

# Minnesota State University Moorhead

## GEOS 321: Sustainable Transportation

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 09 - Ethical/Civic Resp

Human nature is characterized in part with wanderlust, migratory urges, trade and commerce, and just wanting to see what is over the next hill in our exploring our environment. This course begins with a survey of all transportation types and modes, how they developed, and how and why we have arrived at the particular situation we find transportation and accessibility to exist in our world. We also analyze how transportation is or is not sustainable in the contexts of environment and the ethics of accessibility. MnTC Goal 9

**B. COURSE EFFECTIVE DATES:** 01/31/2020 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Geography of Transportation and logistics
2. Environmental and Economic processes in Geography
3. Global integration of Transportation
4. Dynamic systems
5. The nature of Sustainable practices

### D. LEARNING OUTCOMES (General)

1. Understand transport systems and the ethical nature of accessibility.
2. Analyze the sustainability of transport from political, environmental, and social standpoints.
3. Understand your own interests in transportation and that of others.
4. Identify how providing for transportation is part of citizenship.

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

Goal 09 - Ethical/Civic Resp

1. Understand and apply core concepts (e.g. politics, rights and obligations, justice, liberty) to specific issues.
2. Analyze and reflect on the ethical dimensions of legal, social, and scientific issues.
3. Recognize the diversity of political motivations and interests of others.
4. Identify ways to exercise the rights and responsibilities of citizenship.

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted