

IN PARTNERSHIP WITH

**career**tech



### Course Costs:

Oklahoma Company: \$710

Out-of- State Company:  
\$910

### Vibration Institute Exam:

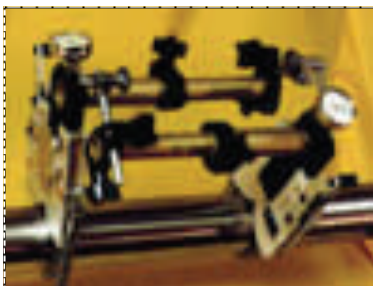
**\$200 for Members**

**\$250 for Non-Members**

### Who Should Attend:

- Maintenance Managers
- Foremen
- Technicians
- Engineers

Anyone  
in the maintenance field



# 4-Day Training: “Machinery Vibrations Level II”

July 26th—29th, 2009

*Certification Exam on the 30th if desired*

*Register by June 12th*

*Hosted by*

Vibration Institute

A NOT-FOR-PROFIT CORPORATION



## *Tulsa Technology Center*

**3638 South Memorial Drive, Tulsa OK**

Basic Machinery Vibrations is designed for those who have had less than three years of experience in measuring and analyzing machine vibrations. Also, Basic Machinery Vibrations is often taken by more experienced individuals to prepare for the Vibration Institute's Category II Vibration Analyst Certification Examination.

**Registration will be limited to the first 12 OPMUG members that register**

Attendees will receive a Certificate of Completion with credit for contact and professional hours. To reserve a seat for this session <http://www.opmug.net/>

Or Call Charles Madison

(918) 828-5411

## Machine Vibrations Level II Course Topics

- Basic vibration concepts and terminology
- Use of Electronic data collectors for monitoring and analysis
- Machine monitoring principles
- Selection and location of transducers
- Data acquisition for monitoring and analysis
- Fault and condition analysis
- Calculation machine frequencies
- Operating speed fault analysis
- Machine acceptance testing
- Preparation for Category II Vibrations Analyst Examination



### Basic Machinery Vibrations Course Description (Category II)

- The objective of all of the Vibration Institute courses is to prepare you to be a better analyst. Institute courses will enable you to gain understanding of vibration principles and techniques and add to your practical knowledge of machines. With these tools you will be better able to think through vibration problems.
- Vibration Institute courses are designed to provide you with theory, techniques, and procedures as well as practical case histories that illustrate ways to analyze various types of equipment. In-class demonstrations and workshops will help you learn the methods used to solve vibration problems.

## **FOR ADDITIONAL COURSE INFORMATION CONTACT**

Charles Madison  
Tulsa Technology Center  
(918) 828-5411  
[charles.madison@tulsatech.org](mailto:charles.madison@tulsatech.org)

### **\*\*Course Cancellation Policy\*\***

**A training class can be cancelled when, less than 75% funded and is less than 30 days from the start of class (training). In this case there will be a 100% fee refund for registered participants. If a registered participant cancels less than 10 days before the start of class (training) they will forfeit 50% of the registration fee.**