



# gINT University Online Training

## What is gINT University?

Now you can learn exactly what you need to know about using gINT, right at your own desk. Your gINT class comes to you, via the Internet and phone conferencing, so that you will have a completely interactive, real-time, hands-on learning environment, and you take only the courses you need.

gINT University uses Internet meeting technology provided by WebEx to bring this type of training to your PC. Each class lasts for approximately two hours and is held on a scheduled day and time, with a trainer and a small group of students video- and audio-conferenced together. All you need is gINT, an Internet connection, a telephone (preferably with a speakerphone or headset), and a small conferencing software program that we email to you to install. Sample gINT files and courseware are also provided.

The trainer guides the students through the exercises together -- you see the trainer's screen in one window while you work through the exercise on your gINT installation in another. The trainer can also view your screen to help you when you run into problems. You have the benefits of a live classroom, without the inconvenience.

View our list of courses below, and click the link for each course to see detailed information such as subject matter and upcoming class dates.

## Courses

- Introduction to gINT (for New Users)
- gINT - 001 Data Entry and Basic Output
- gINT - 002 Advanced Output Options and Site Maps
- gINT - 003 Data Design
- gINT - 004 Log Report Design
- gINT - 005 Fence Report Design
- gINT - 006 Advanced Log Report Design
- gINT - 007 Lab Testing

The gINT 001 class is highly recommended for all gINT users, and provides the basis for other classes. The gINT 001-to-004 sequence provides an in-depth understanding of a wide range of subjects, including customizing your database and creating or customizing log and fence reports. Note that gINT 002 through 005 can be taken in any order, but we recommend 004 (Log Report Design) as a prerequisite to 006.

**Note:** If you have taken gINT University classes prior to January 2008, the course numbers, titles and contents have changed. We recommend that you check the new course list to see if there are classes you need.

## Registration and Fees

Each two-hour class is US \$149.00 per person. Schedules and fees (except for classes for which you have already registered) are subject to change without prior notice.

**To register:** Print out our registration form

([http://www.gintsoftware.com/assets/gint\\_training\\_registration.pdf](http://www.gintsoftware.com/assets/gint_training_registration.pdf)) and fax it to us with your credit card payment info at +1 707 838 1274. We must receive your registration at least 2 days before the class you wish to attend. Payment in advance in US dollars required. Credit card, check drawn on a US bank, international money order, or wire transfer only, please. Purchase orders are not accepted for gINT University classes. </p>

**To cancel or reschedule:** You can cancel or reschedule your class at any time prior to 2 business days before your class with no penalty. To do so, email [gINT\\_Trainer@gintsoftware.com](mailto:gINT_Trainer@gintsoftware.com) or call us at 707 838 1271. Cancellations or requests to reschedule which are received less than 2 business days prior to your class are subject to a US \$50 cancellation fee.

A gINT University Certificate of Training will be awarded upon successful completion of each course.

## System Requirements

### *gINT System Requirements*

- gINT installed on your computer
- Version 8 required

### *WebEx System Requirements*

- Microsoft Windows 2000, XP, 2003, or Vista
- Internet connection
- Telephone near your PC, with headset or speaker-phone recommended
- Minimum screen resolution of 800 x 600
- Internet Explorer 6/7, Firefox 2, Mozilla 1.7 (or higher), or Netscape 8.1 (or higher)
- JavaScript and cookies need to be enabled
- We recommend ActiveX be enabled for Internet Explorer
- (Vista supports Internet Explorer 7 and Firefox 2 browsers only)

# **INTRODUCTION TO gINT (FOR NEW USERS)**

---

## **Course Description**

Introduction to gINT for New Users is a free introductory course that is only available to new gINT users, that is, people who have recently obtained licenses to the software. A voucher for this free class is included or sent to you when you buy the software. Other users who want to start the gINT University sequence should take gINT 001 instead.

The Introduction to gINT for New Users class covers the basics of the gINT user interface, data entry, and output. It is geared to the needs of the complete gINT beginner, and sufficient time and attention is given to you to ensure that you will be able to start using the software effectively on your own after you finish the class.

