

Introduction to Topographic Survey – Agenda

Day 1

- Introductions and Course Overview
- What is Topographic Surveying
- Coordinate Systems, Coordinates & Scale Factor
- Survey Specifications, Scale & Accuracy
- Equipment & Software used

Total Station, Control & Traverse Survey

- Total Station Introduction
- Targets & Prism Constants
- Setting up a Tripod & Total Station Over a Survey Marker (fieldwork)
- The Survey Process
- KOREC Liverpool Topographic Survey Brief
- Recce & Control Markers (fieldwork)
 - Station Diagram Completion
- Traverse Survey (fieldwork)

Day 2

Processing Software Introduction & Traverse Processing

- Introduction to Trimble Business Center
- Traverse Survey Data Import
- Traverse Processing

Stationing, Detail Survey & Coding

- Introduction to Stationing & Coding
- Topographic Survey (fieldwork)
- Review of surveyed data in TBC

Survey Offsets

- Survey Offsets Overview

Day 3

- Day 1 & 2 Q&A
- Extending the Survey (fieldwork)
- Applying a Code Library to a Survey in TBC
- Applying a Title Block in TBC
- Creating Deliverables using TBC (Data Export)
- Equipment Care
- Exam