

# Minnesota State College Southeast

## GEOG 1210: Physical Geography

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 05 - Hist/Soc/Behav Sci, Goal 10 - People/Environment

An introduction to the significance and aerial distribution of various physical elements of our environment with emphasis on climate, landforms, gradational work of streams, glaciations, and earth-time relationships and their relevance to people and land development. (MnTC goals 5 & 10) (Prerequisite: none) (3 credits: 3 lecture/0 lab)

### B. COURSE EFFECTIVE DATES: 07/20/2016 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Basic understanding of geography and maps
2. Basic understanding of weather and climate
3. Basic understanding of landform development
4. Basic understanding of environmental issues and the relationship between humans and their environment

### D. LEARNING OUTCOMES (General)

1. Students will know and understand the basics of landform development, gradation processes, and the fundamentals involved in the glaciation process
2. Students will know and understand the basics of the weather system and climatology
3. Students will know and understand basic mapping and cartographic terms and principles
4. Students will learn to differentiate the various weather patterns and how they fit together within a scheme of climates
5. Students will have a basic understanding of the formation of the Earth, and how these processes are occurring today
6. Students will know and understand basic spatial-temporal concepts, and how they apply to physical geography
7. Students will know and understand how physical features affect land development, and how this in turn affects human culture and human development
8. Students will know and understand how humans affect and are affected by different climates
9. Students will know and understand environmental issues surrounding human land use, transportation and human settlement patterns
10. Students will describe and analyze modern human economies, contemporary land-use patterns and public policy, and their impact on natural resources management and environmental preservation
11. Students will further develop their critical thinking, analytical, and communication skills to assist them in dealing with an ever-changing world

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

### Goal 05 - Hist/Soc/Behav Sci

1. Examine social institutions and processes across a range of historical periods and cultures.
2. Use and critique alternative explanatory systems or theories.
3. Develop and communicate alternative explanations or solutions for contemporary social issues.

### Goal 10 - People/Environment

1. Discern patterns and interrelationships of bio-physical and socio-cultural systems.
2. Describe the basic institutional arrangements (social, legal, political, economic, religious) that are evolving to deal with environmental and natural resource challenges.
3. Propose and assess alternative solutions to environmental problems.
4. Articulate and defend the actions they would take on various environmental issues.

## **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

## **G. SPECIAL INFORMATION**

This course was previously GEOG 2510.