## **Upcoming Introduction to gINT Classes**

Day	Date	Course #	Time	Closing Date
TH	23-Oct-08	001A-5	10:15 AM - 12:30 PM (PDT)	21-Oct-08
TH	4-Dec-08	001A-6	10:15 AM - 12:30 PM (PST)	2-Dec-08
TU	6-Jan-09	00a-08	10:15 AM - 12:30 PM (PST)	2-Jan-09
TU	17-Feb-09	00a-09	10:15 AM - 12:30 PM (PST)	13-Feb-09
TU	24-Mar-09	00a-010	10:15 AM - 12:30 PM (PDT)	20-Mar-09

*(The first 15 minutes of class is for getting up and running)*

# ***gINT-001: DATA ENTRY AND BASIC OUTPUT***

---

## **Course Description**

gINT 001 is a comprehensive introductory course of value to anyone using gINT. It covers all of the essentials of gINT data entry and output using a standard log form and fence form. This includes creating project and borehole header data, lithology layers, samples, well sections, and water level indications. It also introduces techniques for customizing your input environment, including table grid formatting, field customization and creating lookup lists. Import and export between gINT and Excel, and between projects, are also introduced.

*We recommend you take gINT 001 before taking any other gINT University courses.*

The course covers the following topics:

- Projects, Data Templates and Libraries
- Grid Input of Field Data
- Company Information Dialog Box
- Grid Input of Field Data (project, borehole, lithology, sample, water level and well construction)
- Relational Database Structure of gINT Data
- The OUTPUT Tab
- Formatting Table Grids in INPUT
- Modifying Field Properties
- Using Lookup Lists and Library Tables
- Importing and Exporting Data
- Viewing a Fence Report
- The UTILITIES Tab

## **Upcoming gINT 001 Classes**

Day	Date	Course #	Time	Closing Date
TH	13-Nov-08	001-124	10:15 AM - 12:30 PM (PST)	11-Nov-08
TH	8-Jan-09	001-125	10:15 AM - 12:30 PM (PST)	6-Jan-09
TH	5-Feb-09	001-126	10:15 AM - 12:30 PM (PST)	3-Feb-09
TH	12-Mar-09	001-127	10:15 AM - 12:30 PM (PDT)	10-Mar-09

*(The first 15 minutes of class is for getting up and running)*

## ***gINT-002: ADVANCED OUTPUT OPTIONS AND SITE MAPS***

---

### **Course Description**

gINT 002 delves into the rich feature set in the OUTPUT tab, demonstrates the various report types, and also introduces site maps and their uses. The OUTPUT tab is not just restricted to printing and previewing a particular report, using all data in the current database. You can export to AutoCAD DXF or Adobe PDF, creating custom bookmark tabs in the latter case. You can apply filter queries (and range filters in graphs and tables) to narrow the data to be displayed. You can record complex output settings for later use, or set up batch output of multiple reports with specific settings, using a script.

The site map portion of the class covers how you associate a site map with a project, and use it for a variety of purposes such as borehole selection, placement of new boreholes, and drawing 'zones' around groups of boreholes so that they are output together.

The course covers the following topics:

- Exporting to PDF
- Exporting to DXF
- Exporting to Bitmap Graphics (JPG and BMP)
- Standard Filters
- Creating and Editing an Output Script
- User Input Parameters in Scripts
- Importing a Site Map
- Data Entry and Navigation Tools in Site Map View
- Using the Site Map to Select Boreholes at Output Time
- Creating and Selecting Zones
- Printing a Site Map Report
- 3-D Output of Fence Reports
- Specifying a Custom Fence Report Baseline
- Using Min, Max and Scale in a Fence Report

*Completion of gINT 001 or prior experience with using gINT is recommended for this course.*

### **Upcoming gINT 002 Classes**

Day	Date	Course #	Time	Closing Date
TH	20-Nov-08	002-084	10:15 AM - 12:30 PM (PST)	18-Nov-08
TH	15-Jan-09	002-085	10:15 AM - 12:30 PM (PST)	13-Jan-09
TH	12-Feb-09	002-086	10:15 AM - 12:30 PM (PST)	10-Feb-09
TH	19-Mar-09	002-087	10:15 AM - 12:30 PM (PDT)	17-Mar-09

