inform the instructor as soon as possible if they have Special Needs and/or require special accommodations for tests and/or the exam.