



# GE075: GISWORX

## Training Description:

This comprehensive training course delves deep into the world of GIS platform, offering you the insights and practical skills to unlock its full potential for your organization. Whether you're a beginner seeking foundational knowledge or an experienced user aiming to refine your expertise, GISWORX equips you to transform data into actionable insights and revolutionize your decision-making processes.

## Training Objectives:

**By the end of the training, participants will be able to:**

- ✓ Master the core functionalities and architecture of GISWORX
- ✓ Design and deploy customized dashboards and applications for various use cases
- ✓ Leverage spatial analytics and geocoding to extract deeper meaning from your data
- ✓ Streamline workflows and automate tasks using powerful Geoprocessing tools
- ✓ Integrate GISWORX with other enterprise systems for seamless data synchronization
- ✓ Communicate your spatial insights effectively through compelling maps and reports

## Training Designed for:

This course is intended for Professionals across various industries seeking to leverage GIS for business advantage; Individuals with basic ArcGIS experience looking to specialize in GISWORX; Decision-makers and analysts eager to harness the power of location intelligence.

## Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

## Training Program:

### FIVE DAYS:

- ❖ **Module 1: Introduction to GISWORX**
  - Overview of GISWORX features and capabilities
  - Architectures and deployment options for the platform
  - Understanding spatial data concepts and data models
  - Introduction to user interface and navigation
- ❖ **Module 2: Building Custom Dashboards and Applications**
  - Designing interactive dashboards for data visualization and monitoring
  - Creating powerful web applications utilizing Esri Web AppBuilder
  - Integrating custom widgets and extensions for enhanced functionality
  - Optimizing applications for mobile devices and accessibility
- ❖ **Module 3: Mastering Spatial Analytics and Geocoding**
  - Performing advanced spatial analyses for pattern recognition and trend identification
  - Geocoding addresses and enriching data with spatial context

- Utilizing network analysis tools for route optimization and logistics planning
- Exploring Geostatistical Analyst for spatial modeling and prediction
- ❖ **Module 4: Automating Workflows with Geoprocessing**
  - Automating repetitive tasks and complex workflows using Python scripting
  - Building custom tools and extensions for increased efficiency
  - Understanding ArcObjects for developing advanced GIS applications
  - Integrating automation with other systems for streamlined processes
- ❖ **Module 5: Integration and Data Management**
  - Connecting GISWORX with other enterprise systems for real-time data exchange
  - Managing data security and access control within the platform
  - Implementing versioning and archiving strategies for data integrity
  - Optimizing data performance and scalability for large datasets
- ❖ **Module 6: Effective Communication and Reporting**
  - Creating compelling maps and reports to communicate spatial insights
  - Utilizing story maps and interactive presentations for impactful storytelling
  - Effective data visualization techniques for enhanced comprehension
  - Communicating spatial data to audiences with varying levels of expertise
- ❖ **Course Conclusion**
- ❖ **POST-TEST and EVALUATION**

### Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

### Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

### Training Fees:

**TBA as per the course location** - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01<sup>st</sup> of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

## Training Timings:

### Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

### For training registrations or in-house enquiries, please contact:

**Aisha Relativo** - Training & Career Development Manager

[aisha@cmc-me.com](mailto:aisha@cmc-me.com) / [training@cmc-me.com](mailto:training@cmc-me.com)

Tel.: +971 2 665 3945 or +971 2 643 6653 | Mob.: +971 52 2954615