

PRESS RELEASE

FOR IMMEDIATE RELEASE

ACE announces selective soldering workshop schedule for 2017

November 29, 2015, Spokane Valley, Washington – ACE Production Technologies, Inc., a leading supplier of selective soldering systems, announces its 2017 schedule of selective soldering workshops. More than 225 attendees from over 115 different companies have participated in ACE selective soldering workshops including a 2-day introductory workshop and a 2-day advanced workshop. Optionally, attendees can attend a third day for additional hands-on training and are invited to bring their own circuit boards for detailed application analysis.

These highly successful workshops are scheduled throughout 2016 and feature a combination of classroom and hands-on curriculum that significantly compresses the learning curve for those new to the selective soldering process or those who wish to advance their in-depth knowledge.

Introductory Workshops

January 24-25, 2017
March 14-15, 2017
May 16-17, 2017
July 18-19, 2017
September 12-13, 2017
November 7-8, 2017

Advanced Workshops

April 25-26, 2017
August 15-16, 2017
October 17-18, 2017

Who Should Attend

- Process Engineers
- Manufacturing Engineers
- Production Technicians
- Quality Personnel

What They Will Learn

- How to improve your selective soldering effectiveness
- Programming tips and tricks
- How to reduce soldering defects
- Advanced troubleshooting techniques
- How to reduce post-solder rework and increase yields



Introductory Workshop

The classroom portion of the introductory workshop is conducted by well-known process expert Bob Klenke of ITM Consulting while the hands-on portion is taught by the expert staff members in the ACE application lab. Curriculum for the introductory selective soldering workshop includes:

- Fundamentals of through-hole soldering
- Solderability
- Solder alloys
- Flux deposition
- Flux activation
- Thermal profiling
- Design guidelines
- Quality measurement
- Troubleshooting guideline
- Process optimization
- Programming
- Preventative maintenance

Advanced Workshop

The classroom portion of the advanced workshop is instructed by renowned fabrication expert Stan Bentley of DIVSYS International with the hands-on segments taught by the ACE application staff. The curriculum for the advanced selective soldering workshop includes:

- Printed circuit board design manufacturability
- PCB characteristics impact the soldering process
- Laminate choices
- Surface finishes
- Plating thickness and layer count
- What parameters can the selective machine adjust for
- Optimal thermal transfer properties for effective soldering
- Solder joint inspection protocols
- Ionic contamination testing
- Solderability testing

The curriculum for these workshops is based on real-world practices and covers all aspects of the selective soldering process. Handout and reference materials are provided to each attendee. For more information about these selective soldering workshops, or to register for a workshop, contact Rae Ann Miller at rmiller@ace-protech.com or call 509-924-4898, Ext. 102.

About ACE

ACE Production Technologies, Inc. designs and builds simple and affordable selective soldering and lead tinning systems suitable for lead-free and tin-lead electronics assembly. ACE's complete line of rugged and reliable selective soldering systems all feature lead-free compatible solder pots and are ideal for low, medium or high volume production. ACE also provides solderability testing, lead tinning services and process development services. For more information, visit www.ace-protech.com, call 509-924-4898 or email sales@ace-protech.com.

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