



CAMPBELL SCIENTIFIC, INC.

815 W. 1800 N. • Logan, Utah 84321-1784 • (435) 753-2342 • FAX (435) 750-9540 • www.campbellsci.com

January 6, 2005

CR10X / LOGGNET TRAINING COURSE INFORMATION

Campbell Scientific offers a three-day training course on the CR10X Datalogger and LoggerNet 3.x Datalogger Support Software. The training focuses on the CR10X, but is also suitable for users of the CR23X and CR510. This is a comprehensive, introductory level course with an emphasis on programming (see the attached itinerary). "Hands-on" programming exercises and course handouts are used to reinforce the concepts covered by the instructor.

The training course is taught by experienced CSI applications engineers. Class size is limited to 10 attendees to ensure personalized instruction and assistance.

Course fees are \$650.00 per person which include a Training Manual and the use of a CR10X datalogger, computer, and sensors. Lunch will be provided all three days, and there will be a tour of Campbell Scientific's facilities on the third day.

See <http://www.campbellsci.com/calendar.html> for course dates and current availability.

COURSE REGISTRATION

Contact Janet Albers at training@campbellsci.com or (435) 750-1726 or visit our web site: <http://www.campbellsci.com/calendar.html> to confirm availability. Then fax a copy of the registration form to (435) 750-9540. To confirm registration you will receive notification, via e-mail or fax, that your registration form has been received. **You are not registered until you have received either a faxed or e-mail confirmation.** Mail a copy of the registration form with payment to the address indicated on the Registration Form.

CR10X/LOGGERNET TRAINING COURSE REGISTRATION FORM

Please Fax form to: 435-750-9540

Name: _____

Company: _____

Bill To: Address: _____

City: _____ State: _____ Zip: _____

Ship To: Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ FAX: _____

E-Mail: _____ Course date: _____

My application is (check one):

_____ Water Resources _____ Industrial / Automotive _____ Environmental / Agricultural

Course fees are \$650, which do not include a copy of LoggerNet software.

Payment must be received 7 days prior to the course.

_____ CR10X/LoggerNet Training Course (\$650)

_____ LoggerNet Software (\$545 domestic; \$626.75 international)

_____ LoggerNet/U (\$295 domestic; \$339.25 international) Upgrade to current
LoggerNet from an earlier version of LoggerNet (e.g. 2.1 to 3.X) or PC208W

Method of payment (check one):

_____ Payment is enclosed.

_____ Credit card (Visa, Mastercharge, American Express)

Card Number: _____ Exp. date: ____/____

Card Holder's Name: _____

_____ Company purchase order.

Mail Registration Form with Payment to:

Campbell Scientific

Attn: Mary Lou Gittens

815 West 1800 North

Logan, UT 84321-1784

Cancellations made less than 10 days prior to the course will be subject to a
cancellation fee of \$100.

Signature _____ Date _____

**NOTE: You are not registered until you have received either a faxed or e-mail
confirmation.**

CR10X/LOGGERNET TRAINING COURSE ITINERARY

Day #1 - (8:00 a.m. to 5 p.m.)

Array Based Dataloggers

Physical Description

- Analog Inputs

- Switched excitation outputs

- Pulse inputs

- Digital I/O ports

Memory and Programming

- Memory Structure

- Program Tables

- Programming Instructions

Programming Exercises

- Programming using the CR10KD

- ShortCut program generator

- LoggerNet software overview

Day #2 - (8:00 a.m. to 5 p.m.)

Array Based Dataloggers

Memory Pointers

- Data Storage and Telecommunications Peripherals

- Bridge measurement exercise

LoggerNet Datalogger Support Software

- Datalogger program development using EDLOG

- Download program to datalogger

- Data retrieval

- Data processing and report generation using SPLIT

Day #3 - (8:00 a.m. - 3 p.m., CSI Tour 3 - 4 p.m.)

Comprehensive Programming Exercises

- Sensor wiring

- Program development

- System verification

- Data retrieval

- Report generation

Tour of Campbell Scientific, Inc. (optional)

TRANSPORTATION

- Car Rental

Several car rental options are available at the SLC Airport. Among them are Alamo, Avis, Budget, National, Hertz, and Dollar. Rental car companies are located in the lowest level of the parking terrace.

- Cache Valley Limousine Service (Airport Shuttle)

SLC Airport to Logan round-trip service (approximate cost \$78 Round Trip)
(435) 563-6400 or (800) 658-8526

Website: <http://www.loganshuttle.com/index.htm>

Upon arrival at the Salt Lake Airport, check-in with the Cache Valley Limo Driver at the CVL Desk located near baggage claim carousel #4.

Reservations must be made at least 48 hours in advance. To receive a refund, any change or cancellation requires 48 hours advance notice from arrival/departure time.

- Motel to CSI Facility (approximate cost from downtown Logan to CSI \$7-\$10)

Logan Taxi
435-753-3663

Cache Valley Cab
435-752-4555

DIRECTIONS: SALT LAKE INTERNATIONAL AIRPORT TO LOGAN

Depart from Salt Lake International Airport and take **Interstate 80 EAST**. Connect with **Interstate 215 NORTH**, and link with **Interstate 15 NORTH**. Travel north on **I-15 NORTH** for approximately 60 miles and take the Brigham City / Logan exit (Highway 89/91). Continue east through the traffic light and into the canyon. Drive through the canyon (Highway 89/91) and into Cache Valley. As you enter Logan, the highway becomes Main Street. Continue north on Main Street and turn west (left) at Jack's Tire and Oil (1800 North). Follow 1800 North one mile west to Campbell Scientific, Inc. Enter through the front (east) door of the first building and ask for assistance

TOURIST INFORMATION

- For Recreational and Tourist information about Cache Valley contact:
Cache/Rich Tourist Council
800-882-4433 or 435-752-2161

Website: <http://www.tourcachevalley.com/>