



## WICM253 MX Series Microlog and SKF @ptitude Analyst

### Course objective

To provide a detailed explanation of the operation of the SKF Microlog MX instrument and to provide start up assistance associated software support software. Participants will also carry out practical exercises to gain hands-on experience.

#### 2009 tuition

\$6,995

3 days

### Course description

- Introduction and course objectives
- Instrument basics, care and attention
- ActiveSync® installation
- Conformance test module and setup generator – will give you a pass / fail indication and store a spectrum (blind) for off line analysis
- Performing a conformance test
- Analyzer module – basic analysis techniques
- Bump test module – application and technique
- Recorder module – setup and record dynamic signals such as noise and vibration from machinery during run up, steady state and coast down
- Run up/Coast-down module – setup, acquisition and post-processing of machinery data
- Balancing module – setup and operation of one-plane and two-plane balancing program

## WICM261 CMVA60/CMVA65 Microlog and SKF Machine Analyst

### Course objective

To introduce the @ptitude Analyst vibration database management and analysis software as well as the features of the SKF Microlog to the new user. Course material will vary depending on which SKF Microlog was purchased (CMVA 60 or CMVA 65).

#### 2009 tuition

\$8,495

4 days

### Course description

Course topics are organized according to the steps necessary to operate the product.

- Set up default properties on their SKF @ptitude Analyst software
- Create an SKF @ptitude Analyst database of vibration measurements
- Download and upload measurements between SKF @ptitude Analyst and an SKF Microlog data collection device
- Customize SKF @ptitude Analyst to automatically perform scheduled events
- Generate graphic plots and reports for analyzing measured machinery conditions
- Operate the SKF Microlog data collector/analyzer
- Discuss the advantages of various vibration signal processing techniques to isolate and detect specific machinery faults (i.e., acceleration enveloping signal processing for early detection of bearing faults)
- Learn how to set up signal processing measurements in the SKF @ptitude Analyst database and in the SKF Microlog analyzer