

**Vitronics Soltec**

VS REFLOW SOLDERING FUNDAMENTALS (101) COURSE

Online Training Course

Course ID: GEN-SP-E-4014

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 Vitronics Soltec Centurion reflow oven. 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 reflow soldering. This includes the components, equipment, and techniques of reflow soldering, focusing on practical understanding and application. You will also gain insights into process parameters and defect identification.

Who Should Take this Course: Anyone who wants to learn more about reflow soldering, regardless of whether they have direct interaction with VS Centurion ovens or not.

Prerequisites: None

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

Learning Objectives:

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

For more information and pricing, please contact ITW EAE at training@itweae.com.