UtilityScan® 3000 & 4000
Training Course Information

GSSI

Geophysical Survey Systems, Inc.

Course Outline

	Morning	Afternoon
Day 1	**GPR 101** An introduction to GPR method and theory as well as examples of GPR application. Topics covered include: how to read a GPR record, target ID, troubleshooting, a discussion of survey practices, factors affecting GPR signal penetration and effectiveness, and more.	**Simple Locating** Hands on locating of targets in real time and marking them on the survey surface. How to use radar to clear a location for trenching, calibrating for accurate depth estimation.
Day 2	**Simple Locating Review** A review of the previous afternoon's learned skills. **Advanced Target Recognition** Using GPR to tell the difference between metal and air-filled PVC. Noting voids and shallow geologic features such as bedrock.	**3D Data Collection and Processing** Collecting an area of 3D data for processing and imaging in 3D QuickDraw **Intro to 3D Imaging** Using 3D QuickDraw to create 3D data presentations and to answer specific questions. **Basic GPR data Processing with RADAN** **Review**

General Information

Where is class held?

Class is held at GSSI Headquarters at 40 Simon Street, Nashua, NH.

When are the classes?

The class schedule is on our website at **http://www.geophysical.com/training.htm**.
Class size is limited to 8 students, so reserve a spot early. You can reserve a spot simply by contacting the Training Manager, Dan Welch at 603-893-1109 or welchd@geophysical.com.

What are the class times?

Classes run two days from 9 AM to 4 PM with approximately 1 hour for lunch.
Five-minute breaks are given every hour.

What does it cost?

If you purchased a complete UtilityScan system, training is provided at no cost during the two year product warranty. Within the warranty period, you may select from any scheduled training course offered at GSSI. After the product warranty has expired, the tuition for a scheduled training course offered at GSSI is $800 per student.

Where should I stay?

There are a number of hotel options within a 10-15 minute drive of GSSI. A listing with phone numbers is included in this packet.

How far is GSSI from the airport?

Roughly 45 miles from Boston's Logan International Airport, and roughly 30 miles from Manchester (NH) Airport.

Do I need to rent a car?

Yes. There is no public transportation from the airport to Nashua, and no public transport around town. GSSI cannot pick you up from the airport.

What should I bring?

You will get as much out of the class as you put into it so, be prepared to take notes. A portion of the course requires some intensive computer work. You should be familiar with working in a Microsoft Windows environment. You should be able to:

1   Create and rename a folder in Windows.

2   Move files around your computer by 'dragging and dropping' or cutting and pasting. The instructor will not teach this, and it is your responsibility to acquire this knowledge before coming. The standard tutorials that come with Windows should be enough.

You may videotape or record the training if you wish. If you want to bring your personal equipment to work with, that is fine but not required. Students will be evaluated by class participation and oral examinations.

If possible, bring a laptop computer with RADAN® loaded on it. GSSI also has training computers available for you to use.

What if I need to cancel/reschedule?

Just contact us and let us know 48 business hours before the class. You will not be billed for the class. Failure to show without prior cancellation may result in a penalty.

Should I plan to stay and see the sights?

Absolutely. In addition to being one of the finest sports towns in the country, Boston has a huge variety of historical and cultural activities including: professional sports, Revolutionary War sites, a world class art museum, aquarium, and many great restaurants. Very fine hiking and skiing are also a short drive away.