

## ABBEY SYSTEMS TRAINING COURSES

**1-5 OCTOBER 2018 & 9-10 OCTOBER**

**VENUE: The Thorndon Hotel Wellington by Rydges**  
**24 Hawkestone Street, Thorndon, Wellington 6021**  
**(04) 473 2208 [reservations.thorndon@rydges.com](mailto:reservations.thorndon@rydges.com)**

Course Description	Date	Price
<b>Powerlink General Operation Course</b> Introduction to Powerlink system - General operation, principles, configuration of master; remote sites, polling, status inputs, control outputs, pulse inputs and analog measurements. Introduction to MPL programming syntax, editing and basic techniques. Introduction to report generation and file handling.	Mon, Tue 1,2 Oct 9am -5pm	\$1,230
<b>Powerlink Programming Course</b> Introduction to Powerlink Programming Language (MPL) principles, syntax techniques & editing. Variables, digital arithmetic, DO and COND instructions. Remote programs. Practical examples.	Wed 3 Oct 9am -5pm	\$765
<b>Powerlink Reporting Course</b> Sampling data and creating historical files. Filtering data and creating RSP files. Producing reports, graphs & CSV files for spreadsheets from stored data. Further processing from stored data using tables, producing reports and graphs from tables.	Thu 4 Oct 9am -5pm	\$765
<b>Aspex</b> Introduction to Aspex. General drawing techniques, creation and animation of control outputs, analog outputs, status inputs, measurement inputs, trend graphs.	Fri 5 Oct 9am -5pm	\$765
<b>Hardware &amp; Technical Course</b> Powering & I/O wiring for Powercat, Topcat, Swampfox & legacy RTUs. Setting up a SCADA system, SCADA Gateway, configuring an RTU for radio, cellular or IP comms, RTU Builtin I/O, using nonvolatile mem. Powerlink Local Master software, updating RTU firmware and changing internal radio settings. Radio comms including timings and diagnostics, hardware troubleshooting. Protocols: DNP3 Master, DNP3 Slave, Modbus Master, faultfinding and when to unpack the protocol analyser.	Tue, Wed 9,10 Oct 9am -5pm	\$1,380

***Includes morning & afternoon teas and catered lunches***  
***Course numbers are limited and subject to postponement or***  
***cancellation if there are insufficient participants.***  
***All prices quoted are exclusive of GST***

***Accommodation is also available at The Thorndon Hotel Wellington by Rydges***  
***Request the ADRiley rate \$159/night GST incl***