



**SANYO Commercial Solutions**

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**COURSE AGENDA**

As of Jan 1, 2009

**COURSE: ECOi Service & Diagnostics**

8:45 am - 9:00 am	Introductions & Sign in Sheet
9:00 am - 9:30 am	R-410A principles, Identification of components & DC inverter operation
9:30 am - 10:30 am	Refrigerant flow (heating/cooling modes), superheat and sub cooling measurements, EEV operation and troubleshooting & different stages of oil recovery.
10:30 am - 10:45 am	<b>Coffee Break</b>
10:45 am - 12:00 pm	Interpreting error codes, How to determine error codes (Using RCS-TM80BG & Leds 1 & 2), explanation of different types of error codes (indoor/outdoor units) & replacement of E-EEPROM chips plus (Indoor/Outdoor PCB's)
12:00 pm - 1:00 pm	<b>Lunch</b>
1:00 pm - 1:30 pm	Introduction to Pac I checker tool for monitoring of the Ecoi systems. Illustrate connections needed, software CD & graphing of temperatures/amps
1:30 pm - 2:30 pm	Introduction to Intelligent controller & Lonworks. Basic menu windows and wiring hook ups needed
2:30 pm - 2:45 pm	<b>Coffee Break</b>
2:45 pm - 5:00 pm	Hands on troubleshooting of indoor/outdoor units