A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

Students will learn the theory and practice of quantitative political analysis through the completion of original research projects.
Prerequisites: POL 3240.

B. COURSE EFFECTIVE DATES: 01/12/2015 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Correlation & Linear Regression
2. Doing Your Own Political Analysis
3. Dummy Variables & interaction Effects
4. Foundations of Statistical Inference
5. Making Controlled Comparisons
6. Measuring & Describing Variables
7. Proposing Explanations, Framing Hypotheses, & Making Comparisons
8. Research Design & the Logic of Control
9. SPSS
10. Tests of Significance & Measures of Association
11. The Definition & Measurement of Concepts
12. Thinking Empirically & Probabilistically

D. LEARNING OUTCOMES (General)

1. understand the scientific approach to politics.
2. increase familiarity with the ideas of how professionals and academics review literature and present research.
3. build confidence in analytical techniques and general intellectual abilities.
4. gain practice in empirical analysis on questions of policy and politics.
5. improve writing and speaking abilities.
6. be familiarize SPSS

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

None
F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted