

Bemidji State University

CRJS 3201: Research Methods and Statistics for Criminal Justice

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

An introduction to the framing and addressing of research questions within a criminal justice context. Students will be exposed to descriptive, explanatory, and exploratory research designs and the application of appropriate quantitative analytic techniques to those research designs. Prerequisites: CRJS 1120 or consent of instructor.

B. COURSE EFFECTIVE DATES: 08/22/2016 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Central Tendency
2. Content Analysis
3. Continuous & Discrete Values
4. Descriptive & Inferential Statistics
5. Exiting Analysis
6. Inductive & Deductive Reasoning
7. Influence of Language
8. Mean, Median, & Mode
9. Physical Evidence
10. Range, Average Deviation, Variance, & Standard Deviation
11. Secondary Analysis
12. Survey
13. Validity & Reliability
14. Z Scores

D. LEARNING OUTCOMES (General)

1. apply both self-addressed questionnaires and interviews to practical research situations.
2. compute and interpret a confidence interval and specifically its purpose, procedure, and practicality.
3. compute and interpret ordinary least squares regression.
4. compute and interpret frequency distributions and cross tabulations.
5. distinguish between basic and applied research in a criminal justice setting.
6. apply the linkages between theory, methods, and research to abstract situations.
7. apply observation research techniques in practical research situations.
8. apply levels of measurement to data.
9. apply basic sampling terms and concepts to practical research situations.
10. apply concepts and variables to practical research problems.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted