

Vibration Control Basics

Lectured by Timothy J. Copeland, BSc, MSc, INCE

Instructor: Tim Copeland, tim.copeland@mpina.com
Time: April 20, 2018
Course Fee: \$1500 (prepaid), \$1800 (onsite)
Contact: Sherry Huang **via** sherryhxm@dvtesting.com

Tentative program

April 20, 2018

8:00 am-8:30 am: Registration
8:30 am-9:30 am: Theory and basics of vibration controllers
9:30 am-10:00 am: System specifications and performance
10:00 am-10:15 am: Coffee Break
10:15 am-12:00 pm: Control system configuration and check out
(Shaker system operation and fixtures)
12:00 pm-1:00 pm: Lunch break
1:15 pm-2:15 pm: Troubleshooting & best practices – is my system ok?
(THD, lateral vibration ratio, amplitude uniformity)
2:15 pm-2:30 pm: Coffee Break
2:30 pm-3:30 pm: Shaker operation and structural performance
(Operating modal from vibration data)
3:30 pm-4:30 pm: Hands on shaker operation
4:30 pm-5:00 pm: Summary comments and results sharing
6:00 pm-8:00 pm: Dinner