

Advanced Ground Penetrating Radar (GPR) Training

From Sygma Solutions Ltd.

The Advanced GPR course is not manufacturer specific and will cover any GPR system our clients use.



The GPR course is led by utility mapping experts with many years in the field performing utility surveys using GPR.

Sygma Solutions Ltd is the only UK GPR training provider that is:

CITB approved
TSA Approved
EUSR Accredited
A Proqual Approved Centre

All our trainers and assessors are properly TAQA Qualified and all our GPR training & assessment courses are Quality Assured by our fully qualified IQA team.

The course has the perfect mix of theoretical understanding and practical applications.

Linked to the ProQual Utility Mapping Qualifications ensures it will also fulfil the evidence requirements for some units from the Level 4 and level 5

Courses will run at our Utility Mapping Training centre in Wigan, The Survey School at Worcester and can be delivered privately at clients premises or even on site.

MODULE 1 - GPR THEORY & PRACTICAL USE

MODULE 2 - DATA COLLECTION AND POST PROCESSING



DAY 1 – MODULE 1

- ✓ Introduction to GPR
- ✓ Theory of GPR
- ✓ What is a GPR signal
- ✓ What is a radargram
- ✓ Hyperbola and layer reflectors
- ✓ GPR frequency and its effect on depth penetration & resolution Signal velocity
- ✓ Depth measurement and how to improve accuracies GPR limitations
- ✓ Data Interpretation
- ✓ How to conduct a GPR survey
- ✓ Setting up the GPR
- ✓ Controls & features
- ✓ Wheel calibration
- ✓ Setting up a GRID
- ✓ GPS integration



DAY 2 - MODULE 2 – POST PROCESSING

- ✓ Data Collection
- ✓ Use of applicable software
- ✓ Applying filters & settings
- ✓ DX Offic' Vis
- ✓ Object Mapper 2018
- ✓ Exporting data & reports.

