THE OPEN UNIVERSITY OF TANZANIA
OPEN UNIVERSITY CONSULTANCY BUREAU
GIS TRAINING
DAR ES SALAAM: 3rd – 7th February 2020
TIME: 08:00AM – 04:00PM

Overview

Geographical Information Systems (GIS) is considered as the fastest growing disciplines in the present world.GIS is a computer system designed to capture, store, manipulate, analyze, manage, and present a variety of spatial and geographical data. Geographic Information Systems are powerful decision-making tools for any business or industry since it allows the analyzation of environmental, demographic, and topographic data. Data intelligence compiled from GIS applications help companies and various industries, and consumers, make informed decisions. This training workshop intent to facilitate organizations and individual to effectively utilize GIS in their operation for better planning and decision making.

Application of GIS

Most of the time GIS (Geographic Information System) is used to create maps and to print, some of the applications and uses include M&E, in Health sector, Water Sanitation & hygiene, Transport Plans, Environmental Impact Analysis, Environmental resource Management, Natural resources Management, Solutions in Banking Sector, Mapping, Telephone/Network services, Road Safety Analysis, Urban Growth, Transport, Agriculture, Managing Disasters, Land Information, Surveying, Geology, and Assets Management, Planning and Community Development, Dairy Industry, Tourism, Irrigation management, Earthquakes, Pest Control, Utilisation of Space, Business, Location Identification, Coastal Management, Crime, Cables and Wildlife Management:

Learning outcome:

✓ Become proficient in the use of GIS tools to conduct spatial analyses, troubleshooting problems in GIS and build maps that are fit for purpose and effectively convey the information they are intended to.
✓ Become competent in preparation of Geodata base and use of data.
✓ Become effective in building maps that can be shared with non-GIS users (e.g. PDFmaps and interactive web GIS maps)
✓ To become competent in generating GIS project report

Module 1:
- Introduction to Geographic Information system(GIS)
- Understanding data (Raster and Vector)
- Viewing and modifying meta-data
- Geo-database, projection and coordinate system
- GIS- Data analysis

Module 2:
- Introduction to Global Positioning system (GPS)
- GPS data cleaning
- Linking GPS data and GIS

Module 3:
- Image Processing
- GIS – Data analysis
- Map Production

Module 4:
- Layout design
- GIS reporting, Sharing a map, export and printing

Pre-Requisites
Basic Computer Skills, Ability to create copy & Move files

COURSE FEE 800,000TSH

It covers certificate, health -break, lunch, GIS Software and training material

All payment should be done: National Bank of Commerce
The Open University of Consultancy Bureau
TSH: AC No: 011103033713
FOR MORE DETAILS CONTACT

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+255753000102*

REGISTER NOW

ONLY 40SEATS AVAILABLE

Please confirm before 31/01/2020

THE OPEN UNIVERSITY OF TANZANIA (OUT)

APPLICATION FORM

Geographical Information System (GIS) Training

APPLICATION FORM

Applicant Category:

Director	☐
Manager	☐
Coordinator	☐
Supervisor	☐
Team leader	☐
Other staff	☐ _____

NAME OF THE AGENCY :_____

1.   PERSONAL DATA

Family name (surname)	Date of birth		
	Day	Month	Year
First Name	Gender: Male / Female		

2.   COMMUNICATION AND MAILING ADDRESS

Applicant's Address:	Applicant's Postal / Home Address:
	Mobile: Email:

Person to be contacted in case of emergency

Name: Mobile   Email:

Please fill the Application form before 31ST January, 2020 and submit to:
ocb@out.ac.tz
For more details contact us:
Mobile: +255753000102 or +255762002919