*(The first 15 minutes of class is for getting up and running)*

## ***gINT-003: DATA DESIGN***

---

### **Course Description**

gINT 003 is for the gINT user who wants to manipulate the database structure of project databases. As we say in our marketing literature, gINT is not just a reportbase but a database manager for subsurface information. Does your organization work with subsurface data that isn't in your standard gINT database? This course will give you the tools to manipulate your project structures so that you can enter or import all the data you work with and relate it to other data using sound database design principles. (Later, when you study report design in gINT University, you'll learn how to represent your unique tables and fields on reports.)

This class also covers the component lithology model, a special data structure for entering material descriptions that enables greater consistency, querying capability, and speed of entry than freeform lithology descriptions offer.

The course covers the following topics:

- Relational Databases and gINT
- Keys and Key Sets
- Creating and Customizing a Database (PROJECT, POINT, SAMPLE, LITHOLOGY, WATER LEVELS, WELL CONSTRUCTION)
- Generating a Project and Importing the Data
- Considerations for Good Database Design
- Attribute Tables
- Benefits of Component Lithology
- Understanding How a Component Description Structure Works
- The Component Data Entry Table and Lookup Tables
- The Component Formatting Library Table

*Completion of gINT 001 or previous experience with using gINT is recommended for this course.*

### **Upcoming gINT 003 Classes**

Day	Date	Course #	Time	Closing Date
TH	11-Dec-08	003-076	10:15 AM - 12:30 PM (PST)	9-Dec-08
TH	22-Jan-09	003-077	10:15 AM - 12:30 PM (PST)	20-Jan-09
TH	19-Feb-09	003-078	10:15 AM - 12:30 PM (PST)	17-Feb-09
TH	26-Mar-09	003-079	10:15 AM - 12:30 PM (PDT)	24-Mar-09

*(The first 15 minutes of class is for getting up and running)*

# ***gINT-004: LOG REPORT DESIGN***

---

## **Course Description**

gINT 004 explains how log reports work, and teaches you how to construct and customize a log form. Log report forms use a highly extensible report design structure built on graphic column, text, text-versus-depth, discrete graphic and other objects that translate database data into visual representations. The CAD-like user interface, called gIDraw, enables accurate placement of report objects, and is easy to learn. Properties of the report and of individual objects are configurable, creating a high degree of control. Standard blocks can be created and re-used in multiple reports, creating modularity and one-stop maintenance for commonly used report sections like headers and footers. The Data Tool assists in entering data elements quickly and correctly into report and object properties.

gINT 004 will step you through all of these report design features, enabling you to manipulate and create your own report designs to match your needs.

The course covers the following topics:

- Report Properties
- The gIDraw Interface
- Selecting Entities
- The Data Tool
- Building a Log Report Form
- Specifying Report Properties
- Creating Text Entities in the Header
- Creating Scale, Graphic and Text-Vs-Depth Columns
- Creating Water Depth Symbols
- Blocks
- Adding a Column to an Existing Log Report

*Completion of gINT 001 or previous experience with using gINT is recommended for this course.*

## **Upcoming gINT 004 Classes**

Day	Date	Course #	Time	Closing Date
TH	11-Nov-08	004-072	10:15 AM - 12:30 PM (PST)	7-Nov-08
TH	18-Dec-08	004-073	10:15 AM - 12:30 PM (PST)	16-Dec-08
TH	29-Jan-09	004-074	10:15 AM - 12:30 PM (PST)	27-Jan-09
TH	5-Mar-09	004-075	10:15 AM - 12:30 PM (PST)	3-Mar-09

*(The first 15 minutes of class is for getting up and running)*

## ***gINT-005: FENCE REPORT DESIGN***

---

### **Course Description**

gINT 005 teaches you the design of fence reports, and introduces some other options for modeling geotechnical data. A fence report places multiple “fenceposts” of borehole information in proper relation to each other, relative to the borehole coordinates and elevations. Fences show the relationships of layers in the boreholes, suggesting what the subsurface layers consist of. You will create a simple fence form then add a variety of features to it, including frame elements, a header of company and project information, borehole identification labels, water level symbols, and a custom title input at report output time. You will also see how to customize the grid and axes. Next, you will be introduced to importing and exporting data between gINT and surfacing/modeling software, and you will learn how to draw cross-sections on a fence report.

