National Mapping and Resource Information Authority
Lawton Avenue, Fort Bonifacio, Taguig City

NAMRIA Geomatics Training Center

ISO 9001:2015
CERTIFICATION INTERNATIONAL
ISO 9001:2015
CERTIFIED FOR MAPPING AND GEOSPATIAL INFORMATION MANAGEMENT

INVESTORS IN PEOPLE™
We invest in people Silver

NAMRIA Geomatics Training Center

NAMRIA, through its Geomatics Training Center (GTC), offers regular trainings in Geographic Information System (GIS) and allied fields. The trainings are conducted either in NAMRIA (onsite) or in the client's preferred venue (offsite). They can be held either in-person or online.

The NAMRIA GTC is accredited by the Civil Service Commission (CSC) and the Professional Regulation Commission (PRC) through the Continuing Professional Development (CPD).

GEOGRAPHIC INFORMATION SYSTEM (GIS)

GIS is a system for capturing, storing, checking, integrating, manipulating, and analyzing data related to positions on the Earth's surface. There are three (3) trainings in GIS. They are Basic GIS, Advanced GIS, and GIS for Executives. Basic GIS and Advanced GIS provide participants with additional tools for many applications such as government, urban, and regional planning, surveying, utilities, public health, public works, and emergency and disaster management.

Basic GIS

Code	Pre-requisite	Duration	Training Fee
GIS-01	Basic computer operations	40 hours	Online: Php 5,000 Onsite: Php 7,500

This training covers map basics, overview of GIS, software use, data management, and map layout creation. At the end of the training, the participants are expected to be able to use the fundamental functions of GIS ranging from converting data into GIS format to creating simple map layers and producing a simple map layout.

GIS for Executives

Code	Pre-requisite	Duration	Training Fee
GIS-02	Basic computer operations	Four hours	Online: Php 1,500 Onsite: Php 1,500

The course gives an overview of GIS for executives who are planning to use GIS in their organizations. It focuses on GIS main components and functions, corresponding applications, and a demonstration of the operating system. A tour of GIS facilities is part of the course.

Advanced GIS

Code	Pre-requisite	Duration	Training Fee
GIS-03	Basic GIS taken at the GTC or passed the GTC assesment on basic GIS	40 hours	Online: Php 5,000 Onsite: Php 7,500

The advanced training is for GIS users who want to get the most out of their GIS applications. At the end of the training, the participants are able to use the advanced features of GIS in developing spatial-based applications; and prepare and present a simple GIS project plan.

HYDROGRAPHY

Hydrography deals with the measurement and description of the physical features of oceans, seas, coastal areas, lakes and rivers, the prediction of their change over time, for the primary purpose of safety of navigation and in support of all other marine activities, including economic development, security and defence, scientific research, and environmental protection (source: https://iho.int/en/importance-of-hydrography).

The Hydrography training is offered in two (2) modules. The training is designed for engineers, geologists, surveyors, and other individuals who require the understanding and application of the fundamentals of hydrographic surveying and the use of hydrographic survey software.

Basic Hydrography (Module 1)

Code	Pre-requisite	Duration	Training Fee
HB-01	• Basic computer operations • Background or de-gree in engineering and/or science	40 hours	Online: Php 5,000 Onsite: Php 7,500

Module 1 covers basic knowledge, skills, and systems in hydrographic science and survey. The participants are expected to build the knowledge base needed to engage in hydrography; and become familiar with the software used in hydrographic survey.

Basic Hydrography (Module 2)

Code	Pre-requisites	Duration	Training Fee
HB-02	Basic Hydrography (Module 1)	40 hours	Onsite: Php 7,500

Module 2 utilizes a largely hands-on training approach. The participants will apply the principles learned in Module 1 through practical planning and execution of hydrographic surveys, data acquisition, data processing, and visualization.

Unmanned Aerial Vehicle (UAV) Mapping for GIS

Code	Pre-requisite	Duration	Training Fee
UAV-01	Basic GIS taken at the GTC or passed the GTC assesment on basic GIS	40 hours	Onsite: Php 7,500

The training covers how UAVs are used in map production, UAV operation and image acquisition, post-processing of acquired images, and overlay images in GIS as source for updating maps.

Global Navigation Satellite System (GNSS) and PAGeNet

Code	Pre-requisite	Duration	Training Fee
GN-01	• Basic computer operations • Surveying priciples	40 hours	Onsite: Php 7,500

The training covers GNSS technology, survey, data processing and adjustment using applicable software; and the importance and use of the continuously operating reference stations (CORS) of the PAGeNet in survey activities. At the end of the training, the participants are expected to be able to implement GNSS surveys and handle data; and use and connect to the PAGeNet.

TRAINING PROGRAMS OFFERED ON DEMAND

Data Visualization

Code	Pre-requisite	Duration	Training Fee
DV-01	Basic computer operations	40 hours	Online: Php 5,000 Onsite: Php 7,500

The training covers presenting usually large datasets in graphical form. Participants will learn to create data visualizations using charts, graphs, plots, tables, maps, dashboards, and other data visualization tools. At the end of the training, the participants are expected to be able to initiate building effective, visually engaging, and understandable data visualizations.

HTML

Code	Pre-requisite	Duration	Training Fee
HT-01	Basic computer operations	40 hours	Online: Php 5,000 Onsite: Php 7,500

The training covers Hypertext Markup Language (HTML) which is the standard markup language for creating Web pages. At the end of the training, the participants are expected to acquire basic HTML skills and develop simple and static HTML pages and websites.

REQUIREMENTS

FOR GTC OR ONSITE TRAINING

• Minimum of 15 and maximum of 25 participants may be confirmed for registration. The training venue is NAMRIA GTC. The course fee is inclusive of lunch and morning and afternoon snacks.

FOR PACKAGED OR OFFSITE TRAINING

Training Fee	
Offsite: Php 75,000	Online Php 50,000

• Maximum of 15 participants
  Note: in excess of 15, only ten (10) additional participants shall be allowed but they will not receive certificates of completion.
• Request letter addressed to the NAMRIA Administrator
• Memorandum of Agreement (MOA)
• Other expenses relative to the training, like transportation and accommodation expenses, equipment, food, and venue will be on the account of the requesting party

FOR ONLINE TRAINING

• Maximum of 15 participants per training
• Minimum hardware, software, and connectivity requirements:
  1. i-series or equivalent type of processor with 4GB of RAM, 1GB video card, and 250GB available hard disk
  2. 15" monitor or dual display monitor
  3. Windows 7 or higher operating system
  4. 5 Mbps internet speed

REGISTRATION

Registration is confirmed if proof of payment has been received by NAMRIA at least five (5) days before the training. Training fees are payable to NAMRIA in full, in cash or manager's check.

Additional Information

For Registration

CONTACT PERSON
MR. ALVIN F. LAURIO
Training Coordinator

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