ENVR 6400: Research and Project Design

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

Advanced learning in research and project design as it applies to qualitative and quantitative research, sampling and data collection methods, experimental vs. non-experimental procedures, and various statistical methods for data analysis.

B. COURSE EFFECTIVE DATES: 08/15/2020 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Project planning
2. Research design
3. Project design
4. Environmental problem solving
5. Proposal writing

D. LEARNING OUTCOMES (General)

1. demonstrate knowledge and application of basic research methods.
2. learn to apply basic fundamentals of project design and planning.
3. design a draft proposal as deliverables being a major written assignment and a professional presentation.
4. critique draft proposals of other students in class.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted