

**KA210-VET-Small-scale partnerships in vocational education and training project**  
**number: 2024-2-PL01-KA210-VET-000277645**

## **AR Welding Training Program**

**Duration per day** : 8 hours **Breaks** : 2 × 15 minutes + 1 × 90 minutes (lunch)

### **Day 1 – Introduction and familiarization with the simulator**

- 11:00–11:30: Registration , program introduction, health and safety regulations
- 12:00–12:30: Introduction to the course, health and safety regulations in force in the workshop
- 12:45–14:00: Presentation of the AR simulator (interface, login, hardware)
- 14:00–15:30: Lunch break
- 15:45–17:15: Creation of profiles in the AR program for all participants
- 17:30–18:00: First exercises without welding – running the torch ( Dry Run)

### **Day 2 – Learning MAG welding in various positions**

- 09:00–10:30: MAG welding characteristics and typical parameters
- 10:45–13:45: Virtual fillet and butt welds – PA, PB, PC, PF positions
- 13:00–14:00: Corrective exercises (arc maintenance, tempo)
- 14:00–15:30: Lunch break
- 15:45–16:30: Specialized exercises (various sheet thicknesses) – PA, PB, PC, PF positions
- 16:30–17:00: Error analysis: gap, angle, speed – simulator reports and recordings.

### **Day 3 – Learning TIG welding in various positions**

- 09:00–10:30: MAG welding characteristics and typical parameters
- 10:45–13:45: Virtual fillet and butt welds – PA, PB, PC, PF positions
- 13:00–14:00: Corrective exercises (arc maintenance, tempo)
- 14:00–15:30: Lunch break
- 15:45–16:30: Specialized exercises (various sheet thicknesses) – PA, PB, PC, PF positions
- 16:30–17:00: Error analysis: gap, angle, speed – simulator reports and recordings

### **Day 4 – Learning to weld using the MMA method in various positions**

- 09:00–10:30: MAG welding characteristics and typical parameters
- 10:45–13:45: Virtual fillet and butt welds – PA, PB, PC, PF positions
- 13:00–14:00: Corrective exercises (arc maintenance, tempo)
- 14:00–15:30: Lunch break
- 15:45–16:30: Specialized exercises (various sheet thicknesses) – PA, PB, PC, PF positions
- 16:30–17:00: Error analysis: gap, angle, speed – simulator reports and recordings

### **Day 5 – Training Summary and Consultations**

- 09:00–10:30: Reading and analysis of the AR progress report
- 10:45–1:45 p.m.: Weekly meeting summary
- 14:00–15:30: Lunch break
- 15:45–17:00: Welding Technology and Erasmus program certificates handed out