## COURSE INFORMATION

Professor:      Dr. M. Gernsbacher
                Office: 445 Straub
                Office Hrs.:  1:00 - 2:00 UH
                              (or by appointment)
                Telephone:  686-4914 or 4912 (message)

Graduate Teaching Fellows: Mark Beeman
                           Office: 324 Straub
                           Office Hrs: 3:30 - 5:00 UH
                           Telephone: 686-4912 ext. 34

                           Rick Heyman
                           Office: 377 Straub
                           Office Hrs: 8:00 - 9:00 MWF
                           Telephone: 686-5561

Required handbook: "Gernsbacher's Handbook for Psychology 303" at Campus Copy Shop (EMU breezeway)

Grading:  Course grades will be based on 9 out-of-class ASSIGNMENTS, 1 in-class MIDTERM EXAM and 1 in-class FINAL EXAM.

        Each of the nine ASSIGNMENTS will be worth 20 points
        The MIDTERM EXAM will be worth 50 points
        The FINAL EXAM will be worth 70 points

Thus, a possible 180 + 50 + 70 or a total of 300 points can be earned.
Of the 300 points, anyone earning:

        A total of 270 to 300 points will receive an   A
        A total of 240 to 269 points will receive a    B
        A total of 210 to 239 points will receive a    C
        A total of 180 to 209 points will receive a    D
        Less than a total 180 points will receive an   F

Based on the actual distribution of final grades, this criterion might be relaxed, but not stiffened.

Late Assignments:  Assignments are due at the beginning of class on the date due. Assignments will be accepted up to 24 hours after the date due, but two points will automatically be subtracted.  NO assignments will be accepted after 24 hours past the due date.  All late assignments must be turned into the Psychology Department office, Straub 131.  The attendants in the office will stamp it with the date and time and place it in one of our mailboxes.  Please do not simply slide the assignment under one of our office's doors.

## Syllabus

| Date | Lecture Topic | Assignment Due | Handbook Section |
|------|---------------|----------------|------------------|
| Tu Sep 27 | Overview of course, Collecting and describing data | | Sect. 1 |
| Th Sep 29 | Forming and testing hypotheses | | 2-1 to 2-16 |
| Tu Oct 4 | Learning how to write concisely | | Sect. 4 |
| Th Oct 6 | Locating published research | 1 | Sects. 3,5,6 |
| Tu Oct 11 | Operationally defining variables and sampling populations | | 2-17 to 2-19 |
| Th Oct 13 | Operationalizing hypotheses | 2 | --- |
| Tu Oct 18 | Measuring hypothetical constructs (Standardized tests) | | --- |
| Th Oct 20 | Evaluating standardized tests (validity and reliabality) | 3 | 2-19 to 2-23 |
| Tu Oct 25 | Interpreting correlation | | Sect. 7 |
| Th Oct 27 | Exploring alternative hypotheses | 4 | 2-23 to 2-25 |
| Tu Nov 1 | Conducting Observarional Research | | --- |
| Th Nov 3 | MIDTERM EXAM (demonstrating what you know so far) | | --- |
| Tu Nov 8 | Exam feedback (re-learning what you didn't know) and Coding observed behavior | 5 | 2-25 to 2-28 |
| Th Nov 10 | Collecting observational data | | --- |
| Tu Nov 15 | Conducting questionnaire research | | --- |
| Th Nov 17 | Conducting interview research | 6 | --- |
| Tu Nov 22 | Constructing questionnaire and interview material | | --- |
| Th Nov 24 | Enjoying Thanksgiving holidays | | --- |
| Tu Nov 29 | Conducting experimental research | 7 | --- |
| Th Dec 1 | Controlling for possible confounds | | Sect. 8 |
| Tu Dec 6 | Talking about your research, Part I | 8 or 9 | --- |
| Th Dec 8 | Talking about your research, Part II | 8 or 9 | --- |
| TH DEC 15 1:00 p.m. | FINAL EXAM (demonstrating all you know) | | --- |