

DATALOGGER TRAINING COURSE

Scott Technical Instruments will be running a Campbell Scientific datalogger training course in **Hamilton 23-24 August 2011**. We would like to invite you and your colleagues to attend.

This course will have an emphasis on getting familiar with current software and hardware, with many hands on exercises. They will be based on the CR1000, CR800 and CR200 series of dataloggers. They provide an excellent opportunity for participants to update their knowledge and skills using Campbell Scientific dataloggers. A summary of the topics that are covered is attached. In addition, participants will have a chance to discuss their own particular applications.

Software

We will be using LoggerNet V4 (and PC400) software in class. If participants would like to purchase a licensed copy of software, or upgrade to the latest version, then there is an opportunity to order this below. This is not however, required to participate in the course.

Equipment requirements

All datalogging and sensor equipment will be provided. PCs will be provided, but participants are welcome to bring their own laptop to work on to ensure that all relevant files and setup configurations are correct for their requirements.

Cost

The cost for the 2 day course is \$800 + gst for the first person from your organisation, and \$650 + gst for any additional participants. Training manuals are provided covering all course topics. Lunch, tea and coffee are provided. The workshop will be held at Scottech premises at 89 Colombo Street, Frankton, Hamilton, from 9-4.30.

Enquiries

If you have any other queries, call Robin McIntyre (**robinm@scottech.net**) at Scott Technical Instruments.

Registration:**Datalogger Training Course, Hamilton 23-24 August 2011**

Fax to: 07 8470647

OR

Email to: robinm@scotech.net

OR

Mail to: 89 Colombo St, Hamilton

Main Contact Details

Name	
Company	
Address	
Phone	
Email	
Purchase Order Number (if required)	

Participants

Name	Email	Rate (excl. GST)	Total
		\$800	\$
		\$650	\$
		\$650	\$
		\$650	\$
LoggerNet – full version		\$1108	\$
LoggerNet – upgrade from earlier version		\$584	\$
PC400 – full version		\$584	\$
Total (excluding GST)		\$	

TOPICS

(not necessarily presented in this order)

Campbell Scientific Dataloggers – Hardware overview

- Datalogger models and functions (CR3000, CR1000, CR800, CR200)
- Types of Inputs / Sensors
- Memory and Data Storage

Datalogger software – LoggerNet, PC400, Device Configuration

- Connecting to and configuring the logger
- Field data collection
- Data tools
- System verification

Program development using ShortCut (PC200, PC400 or LoggerNet)

Communication Options and Problems

Program development using CRBasic (PC400 or LoggerNet)

- Programme structure
- Instruction Types - Input/Output, Processing, Output processing, Program control
- Programming exercises

Considerations for accurate measurement

Automated Data Collection and RTMC

File Control, Operating Systems and Device Configuration

Programming for analogue outputs and control

Datalogger – datalogger communication and PakBus networks

Your questions