

JGC TRAINING PACKAGES

FARO Focus Premium Scanner (1h) Rental

Item ID 100-500

1. Instructions for the correct placement and protection of the laser scanner
2. FARO Onboard Menu
 - a) General arrangements
 - b) Service settings and laser scanner
 - c) Configuration of scans
3. Wireless Scanner Connections
4. Quick Scan – Preview
5. Data management
6. How to download scans to local computer with SD card

FARO Focus Premium Scanner (2h) Purchase

Item ID 100-501

1. FARO Focus in the box
2. FARO Batteries and memory card
3. Instructions for the maintenance of laser scanner lenses
4. FARO Onboard Menu
 - a) General arrangements
 - b) Service settings and laser scanner
 - c) Configuration of scans
5. Wireless Scanner Connections
6. Quick Scan – Preview
7. Faro Sream – Top view on sight registration
8. Choose scan locations
9. Tips for scanning indoors and outdoors

FARO Scene Software (2,5h) Purchase

Item ID 100-502

1. Data management and preview in the laser scanner.
2. How to download scans to local computer with SD card
3. Import and preview the scanner data
4. Automatic alignment of scans
5. Delete noise
6. Create a single point cloud
7. Metrics in software views
8. Cloud delimitation – Create/use clipping box
9. Export data to different formats
10. Create a three-dimensional model.

Trimble X7 Scanner (2h) Purchase

Item ID 100-503

1. Trimble X7 kit in the box
2. Trimble Batteries
3. Instructions for the maintenance of laser scanner lenses
4. Trimble Prespective Software
 - a) General arrangements
 - b) Service settings and laser scanner
 - c) Calibration & Leveling of the laser scanner
 - d) Configuration of scans
 - e) Quick Scan – Preview
 - f) Measurements on point cloud
 - g) Scan Alignment Methods
 - h) Project georeference
 - i) Export – Transfer of data
5. Choose scan locations
6. Tips for scanning indoors and outdoors

Trimble X7 Scanner (45') Rental

Item ID 100-504

1. Instructions for the correct placement and protection of the laser scanner
2. General settings
3. Calibration & Leveling of the laser scanner
4. Configuration of scans
5. Quick Scan – Preview
6. Measurements on the point cloud
7. Automatic alignment of scans
8. Project georeference
9. Export – Transfer of data

Δέκτες GNSS και Field Software (1h) Purchase

Item ID 100-505

1. GNSS In the box
2. Batteries: charging, operation
3. Initial Settings, Receiver Indicators
4. Create and Manage projects in Field Software
5. Manage receiver connections
6. Receiver status assessment
7. Spot Measurement
8. Export measurements to different formats
9. Data entry into the software
10. Point Engraving
11. Measurement Management, useful tools

Total stations (1h) Purchase

Item ID 100-506

12. Total Station In the box
13. Batteries: charging, operation
14. Display & Keyboard
15. Create and Manage projects
16. General Settings
17. Spot mapping
 - a) Determination of Attitude
 - b) Orientation
 - c) Tachometry
18. Mark marking
19. Measurement Management
20. Useful tools
21. Connection manager
22. Import data
23. Export measurements

Matterport Pro 2, 3 (1h) Purchase

Item ID 100-507

1. Matterport In the box
2. Charging, functions and indicators
3. Manage wireless connections
4. Create and Manage projects
5. Configuration of scans
6. Create layers
7. Scan – Alignment – Preview
8. Upload the project
9. Choose scan locations
10. Tips for indoor preparation and scanning

Matterport Pro 2, 3 (45') Rental

Item ID 100-508

1. Instructions for the correct placement and protection of the laser scanner
2. Charging, functions and indicators
3. Create and Manage projects
4. Configuration of scans
5. Create layers
6. Scan – Alignment – Preview
7. Upload the project

Matterport – Online (20') Purchase

Item ID 100-509

1. Manage active spaces
2. General account and space settings
3. Tour of the 3d space
4. Edit in Space
 - a) Measurements in 3d space
 - b) Manage Tags, Labels, Multimedia
 - c) Noise deletion
5. Download add-ons.

UAV with field app (Aerial Surveying & AEC) (3 h) Purchase

Item ID 100-510

1. DJI Batteries: charging, operation
2. Introduction of Aircraft
3. Presentation of RC
4. Manage connections in the app
5. Application context presentation
6. Flight scheduling – creating missions
7. Flight restrictions and guide lines
8. Preparing Aircraft and RC before the flight
9. Pre-flight checklist
10. Compass Calibration
11. Take-off – Landing procedures.
12. Flight Execution

UAV with field app (Public Safety) (3 h) Purchase

Item ID 100-511

1. Drone In the box
2. DJI Batteries: charging, operation
3. Introduction of Aircraft
4. Presentation of RC
5. Manage connections to the app
6. Application environment presentation
7. Smart optical camera modes
8. Presentation of thermal camera capabilities
9. Flight restrictions and guide lines
10. Prepare Aircraft and RC before the flight
11. Pre-flight checklist
12. Compass calibration
13. Take-off – Landing procedures.
14. Flight Execution

Photogrammetry Software (1,5 h) Purchase

Item ID 100-512

1. Create and Manage projects.
2. Import and manage photos.
3. Management of coordinate systems.
4. Air triangulation – Creation of a sparse cloud of points.
5. Introduction, Management and marking of photostables.
6. Creation of a dense cloud of points and a three-dimensional model.
7. Create a three-dimensional model.
8. Creation of orthomosaic and digital soil model.
9. 2D and 3D Measurements in the produced.
10. Quality Reports - Creation and Analysis.

Survey Office - Introduction (1,5 h) Purchase

Item ID 100-513

1. Create and Manage projects.
2. Set display and customization options.
3. Project Settings.
 - a) Coordinate systems, units.
 - b) Vector processing arrangements.
 - c) View settings.
4. Create a project template.
5. Spreadsheets.
6. Management – Data Selection.
7. COGO tools.

Survey Office – CAD – Surfaces - Draft (1 h) Purchase

Item ID 100-514

1. Import and preview cad data
2. Create and edit layers.
3. Draw points and lines in 2d and 3d space.
4. Useful drawing tools.
5. Import, georeference, edit images.
6. Surface Creation and Treatment.
7. View surfaces.
8. Create and edit contour curves.
9. Text editing.
10. Dimensioning.
11. Create and manage tables.
12. Edit symbols and draft style.
13. Print Management.

Survey Office – Point Cloud Module (1 h) Purchase

Item ID 100-515

1. Import and preview and manage point clouds.
2. Cloud management and view.
3. Alignment of scans.
4. Point cloud classification.
5. Edit classification classes.
6. Cloud delimitation – Create/use clipping boxes.
7. Metrics in software views
8. Create orthophotography from the cloud.
9. Tools Scan to cad.
10. Create and manage clipping levels.
11. Rendering and editing in different views.
12. Export deliverables in different formats.

Survey Office – Total station data (45') Purchase

Item ID 100-516

1. Project settings – Observation tolerances.
2. Introduction of Observations.
3. Editing Observations.
4. Turn off observations.
5. Resolving Routes.

Survey Office – GNSS data (45') Purchase

Item ID 100-517

1. Project settings – Observation tolerances.
2. Insert checkpoints.
3. Introduction of static observations.
4. Preview and Edit Observations.
5. Edit observation periods.
6. Processing of Satellite Data.
7. Vector resolution.
8. Trigonometric network resolution.