ENVR 4260: Risk, Resilience and Sustainable Community Development

A. COURSE DESCRIPTION

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

We are experiencing dramatic, rapid, unexpected environmental changes due to human caused global climate change, stresses on natural resources as well as our ability to manage our waste generation. In this course, we will explore risk and resilience from a community development perspective. How can we work together in community to survive disruption and anticipate, adapt, and flourish in the face of change. Using Bemidji State University and the greater Bemidji area as a case study we will explore key quantitative as well as qualitative indicators of resilience such as energy, housing, transportation, water, materials & waste, health & wellness, and economic opportunity. Students will be asked to produce quantitative and qualitative assessments of the resilience in our BSU-Bemidji community and actively engage with citizens and working professionals to advance suggestions on how to strengthen our campus and community's resilience. Prerequisite(s): ENVR 2000 or consent of instructor

B. COURSE EFFECTIVE DATES: 01/09/2022 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Regional climate disruption
2. Risk assessment and risk transference
3. Carbon mitigation and adaptation
4. Community resilience
5. Appreciative inquiry and community development planning

D. LEARNING OUTCOMES (General)

1. Discuss the concept of resilience and summarize what it means for individuals and communities in the era of climate disruption.
3. Record key voices in the greater Bemidji area and compare and contrast their narratives on what it means to be resilient as well as actively build community resilience.
4. Create a qualitative and quantitative assessment of resilience at BSU and/or in the greater Bemidji area and propose a collaborative project that would strengthen campus/community resilience

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus
G. SPECIAL INFORMATION

None noted