CRJS 3710 - Social Statistics

Fall 2026 Syllabus, Section A03, CRN 41962,

Credit hours: 3

Instructor

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Public Instructor Information

Instructor Title: Professor
Instructor Professional Qualifications:
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Course Description

3710. Social Statistics. Coverage includes purposes of statistics, its importance and role in the field, descriptive, comparison, relational, and explanatory stats, as well as their set-up, creation, interpretation, application, and critique. Coverage will include stats in both normal and non-normal situations. 3 hours of lecture per week. Prereq.: CRJS 1500. Crosslisted with: SOC 3701, ANTH 3701. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Statistical Analysis in Criminal Justice and Criminology	Vito, G. F., Blankenship, M. B., Kunselman, J. C	ISBN 978-1-4786-3784-4

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	Readings: Vito et al., chapters 1 and 2 Video: Why smart statistics are the key to fighting crime Video: Levels of measurement	Intro to Stats	8/26: Discussion: Intro (1st post) 8/26: Quiz: Intro to Statistics 8/30: Terminology & Levels of Measurement 8/30: Exercise: Entering Data (2 parts)
8/31	Vito et al., chap. 3-5, 7 Video: Descriptive statistics for numeric variables Web: How to make a boxplot in Excel Web: How to make a histogram in Excel Video: The normal distribution Video: Confidence intervals	Descriptive Stats for Interval-Ratio Variables	9/2: Quiz and Exercise: Descriptive Statistics for Numeric Variables 9/2: Graphs for Interval-Ratio Variables 9/6: Normal Curve and Statistical Significance 9/6: Ohio Z-score
9/7	Video: How to. . . create a basic Pivot Tab le in Excel Video: Intro to Pivot Tables, charts & dashboards Video: Frequency tables in Excel Reading: Vito et al., chap 3	Descriptive Stats for Categorical Variables	9/9: Exercise: Frequency Tables for Categorical Data 9/9: Exercise: Frequency Tables for Categorical Data 9/13: Exercise: Graphs for Categorical Variables 9/13: Group Project: Contract

9/14	Vito et al., chaps 3, 6, 10 Web: Scatter plot in Excel Video: How to calculate a correlation in Excel Video: How to construct a contingency table using a Pivot Table in Excel	Bivariate Relationships I	9/16: Exercise: Scatterplots and Timeline Groups 9/16: Exercise: Scatterplots and Pearson's r 9/20: Quiz: Contingency Tables 9/20: Exercise: Contingency Tables
9/21	Vito et al, chap. 8, 9 Video: Independent sample t-test in Excel Web: Effect size calculator Video: Excel – one-way ANOVA Analysis Toolpak Video: An introduction to the general linear model	Bivariate Relationships II	9/23: Two-Sample T-Tests 9/23: One-Way (Single Factor) ANOVA 9/23: Two-Sample T-Tests 9/27: One-Way (Single Factor) ANOVA 9/27: Group Project: First Schedule Contact Point
9/28	Vito et al., chap. 11 Video: Regression analysis on Excel Video: ANCOVA models in Excel Video: SoftTech tutorials	OLS Regression	9/30: Exercise: OLS Regression 10/4: Exercise: Multiple Regression and ANCOVA Models 10/4: Group Project: Second Contact Point
10/5	Video: Binary logistic regression in Microsoft Excel using XLMiner	Logistic Regression and Group Project	10/7: Binary Logistic Regression 10/7: Reflection 10/10: Group Project: Final Submission

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.