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## SMART Group Launches On-Site Training

The SMART Group, (Surface Mount and Related Technologies Group), Europe's largest technical trade organisation proudly announces that it is launching a wide range of on-site one or two day training courses.

With its long term aim to promote the advancement of the electronics manufacturing industry through the education, training and networking of its members, the setting up of on-site training is a logical step. For nearly 25 years the group has organised leading edge technical seminars, conferences, meetings and offered training videos, CDs, technical reports, posters, free downloads to its members. It has long represented a valuable and dependable source of information and expert assistance among its members.

With the technical excellence of its active members, SMART Group is ideally placed to offer industry experts to provide outstanding, non commercial on-site training on a wide range of subjects. As an example the recent and on-going challenges of lead-free soldering, our involvement in the EU LEADOUT Project and over 8 years of Lead-Free Conferences, confirm our position to offer exceptional technical advice.

SMART Group Courses will offer both theory and practical hands-on training for all technical, managerial and support staff within the organisation. They can be tailored for each company requirement. Over 25 different courses are currently available.

Each delegate will receive a certificate of course attendance, the company will receive two interactive CD-ROMS to allow continued support.

For more information and course content, availability and costs please contact:

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# SMART Group On Site Training Workshops

List of SMART Group courses available:

LEAD-FREE Assembly & Soldering Introduction  
Practical Guide to Reflow Soldering & Profiling  
Hand Soldering & Desoldering Through Hole Assemblies  
Rework Repair of Surface Mount Assemblies  
Selective Soldering Design, Assembly & Quality Control  
Guide to Current & Future Electronics Related Legislation  
Lead-Free Inspection, Process Control and Defect Elimination  
Introduction to Ball Grid Array Design & Assembly  
Counterfeit Component – The Problem & Solutions  
Design & Assembly of 0201 & 01005 Chip Components  
Practical Hands on Solderability Testing  
Practical Static Control in Electronic Assembly  
Hands On BGA Inspection & Quality Control Workshop  
Step by Step Ball Grid Array & Rework and Repair  
Introduction to Conformal Coating printed Board Assemblies  
Part Per Million PPM Monitoring & Benchmarking Processes  
Flip Chip Assembly Underfill & Inspection  
Pin In Hole/Intrusive Reflow Design & Assembly  
Theory or Hands On Wave Soldering Tin/Lead and Lead-Free Assemblies  
LGA/QFN Design, Assembly, Soldering Inspection & Rework  
Practical Hands on Printed Board Cleanliness Testing  
Modern Electronic Assembly of Printed Circuit Boards for Managers  
Introducing Clean/No Clean Assembly Workshop  
Inspection & Quality Control in Surface Mount Assembly  
PCB Solderable Finishes for Fine Pitch Assembly  
Guide to Basic Printed Board Manufacture  
Printed Circuit Board Design for Manufacture & Assembly  
Solder Paste Printing For Fine Pitch, BGA/CSP & Through Hole Assemblies  
Basic Conventional Through Hole Printed Circuit Board Repair

Other topics may be available please contact Tony Gordon with your specific requirements