

SOC 3701 - Social Statistics

Fall 2026 Syllabus, Section A01, CRN 43308,

Credit hours: 3

Instructor

Bahiya Cabral-Johnson

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Public Instructor Information

Instructor Title: Adjunct Instructor

Instructor Professional Qualifications: M.ED, Multicultural Education, Eastern University, 2013; M.A. Sociology, Temple University, 2008; B.S. Economics and History, Bryn Mawr College, 1976

Instructor Office Location: N/A

Instructor Office Phone: N/A

Course Description

3701. Social Statistics. Measurement and interpretation of social data by use of descriptive techniques.

Examines methods of probability theory as a basis for statistical inference, hypothesis testing, correlation, chi-square, and variance analysis. Crosslisted with: ANTH 3701, CRJS 3710. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Statistics: A Tool for Social Research and Data Analysis	Joseph F. Healey, Christopher Donoghue	9780357371107

If you have problems with access to the textbook, please first try to use the YSU Help Desk located in Kilcawley, since it is likely that your access is affected by the computer setup.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Chapters 1 and 2 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Statistics - The Basics	Cengage Assignment 01 Practice: Introduction Cengage Assignment 02 Practice: Tables, Percentages, Ratios and Rates, and Graphs Ungraded Discussion - Student Introductions
8/31	Chapters 3 and 5 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Means of Central Tendency and Variation	Group Project - Proposal Due SPSS Activity 1 Quiz 1: Chapters 1 and 2
9/7	Chapters 6 and 7 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Sampling and Estimation	Cengage Assignment 06 Practice: Introduction to Inferential Statistics: Sampling and the Sampling Distribution Cengage Assignment 07 Practice: Estimation Procedures Group Project - Outline Due Quiz 2: Chapters 3-5



9/14	Chapters 8 and 9 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Hypothesis Testing - 1	SPSS Assignment 2 Mid-term Exam - Chapters 1-7
9/21	Chapters 10 and 11 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Hypothesis Testing (cont.)	Group Project - PowerPoint Due Cengage Assignment 12 Practice: Hypothesis Testing Quiz 3: Chapters 8 and 9
9/28	Chapters 12 and 13 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Bivariate Measures of Association	SPSS Assignment 3 Quiz 4: Chapters 10 - 11
10/5	Chapters 14 and 15 in Statistics: A Tool for Social Research and Data Analysis by Joseph F. Healey, Christopher Donoghue	Multivariate Techniques	Group Project - Final Paper Final Exam: Chapters 1-15

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.