

## Video Lead-Free Soldering: Rework Courses

**Delivery:** DVD Video Format

[Sign in to access video course demos](#)

### Available Titles

**Lead-Free Soldering: Rework – Issues, Materials, Equipment**

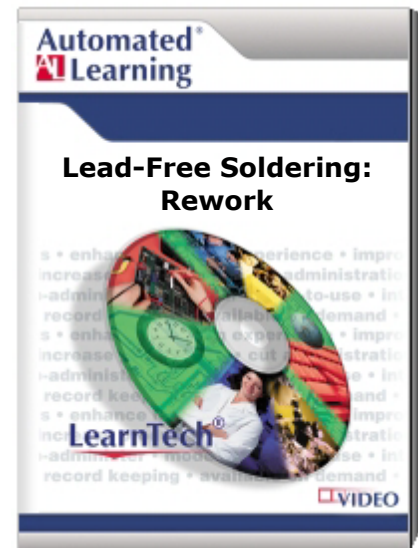
**Lead-Free Soldering: Rework – Process**

These courses are intended for rework operators, technicians and supervisors responsible for the rework of lead-free electronic assemblies.

- Convenient as an individual learning resource
- Ideal for instructor-led group presentation
- Easy to use and designed for audience participation
- Organized by chapters with discussion questions

These video lead-free soldering training courses are perfect for group presentation. Your Instructor can choose to select appropriate material by chapter and pause playback as on-screen questions are asked. This provides an opportunity for group participation and discussion.

Comes complete with instructor guide, course evaluation, and a knowledge quiz that allows your instructors to train, test, verify, and certify that students have understood the content.



### Purchase

You can purchase these Videos individually or as a bundled set.

- For secure automated on-line purchase of these video courses: [Buy now online](#)

**Lead-Free Soldering: Rework – Issues, Materials, Equipment**      \$399 USD  
**Lead-Free Soldering: Rework – Process**                                      \$399 USD

**Or for your best value** take advantage of the bundled set. Over 80 minutes of Lead-Free video training plus the Instructor Bonus materials - and you **save 20%!**

**Lead-Free Soldering: Rework - both courses**                                      \$638 USD

- To contact an ALC Learning Representative: [How to Buy](#)
- For online information on LearnTech® [Video Lead-Free Training](#):

<http://www.automatedlearning.com/products/VideoLeadFreeSolderingRework.cfm>

## Course Descriptions

### Lead-Free Soldering: Rework – Issues, Materials, Equipment

Course code: SLRIV

DVD Video Format

Length: 44 min

#### Prerequisite Knowledge:

Participants taking this course should be familiar with basic hand soldering and rework principles using tin/lead solders.

#### Video Content:

- Lead-free rework concepts.
- Areas affected by transition to lead-free.
- Defects more likely to occur with lead-free.
- Acceptable tin/lead and lead-free joints.
- Care of soldering equipment.
- Solder types: labelling, and naming conventions.
- Role of flux and the impact of lead-free.
- Impact on board laminates and finishes.
- Maintaining a mixed tin/lead and lead-free facility.

#### Chapters:

[Sign in to access video course demos](#)

- Introduction
- Rework Concepts
- Common Defects in Lead-Free
- Rework Equipment
- Rework Materials
- Labelling and Process

#### Included Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

For secure automated on-line purchase of this Lead-Free soldering video course:

[Buy now online](#) \$399 USD

Or contact an ALC Learning Representative: [How to Buy](#)

## Lead-Free Soldering: Rework – Process

Course code: SLRPV

DVD Video Format

Length: 38 min

### Prerequisite Knowledge:

Participants taking this course should be familiar with basic hand soldering and rework principles using tin/lead solders.

### Video Content:

- Removal, cleaning, and replacement for through-hole, SMT.
- Cleaning procedures after lead-free rework.
- Moisture control in lead-free rework.
- Challenges in reworking SMT area-array devices.
- Optical and X-ray Inspection for area-array devices.
- Temperature issues for area-array devices.

### Chapters:

[Sign in to access video course demos](#)

- Introduction
- Desoldering Tools and Process
- Desoldering & Component Removal
- Component Replacement
- Area Array Devices
- Area Array Rework

### Included Bonus Instructor Resource Disk With:

- LearnTech® Video Training Instructor Guide
- LearnTech® Video Training Course Evaluation Survey
- LearnTech® Quiz Modifiable student format
- LearnTech® Quiz Instructor Answer and Scoring Key

For secure automated on-line purchase of this Lead-Free Soldering video course:

[Buy now online](#) \$399 USD

Or contact an ALC Learning Representative: [How to Buy](#)

### eLearning versions

Content of these Lead-Free video training courses is [also available](#) in our acclaimed LearnTech® eLearning-format that features:

- Automated registration, tracking, testing, certification – for reduced administration time
- Flexible online access -“always available” 24x7 across shifts, departments, locations
- Latest video and interactive multimedia technology – for interest, involvement and fun
- Self-paced delivery – that improves the efficiency and effectiveness of learning
- Individual on-demand training – no waiting for the class schedule
- Reduced language barriers for students – with other languages available
- Shorter student away-from-work training time – that lowers training costs significantly
- Reduced demand on your expert resources to deliver instruction on “the basics”
- Compliance with ISO and industry standards for training and qualification records
- Standardized training - consistent, accurate reliable content every time
- Convenient easy to use training - point and click to learn, it's that simple