Course Number and Name  
GGYE 301  Cartography

Intended Learning Outcomes  
At the end of this course the students will be able to produce different types of maps, critically analyze the maps and aerial photographs, analyze and interpret socio-economic and physical data and display competency in using modern/advanced techniques that are used in Remote Sensing, GIS and GPS.

Course Contents  
Introduction to cartography, maps and cartographic techniques: spatial concepts and geographical/spatial features of maps, reading physical features and extracting features, interpretation of features, quantitative analysis of drainage and road networks, spatial analysis of land use and elevation using different cartographic techniques. Aerial Photographs: reading extracting and extracting features, interpretation and analysis aerial photograph, weather maps: usefulness of weather maps in geography, techniques in drawing weather maps, interpretation and analysis of weather maps, modern weather forecasting techniques, statistical cartography, Geographical Information Systems (GIS) and future of cartography.

Assessment Strategy  
i. Time of Assessment  - End of the Year  
ii. Assessment Method  - Written & practical examinations and project presentation  
iii. Assigned Percentage for each Component – 100%

Recommended References  