

OSS006 – PHYSICAL GEOGRAPHY

Credit Hours: 3-5 Semester Hours
Pre-Requisite: None
Related TAG: Geography
General Course Description: This course serves as an introduction to the basic concepts and processes associated with the study of physical geography. Students will become familiar with the primary elements associated with physical geography to include the Earth's global energy balance, atmospheric and oceanic circulation, weather systems and climates, plate tectonics, landform formation and classification, weathering and erosion processes, soil formation, and global environment change. Students should also be able to use maps/geo-technologies to explain geographic phenomena and patterns.
A minimum of 70% of the following Student Learning Outcomes must be met.
1. Understand Earth-Sun relationships and their connection to latitude and longitude.
2. Understand the processors responsible for the evolution of surface landscapes.
3. Identify the general weather patterns that exist around the globe and understand the processes associated with these patterns.
4. Identify general climate zones and soil profiles.
5. Explain how variations in climate relate to global distributions of plants and animals.
6. Identify glacial, fluvial, coastal landscapes, and the processes associated with them.
7. Identify components associated with weather and atmospheric processes such as cloud types, precipitation, pressure, and wind.
8. Understand global environmental change and factors responsible for it.
9. Use maps/geo-technologies to explain geographic phenomena and patterns.

**GEOGRAPHY TAG: PHYSICAL GEOGRAPHY TAG COURSE
FACULTY PARTICIPANTS**

February-October 2016

Name	Institution
Eric Neubauer (Lead)	Columbus State Community College
Yu Zhou	Bowling Green State University
Brian Mikelbank	Cleveland State University
Mark Guizlo	Lakeland Community College
Mo Khani	Sinclair College
Kevin Czajkowski	The University of Toledo
Richard Beck	University of Cincinnati