

**Proposed Title:** PSY 2040 - Statistics in Psychology Laboratory

**Credit Hours:** 1

**Proposed Change:** Change prerequisite to Math 1010 and remove requirement for USTU 1050.

**Rationale:** Aligns prerequisites with current requirements of the major.

**Current Catalog Description:** Tutorial and laboratory exercises to help students master use of professional quality computer software to solve statistical problems. Prerequisites: Math ACT subscore of 22 or higher or USTU 1050 or department head approval. Pre- or corequisite: PSY 2010 or department head approval.

**Proposed Catalog Description:** Tutorial and laboratory exercises to help students master use of professional quality computer software to solve statistical problems. Every semester. Required for Psychology majors. Prerequisites: Math ACT subscore of 22 or higher, or MATH 1010 or department head approval. Prerequisite or Corequisite: PSY 2010 or equivalent.

**Sample PSY 2040 Syllabus follows:**

15-083 (c)

**STATISTICS IN PSYCHOLOGY LABORATORY: \*\*\*\*\* , Section \***

**COURSE:** PSY 2040, Section \*, CRN \*\*\*\*\*  
**TITLE:** Statistics in Psychology Laboratory  
**CREDIT:** 1 credit hour  
**CLASS SCHEDULE:** 10:00 – 12:00 pm, Monday  
**CLASS LOCATION:** Holt 302  
**INSTRUCTOR:** \*\*\*\*\*  
**FACULTY:** Dr. Mike Biderman  
**OFFICE PHONE:** 423-425-4268  
**OFFICE LOCATION:** 350 Holt Hall (Psychology)  
**OFFICE HOURS:** Tuesdays from 3:00 – 4:30 pm or by appointment most other days of the week.

**PREREQUISITES AND COREQUISITES:** To be successful in this course, you are required to have a Math ACT subscore of 22 or above, or completed MATH 1010 with a basic understanding of algebra. If you are a psychology major (or if you want to learn how to use one of the most common statistical software programs available, SPSS), you are also required to be enrolled in PSY 2010.

**COURSE DESCRIPTION:** Tutorial and laboratory exercises to help students master use of professional quality computer software to solve statistical problems. Every semester. Required for Psychology majors.

**COURSE LEARNING OUTCOMES:** Upon completion of PSY 2040, students will be able to:

- 1) Apply conceptual understandings of basic statistical principles to real-world situations.
- 2) Apply techniques of descriptive and inferential statistics and basic probability principles to real data.
- 3) Use software packages for data analysis and statistical understanding.

**EVALUATION/ASSESSMENT:**

Grades are based on Attendance and on Homework. Each lab meeting is worth 100 points. Fifty (50) points will be assigned based on attendance and appropriate behavior during the meeting. The remaining 50 points will be assigned based on performance on the homework assignment at end of the chapter covered in a lab meeting.

Grading Scale.

- A: 90-100% of total possible points.
- B: 80-89.99% of total possible points.
- C: 65-79.99% of total possible points.
- D: 50-64.99% of total possible points.
- F: 0 – 49.99% of total possible points.

**Reading:** The PSY 2040 labs meet beginning in the 2<sup>nd</sup> week of the semester. One chapter of the manual will be covered each week.

**Homework Assignments:** If time permits, you may work on homework assignments during the 2-hour class period. If there is not enough time during that 2-hour period, you must arrange to find time and access to computers at some other time. You may have to seek instruction from lab managers to access SPSS in some UTC computer labs. **1 point per school day will be deducted for late submissions up to a week past the original due date. After a week, late homework will not be accepted.**

**CLASS PARTICIPATION/ATTENDANCE POLICY:** One half the total lab grade is based on attendance and appropriate behavior during lab meetings. The department will be as flexible as it can be concerning labs missed for due cause. If you must miss a lab, try to arrange to attend one of the other lab sessions. Have the instructor of that other lab session sign a sheet of paper saying you attended. Give that sheet to your lab instructor to receive attendance credit for the missed lab. There is a limit of two such "replacement" attendances per semester. There is no guarantee that there will be another lab available for you to attend.

**LATE ASSIGNMENT SUBMISSION/MAKE-UP POLICY:** Assignments not submitted on time will earn a failing grade. Late assignments will not be accepted without pre-approval from your instructor.

**REQUIRED TEXTBOOK/RESOURCES:**

Biderman, M. (2012). Psychology 201 Laboratory Manual 4<sup>th</sup> Ed. Available through UTC Bookstore.

**COMMUNICATION:** To enhance student services, the University uses your UTC email address for all communications. Please check your UTC email on a regular basis. If you have problems with accessing your UTC email account, contact the Call Center at 423/425-4000. Course-related communications will also be transmitted via e-mail and through our UTC Learn site; make sure to check both frequently.

**ACCOMMODATION STATEMENT:** If you are a student with a disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) and think that you might need special assistance or a special accommodation in this class or any other class, call the Disability Resource Center (DRC) at 425-4006 or come by the office, 102 Frist Hall.

**COUNSELING CENTER STATEMENT:** If you find that personal problems, career indecision, study and time management difficulties, etc. are adversely impacting your successful progress at UTC, please contact the Counseling and Career Planning Center at 425-4438.

**COURSE SCHEDULE/TOPICAL OUTLINE:** The PSY 2040 labs meet beginning in the 2<sup>nd</sup> week of the semester. One chapter of the manual will be covered each week.

**TEACHING/LEARNING STRATEGIES:** This course is taught with a mix of lecture, presentation, and in-class group demonstration/activities.

**HONOR CODE PLEDGE:** As a student in this course, you are expected to adhere to the following (from the UTC Student Handbook):

*I pledge that I will neither give nor receive unauthorized aid on any test or assignment. I understand that plagiarism constitutes a serious instance of unauthorized aid. I further pledge that I exert every effort to ensure that the Honor Code is upheld by others and that I will actively support the establishment and continuance of a campus-wide climate of honor and integrity.*

Some papers and other written assignments in this class will be submitted through UTC Learn's text-matching software (SafeAssign) for review of originality and intellectual integrity. When you submit these papers online, you agree to have your paper included in the institutional repository of digital papers. If the results of the review indicate academic dishonesty, disciplinary action may be taken against you (the student) as outlined in the UTC Student Handbook.

**COURSE URL:** <http://www.utc.edu/learn> -- use your UTCID and password to access

**COMPUTER REQUIREMENTS:** Internet access, UTC Learn, word processing and spreadsheet software (preferably Microsoft Office software, as it is the most flexible and functional for our purposes in this class).