The course covers the following topics:

- Understanding Fences
- Specifying Report Properties
- Adding a Graphic Column Entity
- Previewing the Report Output
- Adding Grid Lines
- Adding a Borehole Number to Each Fencepost
- Offsetting the Fenceposts from the Axes
- Inserting a Frame and Title Block
- Creating Water Depth Symbols
- Adding Two Report Headings (one of them user input)
- Adding Axis Labels
- Setting the Print Order and Background Fill
- Modeling Overview
- Contouring Data Using Surfer and gINT
- gINT and Rockworks
- Drawing Cross-Sections on Fence Reports

*Completion of gINT 001 or previous experience with gINT is recommended for this course.*

### **Upcoming gINT 005 Classes**

Day	Date	Course #	Time	Closing Date
TU	18-Nov-08	005-04	10:15 AM - 12:30 PM (PST)	14-Nov-08
TU	13-Jan-09	005-05	10:15 AM - 12:30 PM (PST)	9-Jan-09
TU	10-Mar-09	005-06	10:15 AM - 12:30 PM (PDT)	6-Mar-09

*(The first 15 minutes of class is for getting up and running)*

## ***gINT-006: ADVANCED LOG REPORT DESIGN***

---

### **Course Description**

gINT 006 covers the options for creating various kinds of Smart Report features, such as report columns that disappear when they have no data, with other columns enlarging to take up the space. Another topic explored in this course covers various ways to customize depth scales on a report-by-report, project-by-project or borehole-by-borehole basis. Next, you create a complex log report with standard column entities on the first page followed by photos from the database, demonstrating Bitmap File type fields and Private Blocks. You will also learn how to create graphic legends that identify the material, sampler, well or other symbols in use in a single log, all boreholes on a fence report, or throughout a project.

The course covers the following topics:

- Creating Smart Report Forms
- Variable Depth Scales on Logs
- Creating a Test Pit Log -- Using Photo Fields and Multiple-Page Setup
- Variable Graphic Legends on Reports

*Completion of gINT 004 or previous experience with gINT report design is recommended for this course.*

### **Upcoming gINT 006 Classes**

Day	Date	Course #	Time	Closing Date
TU	9-Dec-08	006-04	10:15 AM - 12:30 PM (PST)	5-Dec-08
TU	17-Mar-09	006-05	10:15 AM - 12:30 PM (PDT)	13-Mar-09

*(The first 15 minutes of class is for getting up and running)*

## ***gINT-007: LAB TESTING***

---

### **Course Description**

gINT 007 explores the lab testing subsystem of gINT, a suite of laboratory test tables that integrate with each other and with other areas of gINT. Using the gINT lab testing module, you can automate the calculation of all the computed values you normally generate from your raw lab data, and report on a wide range of lab data in combination with borehole data. In this course you learn how to convert an existing project database to include lab testing functionality, how to enter and calculate data for four of the most common tests (Water Content/Density, Atterberg Limits, Sieve Analysis, and Compaction), and how to generate common lab reports.

The course covers the following topics:

- Adding Lab Testing Support
- Using Defaults and Calibrations
- Defining a Lab Specimen
- Water Content/Density Data Entry and Reporting
- Atterberg Limits Data Entry and Reporting
- Sieve Analysis Data Entry and Reporting
- Compaction Data Entry and Reporting

*Completion of gINT 001 or previous experience using gINT is recommended for this course.*

### **Upcoming gINT 007 Classes**

Day	Date	Course #	Time	Closing Date
TU	16-Dec-08	007-02	10:15 AM - 12:30 PM (PST)	12-Dec-08
TU	10-Feb-09	007-03	10:15 AM - 12:30 PM (PST)	6-Feb-09

*(The first 15 minutes of class is for getting up and running)*