

Consider the federal Integrated Education and Training (IET) program requirements. Discuss the aspects of the program that meet WIOA regulations and state policies for an IET? Think about: Are the three required IET components included? Is there a single set of learning objectives to demonstrate integration? Does learning occur simultaneously (concurrently)? Are occupationally relevant instructional materials being used (contextually)? Is the IET in a career pathway and responsive to workforce development needs? What additional information is needed?

ABC College has a history of offering technical diplomas that are responsive to the workforce. The college Adult Education department has developed an IET program in welding. The welding occupation has immediate employment needs in the region and is also identified as a “hot job” in the regional Workforce Development Area plan.

An adult education and welding faculty member collaborated to design a set of learning objectives that bring together competencies in workforce training, adult education/literacy skills, and workforce preparation. The welding faculty revealed that comprehension of manufacturing safety language and math foundations in measurement and fractions are vital to the success in the welding program curriculum and the workforce. A sample of the learning objectives are provided below.

At completion of the IET, participants receive the OSHA 10 certification and four college credits within the college’s short-term technical diploma program in welding. The adult education and welding faculty member team teach the IET together in the same classroom 50% of the time. In addition, the adult education faculty member coordinates separate math and reading comprehension support sessions.

Sample of Welding IET Single Set of Learning Objectives:

Integrated Learning Objective:		
1. Given a micrometer, a 6” scale, simple manufacturing specification blueprint with missing measurements, and a math worksheet, learners will apply knowledge of fractions and decimals to take and record precise measurements in decimals and fractions and use the measurements to answer fraction and decimal addition and subtraction questions with 80% accuracy.		
Workforce Training Skills:	Adult Education/Literacy Skills:	Workforce Preparation Skills:
<ul style="list-style-type: none"> • Read a 6” scale • Read a micrometer • Read a simple blueprint 	<ul style="list-style-type: none"> • Convert measurements from inches to centimeters • Convert whole numbers to fractions • Add and subtract fractions 	<ul style="list-style-type: none"> • Apply mathematical operations, concepts, and reasoning • Demonstrate self-management strategies

Integrated Learning Objective:		
2. During a demonstration of machine usage, the learner will use machine-specific safety for the purpose of maintaining a safe working environment and develop a personal job aid with 100% accurately described safety practices in both the workplace and when using specific machinery.		
Workforce Training Skills:	Adult Education/Literacy Skills:	Workforce Preparation Skills:
<ul style="list-style-type: none"> • Understand and apply shop safety practices • Understand and apply machine safety practices 	<ul style="list-style-type: none"> • Integrate information presented in different media or formats (e.g., in charts, graphs, photographs, videos, or maps) as well as in words to develop a collection of key aspects of safety required in the manufacturing industry 	<ul style="list-style-type: none"> • Reads with understanding • Applies health and safety concepts • Observes critically • Locates and uses resources • Demonstrates self-management strategies