

COURSE CODE: GIE-100
COURSE NAME: Geography
CREDIT HOURS: Theory = 3 Practical = 0 Total = 3
CONTACT HOURS: Theory = 48 Practical = 0 Total = 48
PREREQUISITE: None
MODE OF TEACHING: Three hours of lecture per week

Course Description:

GIS is an innovation in Geography. Historically, it has been collectively referred to as a spatial as well as cartographic science by Hartshorne and like. It is through this course that we plan to introduce students to the close connection between spatial entities on earth and GIS and Remote Sensing catering to our need of mapping them.

TOPICS COVERED:

Week	Topic
1	Geography
2	Neo-geography, digital cartography and GIS
3	Earth's rotation and insolation
4	Global energy balance
5	Air, temperature, and global circulation
6	Moisture and precipitation
7	Weather systems and global climate
8	Biogeography
9	Mid Semester Exam
10	Global warning and environmental sustainability
11	Geography of South Asia
12	Landscape and people of South Asia
13	Global economy

14	World population
15	Factors affecting population distribution
16	Relationship between man and his environment
17	Relationship between man and his environment
18	End Semester Exam

Text and Material:

1. Fundamentals of Human Geography by Cheung, 2023
2. Physical Geography - Version 1 Jeremy Patrich, College of the Canyons Trudi Radtke, 2020
3. Dahlman, Carl T., William H. Renwick, and Edward F. Bergman. Introduction to Geography: People, Places, and Environment. Prentice Hall.

ASSESSMENT SYSTEM:

Theoretical/Instruction	100%
Assignments	10%
Quizzes	15%
Mid Semester Exam	25%
End Semester Exam	50%

Practical Work	0%
Lab Attendance	0%
Lab Report	0%
Lab Quiz	0%
Lab Rubrics	0%