



## **EVT WAVE SOLDERING FUNDAMENTALS (101) COURSE**

Online Training Course

**Course ID: SP146**

### **ITW EAE Learning**

Our eLearning courses are specifically designed to provide engaging and interactive learning opportunities for operators, technicians, engineers and/or managers to be introduced to or build upon the knowledge and skills needed to successfully operate, maintain, program, or troubleshoot their Electrovert Electra Vectra wave soldering system. Online courses are designed to cover beginning and intermediate competencies and should be mastered before considering more advanced, in person training. Courses require a reliable internet connection and can be viewed at your own pace on your phone, tablet, or pc laptop.

### **Course Overview:**

In this module, you will learn about the essentials of wave soldering. This includes the components, equipment, and techniques of wave soldering, focusing on practical understanding and application. You will also gain insights into process parameters, defect identification, and quality assurance.

**Who Should Take this Course:** Anyone who wants to learn more about wave soldering, regardless of whether they have direct interaction with EVT Electra Vectra wave soldering systems or not.

**Prerequisites:** None

**Time Requirements:** 55-65 minutes    **Assessments:** Quiz    **Languages:** English

### **Learning Objectives:**

- Gain a basic understanding of what wave soldering is and its role in electronics manufacturing.
- Learn about the primary components and basic equipment used in wave soldering.
- Acquire knowledge of the fundamental steps and stages in the wave soldering process.
- Recognize basic process controls and their impact on soldering quality.
- Understand the types and roles of solder, flux, and heat used in wave soldering.
- Develop an awareness of common defects in wave soldering.

For more information and pricing, please contact ITW EAE at [training@itweae.com](mailto:training@itweae.com).