

Geospatial Intelligence (GEOINT) and Satellite Image Analysis

COURSE OVERVIEW

This course provides a comprehensive introduction to Geospatial Intelligence (GEOINT) and satellite image analysis, focusing on the integration of remote sensing, geographic information systems (GIS), and advanced image interpretation techniques. Participants will explore the role of GEOINT in national security, environmental monitoring, disaster management, urban planning, and business intelligence.

WHO SHOULD ATTEND?

The course is designed for professionals in defense, security, environmental science, geography, urban planning, data science, and related fields who wish to build or strengthen their expertise in geospatial technologies. It is also well suited for analysts, policymakers, and industry practitioners who require a working knowledge of satellite image analysis and its applications in strategic planning and operational contexts.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand the principles and workflows of GEOINT and remote sensing.
- Interpret and analyze satellite imagery for various applications.
- Apply GIS tools and techniques to integrate spatial data for problem-solving.
- Assess the role of geospatial intelligence in security, environmental, and socio-economic contexts.
- Generate actionable intelligence products to support decision-making.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Exposure to cutting-edge geospatial technologies and tools.
- Hands-on training with real-world satellite imagery and GIS software.
- Practical assignments and projects to build applied expertise.
- Guidance from industry experts and subject matter specialists.
- Case studies from defense, disaster response, and environmental monitoring.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded