



Hands on Kepware Training:

UCON Protocol Server Hands on Training:

In-house Training - Portland, Maine

3 day course:

\$1485 per person

All travel and lodging expenses will be covered by trainee. Morning Snacks and Refreshments are covered by Kepware and 1st day lunches are covered by Kepware.

Training Agenda:

Day 1: 9:00 AM to 4:00 PM

1. Introduction
 - a. A brief History of Kepware
 - b. An overview of OPC DA and how it effects the server
2. An Introduction to the UCON Protocol Server
 - a. Creating a Channel with the UCON driver
 - b. Creating a device
3. Evaluation a device protocol for use with UCON
4. Lunch
5. Creating a Simple Read Transaction
 - a. Defining the read request for data to the device and handling the response
 - b. Testing for error responses
 - c. Ways to mask data
6. Creating a simple Write Transaction
 - a. Defining the write request to the device and handling the response
 - b. Testing for errors
 - c. Ways to mask writes
 - d. Creating Write only transaction





Day 2: 9:00 AM to 4:00 PM

1. Creating a Block Read Transaction
 - a. Defining a tag block
 - b. Defining the read request and handling the response
 - c. Parsing the response into the tags in the tag block
 - d. Testing for errors
2. Creating an Unsolicited Transaction Project
 - a. Creating the unsolicited mode channel
 - b. Creating the unsolicited mode device
 - c. Creating the unsolicited transaction
 - d. Error handling
 - e. Unsolicited tricks
2. Lunch
3. Advanced Transaction Processing
 - a. Global transactions
 - b. Global and device scratch buffers
 - c. Buffer processing
 - d. Block/multi item writes
 - e. Data formats
 - f. Checksums and other error handling
4. Hands-on

Day 2: 9:00 AM to 4:00 PM

1. Hands-on

Training is designed to be fluid so that lessons can be adjusted for time.

Time is allocated so that students may use their own protocols although protocols are available here for training purposes.

