

GEOVIA SURPAC ADVANCED MACROS

(2 DAYS)

The SURPAC™ Advanced Macros is a two-day course designed to provide participants with the necessary skills required to create complex macros for SURPAC. It endeavours to show participants practical techniques in building and maintaining TCL/SCL scripts including constructing libraries of reusable macro code. Many TCL/SCL commands will be uncovered and practical examples given to demonstrate their use. Participants will gain a good understanding of programming techniques using TCL.

COURSE PREREQUISITES

Before taking this course, you require the following:

- Knowledge of Windows® 2000, XP, Vista® or Windows 7 Operating System
- Reasonable understanding of and exposure to SURPAC
- Previous use of a text editor like Notepad or CONText
- Completion of SURPAC Foundation Macros or Getting Started with SURPAC Macros is highly recommended
- Some knowledge of the following TCL/SCL concepts:
 - TCL syntax, variable and command substitution, and grouping constructs
 - Creating basic user forms
 - Use of basic TCL commands like expr and string
 - Use of if statements to perform branching
 - Use of while and for statements to perform looping

A brief revision of the basic topics outlined above is included to reinforce the participant's knowledge of these concepts.

The SURPAC menu structure and graphical user interface (GUI) are similar to most Windows-based packages and therefore a basic knowledge of the Windows operating system and environment is necessary.

EXPECTED OUTCOMES

Upon completion of this course, you will be able to accomplish the following:

- Debugging
- Compiling
- TCL Extensions: Tcllib, TclODBC, TWAPI, TCOM
- Interacting with databases
- SQL statements
- Advanced forms
- Geometry & Math operations
- Resources

If a desired expected outcome is not listed above, please contact us to learn more about how we can tailor training to meet your needs.

FOR MORE INFORMATION AND REGISTRATION

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