

OAKAR SERVICES

TRAININGS SCHEDULE 2019

No.	Course Name	No. of Days	Amount (KSh)	Date	Venue	Course Description
1.	GIS for Monitoring and Evaluation	4	75,000	11 th – 14 th March 2019	Naivasha	This 4-day course is designed primarily for project managers, M&E officers, Project teams and researchers working for Government, Non-Governmental Organizations and Consultancy firms. The training focuses on application of GIS to link, monitor and evaluate the activities of specific projects in an effort to document positive outcomes, increase sustainability and develop effective solutions to problems discovered.
2.	Digitizing and Setting up a Geodatabase	3	70,000	18 th – 20 th March, 2019	Kisumu	This 3-day course is designed for GIS Professionals with interest in spatial data capture and management. During the training, participants will learn how to perform common GIS tasks and workflows such as creating and managing geographic data, data display and symbolization, and simple data analysis to discover patterns and relationships.
3.	Fundamentals of Satellite Image processing	4	75,000	8 th – 11 th April 2019	Naivasha	This 4-day course is intended for GIS and Remote Sensing professionals with an interest in image processing and analysis. The course provides a hands-on experience on Image –preprocessing, Image Subsetting, Mosaicking and analysis to provide objective information necessary for managing and monitoring natural resources.

4.	Publishing and Dissemination of Geospatial Content	3	70,000	8 th – 11 th April 2019.	Kisumu	This 3-day course provides foundation to GIS Professionals on publishing maps and GIS data through web mapping applications. Participants shall learn how to prepare geospatial data, publish the data over the internet as a web service and build sophisticated web GIS applications for consuming services and maps.
5.	Geo-intelligence Using SMART M.Apps	3	65,000	6 th – 8 th May 2019	Naivasha	This 3-day course explores Geo-Intelligence as means of moving beyond the realms of traditional GIS to incorporate the unique process of a specialized skill. The course shall offer the unique cognitive process, that applies location insights and activity based intelligence for a decision advantage using Smart M.Apps, to build Spatial driven analytics with the aim of obtaining actionable information.
6.	Fundamentals of IMAGINE Photogrammetry	4	80,000	13 th – 16 th May 2019	Mombasa	In this 4-day intermediate, application-oriented course, participants will learn the tools and functionality necessary to complete a desktop mapping project, using Imagine Photogrammetry (formerly LPS). Instructors will explain how to triangulate a block of images, extract elevation data, and create ortho-rectified imagery. Data sources used include conventional aerial photographic frames and high-resolution imagery.
7.	Radar Data Processing Using Remote Sensing Technology	5	90,000	3 rd – 7 th June 2019	Kisumu	This 5-day course is designed for experienced GIS and Remote Sensing users with an interest in data analysis for mining applications. The course explores on the principles of magnetics and magnetic data processing techniques, radiometrics and limitations of mapping

						surface geology with radiometric data and explains basic techniques for integrating satellite, radiometrics, magnetics and vector datasets relevant in mineral exploration.
8.	Automatic Feature Extraction on Satellite Imagery Using ERDAS Imagine Extensions	3	70,000	5 th – 7 th June 2019	Mombasa	This 3-day course focuses on enhancing the knowledge and skills of the participants through practical examples with a view of developing a clear understanding and subsequent use of ERDAS IMAGINE Extensions such as: DeltaCue; VirtualGIS; AutoSync; Sub-Pixel Classifier; Objective, and Easytrace
9.	Digitizing and Setting up a Geodatabase	3	65,000	8 th – 10 th July, 2019.	Naivasha	This 3-day course is designed for GIS Professionals with interest in spatial data capture and management. During the training, participants will learn how to perform common GIS tasks and workflows such as creating and managing geographic data, data display and symbolization, and simple data analysis to discover patterns and relationships.
10.	Land Use and Cover Change Modelling Using ERDAS Imagine	3	70,000	15 th – 17 th July 2019.	Kisumu	This 3-Day course aims at engaging participants on the use of Geographic Information System (GIS) and Remote Sensing for visualization and analysis of LULC changes. Land Use/Land Cover mapping plays a crucial role in managing and monitoring environmental changes. The growing population and increasing socio-economic necessities creates a pressure on land use/land cover, resulting in uncontrolled changes. Therefore making data on LULC a critical input to decision-making. Over the past years, data from Earth sensing satellites have

