

Geography CAPE UNIT II Mapwork Syllabus

Map work topics for CAPE UNIT II (**this section test geographical skills and not necessarily map work**)

1 single session per week

Module 1.

- Draw a sketch from a synoptic chart (enlarge or reduce map)
- Describe pressure variation across a map extract
- Describe synoptic charts (describe weather conditions associated with weather systems)
- Draw and interpret weather symbols
- Draw isolines
- Discuss the advantages and disadvantages of using isolines
- Account for temperature variations on isoline diagrams
- Interpret thermo graphs
- Describe the distribution of natural vegetation on a map extract
- Account for natural vegetation distribution
- Using a topographic map assess how soil type and horizon may differ/develop based on the characteristics of the area
- Using the topographic map describe the influence of relief on soil development
- Describe how line transects and quadrats are used
- Students should be able to describe how soil composition is examined.

Module 2

- Describe the distribution of cultivated vegetation on the map extract
- Account for the distribution of cultivated vegetation on a map extract
- Identify types of economic activity on a map and give examples from the map
- Account for economic activities on a map
- Identify activities that can be expanded on a map using map evidence to show how the factors present would encourage expansion.

Module 3

- a. **Statistical test**
 - Spearman's rank correlation coefficient
 - Standard deviation
 - Interquartile range
- b. Describe disparities in development on the map extract
- c. Account for development of an area using a topographic map
- d. Using a topographic map identify constraints for development on the map extract
- e. Assess topographic maps and make regional development plans appropriate for the area.