



IET Design Camp – Cohort Meeting #3

Phase 3: Develop and Implement



Quick Reminders



Make sure you are signed into the Zoom desktop client rather than through the browser version.



We recommend using your computer for audio to facilitate participation.



Please mute your microphone and turn on your camera.



During the webinar, chat the entire group for questions and comments related to the content.



If you experience problems during the webinar, message or email _____ at _____.



Remember to take notes in your Participant Guide!



Agenda

- Introduction
- Key Takeaways from the Develop and Implement Phase
- Developing the Single Set of Learning Objectives
- Where You've Been: Team Activity
- What's Next:
 - Individual Assignment
 - **Today's Cohort Discussion** and Wrap-Up from your breakout rooms

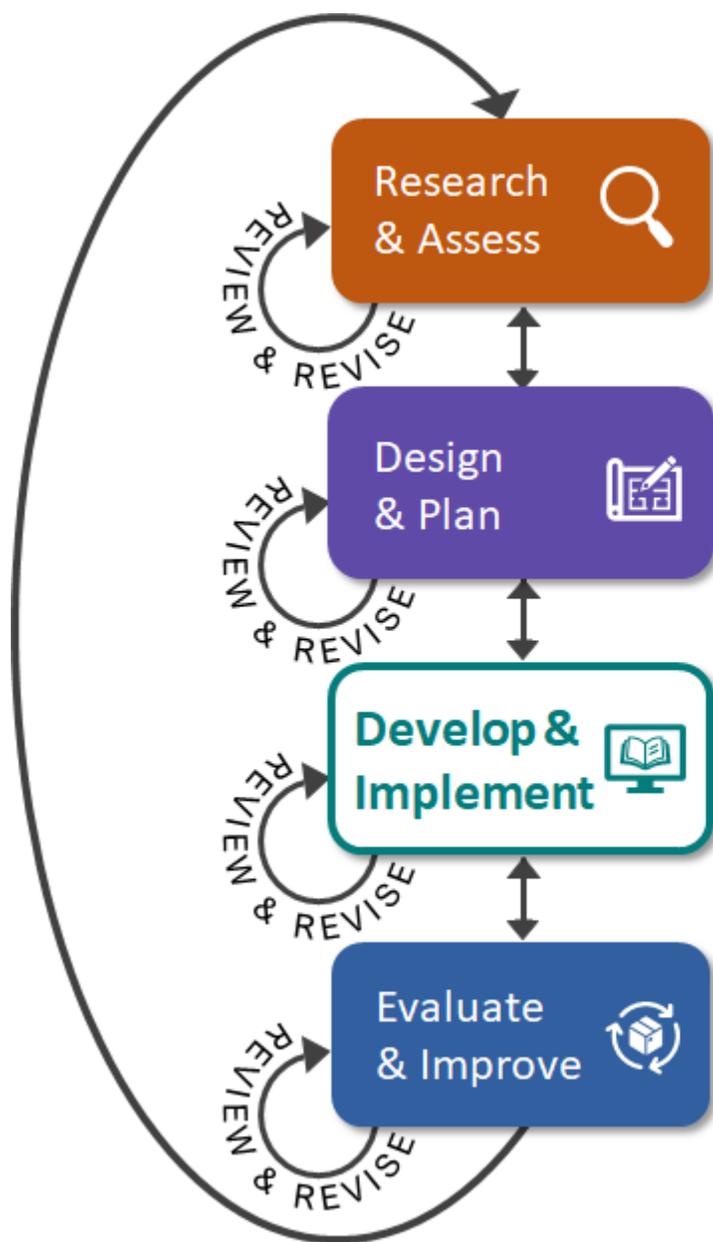
IET Design Camp

WE ARE HERE

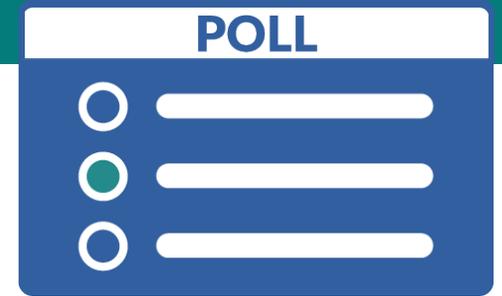


WEEK 1	WEEKS 2 & 3	WEEKS 4 & 5	WEEKS 6 & 7	WEEKS 8 & 9
Orientation	Phase 1: Research and Assess 	Phase 2: Design and Plan 	Phase 3: Develop and Implement 	Phase 4: Evaluate and Improve 
MONDAY Toolkit reading assignment	MONDAY Toolkit reading assignment	MONDAY Toolkit reading assignment	MONDAY Toolkit reading assignment	MONDAY Toolkit reading assignment
TUESDAY Training Webinar	TUESDAY Training Webinar	TUESDAY Training Webinar	TUESDAY Training Webinar	TUESDAY Training Webinar
	WED – MON Team Activity	WED – WED Team Activity	WED – WED Team Activity	WED – WED Team Activity
	TUESDAY Cohort Discussion	THURSDAY Cohort Discussion	THURSDAY Cohort Discussion	THURSDAY Closing Session