						become indispensable in providing timely and accurate information on the spatial distribution of resources.
11.	Drone Data Processing	2	55,000	5 th – 6 th August 2019	Naivasha	This 3-day course is intended for organizations interested in processing imagery obtained from UAV. The training takes the participants through the process of automatically deriving high-quality geo-information from the UAV data as well as minimizing UAV data footprints using ECW compression.
12.	Surveying Using GPS/GNSS/CORS	3	65,000	7 th – 9 th August 2019	Naivasha	This 3-day course is designed for Surveying professionals involved in Land and Engineering surveys. The training focuses on hands on experience with various GNSS units where participants learn how to setup and configure GNSS for both Static and RTK Operations. Practical exercises will focus on staking out, making measurements, working with coordinate systems, datums and Geoids as well as best Surveying practices
13.	Surveying Using GPS/GNSS/CORS	3	70,000	2 nd – 4 th September 2019	Kisumu	This 3-day course is designed for Surveying professionals involved in Land and Engineering surveys. The training focuses on hands on experience with various GNSS units where participants learn how to setup and configure GNSS for both Static and RTK Operations. Practical exercises will focus on staking out, making measurements, working with coordinate systems, datums and Geoids as well as best Surveying practices
14.	GIS for Monitoring and Evaluation	4	80,000	9 th – 12 th September 2019.	Mombasa	This 4-day course is designed primarily for project managers, M&E officers, Project teams and researchers working for Government, Non-Governmental Organizations and Consultancy firms. The training focuses on application of GIS to link, monitor and

						evaluate the activities of specific projects in an effort to document positive outcomes, increase sustainability and develop effective solutions to problems discovered.
15.	Publishing and Dissemination of Geospatial Content	3	65,000	7 th – 9 th October 2019.	Naivasha	This 3-day course provides foundation to GIS Professionals on publishing maps and GIS data through web mapping applications. Participants shall learn how to prepare geospatial data, publish the data over the internet as a web service and build sophisticated web GIS applications for consuming services and maps.
16.	Digitizing and Setting up a Geodatabase	3	65,000	14 th – 16 th October 2019.	Naivasha	This 3-day course is designed for GIS Professionals with interest in spatial data capture and management. During the training, participants will learn how to perform common GIS tasks and workflows such as creating and managing geographic data, data display and symbolization, and simple data analysis to discover patterns and relationships.
17.	Geo-intelligence Using SMART M.Apps	3	70,000	4 th – 6 th November 2019	Mombasa	This 3-day course explores Geo-Intelligence as means of moving beyond the realms of traditional GIS to incorporate the unique process of a specialized skill. The course shall offer the unique cognitive process, that applies location insights and activity based intelligence for a decision advantage using Smart M.Apps, to build Spatial driven analytics with the aim of obtaining actionable information.

18.	Surveying Using GPS/GNSS/CORS	3	65,000	6 th – 8 th November 2019	Naivasha	This 3-day course is designed for Surveying professionals involved in Land and Engineering surveys. The training focuses on hands on experience with various GNSS units where participants learn how to setup and configure GNSS for both Static and RTK Operations. Practical exercises will focus on staking out, making measurements, working with coordinate systems, datums and Geoids as well as best Surveying practices
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Notes:

- **Classes run from Mon-Fri 9.00am - 5.00 pm.**
- **Price is inclusive of 16% VAT.**
- Lunch and refreshments will be provided at the training venue.
- All course materials consisting of a notebook, pens and training data used for the duration of the training will be provided.
- Students completing the training course will receive a certificate.
- Laptop with at least 4GB of RAM above 2.0 GHz Processor; Windows Operating System (OS) 64 bit is required.
- **Hotel accommodation:** Students are responsible for making arrangements for their accommodation for the duration of the training; however, they may contact training@osl.co.ke for any assistance on hotel booking and reservation.
- **Transport:** Transportation to the training site is the student's responsibility. Students need to ensure that they attend the training sessions in time.

For more information contact: **Mercy on** marketing@osl.co.ke or **give us a call** on 254-20-2718321/2715276 or 0708-895644/0733-448255