Advanced Motion Amplification® Training (Three Days)

During the basic training you learned how to acquire high quality Motion Amplification® data as well as how to analyze and use that data to create great video case histories. That training resulted in a great understanding of the basic functionality of your Iris M™ system. But now you're ready to dive deeper into this exciting technology and gain a better understanding of how Motion Amplification® can help you identify and solve problems with machinery, structures, and piping.

Or maybe it's been a while since you've used your system and you'd like to regain the confidence you originally had when you first attended the basic training. This training will get you back on the road to using your Iris M™ Motion Amplification® System more effectively than ever before.

Course Description:

Learn advanced analysis techniques to help you improve your troubleshooting skills. Over three days our experienced instructors will cover the following:

- Reviews of Motion Explorer, Data Management, and Motion Studio
- Identifying Common Machinery Faults with Motion Amplification
- Advanced Signal Processing
- Advanced Data Acquisition
- Transient Data Analysis
- Phase Analysis Techniques
- Resonance Testing
- Long Term Data Acquisition & Analysis
- Piping and Pipe Support Analysis
- High Density Filtering
- Anti-Aliasing Techniques
- Presentation of Motion Amplification Case Histories

Level II Motion Amplification® Certification:

This is a great way to show the world that you are a step above the average technician. But this certification is not easy. You'll need to earn it by passing the interactive online exam. The Level II certification is included in the price of the class.

Advanced Motion Amplification® Training Requirements:

- Students must have already taken the Basic Motion Amplification Certification Course and passed the Level I Motion Amplification® Certification.
- Students should bring their own Acquisition Unit (with at least 50 GB of free storage space) to the class. Accessories will not be needed.
- There will be a fair amount of vibration analysis discussed in this class. It is recommended that students be at least CAT I certified in vibration analysis in order to get the most out of this training.