

# Educational Services

Maximize Your Investment with Well-Trained Personnel



## Reciprocating Equipment Analysis

### Course# 2050 (CEUs: 2.1)

This 3-day course will familiarize students with the advantages of condition monitoring of reciprocating equipment using Emerson's AMS 2140 analyzer and AMS 6500. This course will also demonstrate how to correctly setup databases to accurately diagnose equipment faults and possible deficiencies. By properly setting up and configuring databases, users can take advantage of the broad capabilities of these monitoring solutions and incorporate them into their current rotating equipment condition monitoring programs. Key learning topics will include database setup, transducer selection and mounting (best practices), and accurate deficiency identification of reciprocating engine and compressor faults as related to crankshaft angle.

#### Prerequisites:

Familiarity with AMS 2140, AMS 6500 and AMS Machinery Manager software are highly recommended.

Topics Include:

- Overview of reciprocating equipment in various industries
- Operation
- Component familiarization
- Database setup
- Proper transducer selection
- Best practices for data collection
- Data analysis
- Case studies/ examples

#### Course Information:

- Date: August 27 to 29, 2019
- Time: 8:30 AM to 4:30 PM daily
- Price: \$2,200
- Location: Emerson Training Center 835 Innovation Drive, Knoxville, TN 37932
- Registration: To register, complete this **Registration Request**, or for more information, contact Emerson Educational Services at +1 800 338 8158.

#### Educational Services

✉ [Education@Emerson.com](mailto:Education@Emerson.com)

🌐 [www.emerson.com/education](http://www.emerson.com/education)

#### Training Courses

*Emerson Educational Services is accredited by the International Association for Continuing Education and Training (IACET) and is accredited to issue the IACET CEU.*