Key Tasks for Develop & Implement Phase



- ✓ Orient staff and stakeholders and provide professional development
- ✓ Develop the IET curricula with a single set of learning objectives
- ✓ Develop tools, procedures, and program materials
- ✓ Implement the IET program and collect data



Poll: Your IET Development Status

Which phase of IET development are you currently in?

Select one:

- A. Research and Assess
- B. Design and Plan
- C. Develop and Implement
- D. Evaluate and Improve
- E. I'm not sure
- F. Other (please explain)

5

Key Takeaways from Phase 3: Develop and Implement



An IET program has a single set of learning objectives that identify the specific adult education content, workforce preparation activities and workforce training competencies to ensure the IET program activities are organized to function cooperatively.



An effective integrated learning objective has three components:

- 1) Conditions** under which the learner will demonstrate competency
- 2) Behavior** the learner will perform to demonstrate competency (action verbs)
- 3) Criteria** by which competency will be measured



Together, the integrated learning objectives across the curricula become the SSLO.



Building out the contextualized units, lessons, activities, and assessments is an iterative process that requires close collaboration.



The IET program should first be implemented with fidelity (as it was designed) in order to accurately measure the impact of your planned intervention strategies and inform continuous improvement decisions.

Example:* Integrated Learning Objective for an SSLO

MANUFACTURING IET PROGRAM

Integrated Learning Objective(s):

1.1 Given a micrometer, a 6" scale, a 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 both decimal and fractions and use the measurements to answer fraction and decimal addition and subtraction questions with 80% accuracy.

Workforce Training Skills and Competencies	Adult Education Content Standard(s)	Adult Education Literacy Skills and Competencies	Workforce Preparation Skills and Competencies
<ul style="list-style-type: none"> • Read a 6" scale • Read a micrometer • Read a simple blueprint 	<ul style="list-style-type: none"> • Extend understanding of fraction equivalence and ordering (Mathematics 4.NF.1 – 4.NF.2) • Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers. (Mathematics 4.NF.3 – 4.NF.4; 5.NF.1 - 5.NF.6) • Measure and estimate lengths in standard units (Mathematics 2.MD.2 - 2.MD.4) 	<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 quality consciousness • Demonstrate self-management strategies • Work within a team

*Based on Seneca Highlands IU 9 IET program, used with permission.

Single Set of Learning Objectives Template

MANUFACTURING IET PROGRAM

Single Set of Learning Objectives:

- 1.1** Given a micrometer, a 6" scale, a 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 both decimal and fractions and use the measurements to answer fraction and decimal addition and subtraction questions with 80% accuracy.
- 2.1** 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.
- 3.1** Given customer specifications for a product, learners will demonstrate an understanding of the manufacturing process order of operations by writing a detailed set of instructions for producing the product to the customer specifications with at least 80% accuracy, and orally explain the steps with classmates.
- 3.2** Given customer specifications for a product, the learner's written instructions for manufacturing the product, and the necessary tools and equipment, learners will demonstrate the necessary knowledge and skills for using the equipment by producing the product to the customer specifications with at least 80% accuracy.

Example:
Learning
Objectives
Combine to
Form the
SSLO

Where You've Been – Team Activity



Over the last week, you used the **IET Planning Tool** to complete at least one of the following:

- Think about your single set of learning objectives.
 - If you already have an SSLO, use the SSLO rubric to evaluate them and identify opportunities to strengthen them.
 - If you're in an earlier planning state, brainstorm one or two learning objectives that might apply to your IET program, using the approach discussed this week.

Individual Assignment



Phase 4: Evaluate and Improve

Before the next meeting on [INSERT DATE and TIME]:

- Read **Section 4.0 Evaluate and Improve** in the IET Toolkit.
- Review all desk aids for the section.
- Take notes and write down your questions about the **Evaluate and Improve Phase** in your Participant Guide.

Cohort Discussion #3

Develop and Implement Phase



Discussion Topics:



60-70
min.

- Which team activity did you choose?
- Were you able to make progress on it?
- How is the SSLO approach described in the IET Toolkit and our training similar to or different from your current approach?

Ask questions and share ideas!