

# GSSM COURSES

## **2-YEAR CERTIFICATE IN LAND SURVEYING AND MAPPING**

### LEVEL 100 1<sup>ST</sup> SEMESTER

1. MATHEMATICS I (MAT 101)
2. ENGLISH (ENG 101)
3. ELEMENTS OF SURVEYING I (SUV 101)
4. ELEMENTS OF PHOTOGRAMMETRY I (PHT 101)
5. ELEMENTS OF CARTOGRAPHY (CAT 101)
6. PHYSICS I (PHY 101)
7. AFRICAN STUDIES (AFS 101)
8. SURVEY PRACTICALS (SURP 101)

### LEVEL 100 2<sup>ND</sup> SEMESTER

1. ELEMENTS OF SURVEYING II (SUV 102)
2. PHOTO ORIENTATION
3. PHYSICS II (PHY 102)
4. ENGLISH II (ENG 102)
5. REMOTE SENSING
6. MATHEMATICS II (MAT 102)
7. SURVEY PRACTICALS (SUVP 102)
8. TOPO CARTOGRAPHY II
9. SURVEY COMPUTATION I (SUV COMP 102)
10. FIELD ASTRONOMY

### LEVEL 200 1<sup>ST</sup> SEMESTER

1. MATRICES (MATH 201)
2. CADASTRAL SURVEYING I (CDS 201)
3. INTRO. TO COMPUTER I (CSC 201)
4. SURVEY COMPUTATION II (SUV COMP 201)
5. DIGITAL IMAGE PROCESSING I (DIP 201)
6. PHOTOLITHOGRAPHY (PHTL 201)
7. CARTOGRAPHIC DRAUGHTMANSHIP (CTD 201)
8. AEROTRIANGULATION (
9. SURVEY PRACTICAL (SUVP 201)

### LEVEL 200 2<sup>ND</sup> SEMESTER LEVEL 200C

1. PHOTO-PRODUCTION
2. CADASTRAL SURVEYING II (CDS 202)
3. INTRO. TO COMPUTER II (CSC 202)
4. STATISTICS I (STA 202)
5. DIGITAL IMAGE PROCESSING II (DIP 202)
6. TOPO CARTOGRAPHY II
7. SURVEY PRACTICALS (SUVP 202)
8. ENGINEERING SURVEYING I (ENS 201)
9. HYDROGRAPHIC SURVEYING (HYD 202)
10. TOWN AND COUNTRY PLANNING
11. INTRO. TO DIGITAL MAPPING (GIS) I (DMGIS 202)