

# Minnesota State University Moorhead

## SLHS 491: Research Applications in SLHS

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites:

- MATH 232 - Applied Statistics

Corequisites: None

MnTC Goals: None

The study and application of research principles and methods in speech-language and hearing sciences. Students may, with departmental permission, substitute another statistics course for the listed prerequisite.

**B. COURSE EFFECTIVE DATES:** 08/27/2007 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. What is research?
2. Research problems, intents, and questions
3. Ethics and the IRB
4. The role of the literature review in qualitative and quantitative research
5. Qualitative methods, data collection, analysis, and reporting
6. Quantitative methods, data collection, analysis, and reporting

### D. LEARNING OUTCOMES (General)

1. Students will differentiate research from non-research.
2. Students will define components of research.
3. Students will demonstrate understanding of ethical principles of research
4. Students will differentiate between qualitative and quantitative research designs.
5. Students will contrast well-designed research from that which is poorly designed.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted