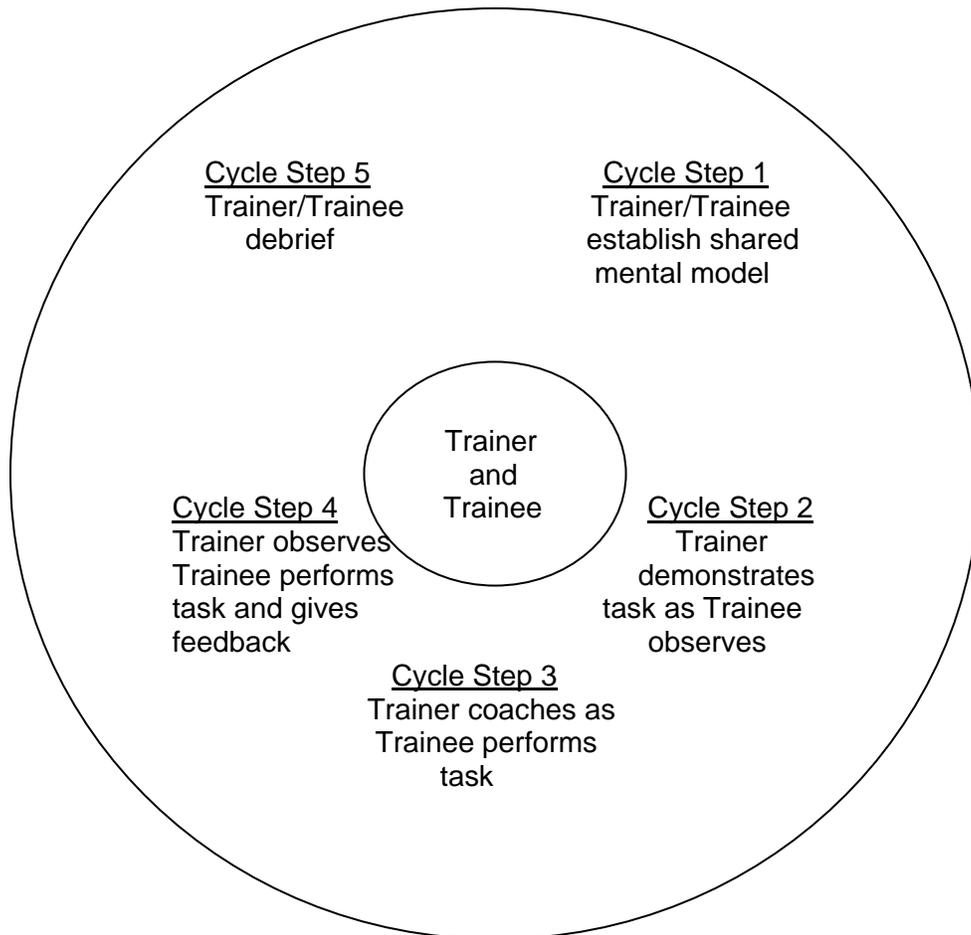


OJT Training Module Cover Sheet

Title: 122 Soil Consistence: How to describe manner of failure.
Type: <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to ... <ul style="list-style-type: none">• Describe and record manner of failure using the <i>Field Book for Describing and Sampling Soils</i>.
Target Proficiency: <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input type="checkbox"/> Perform w/ Supervision <input checked="" type="checkbox"/> Apply Independently <input type="checkbox"/> Proficiency, can teach others
Trainer Preparation: <ul style="list-style-type: none">• Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.• Have soil samples and field locations with pit, trench, road cut, or auger borings available.• Have the <i>Field Book for Describing and Sampling Soils</i> available.• Have hardcopy of the 232 soil description form or Pedon PC available.
Special Requirements: <ul style="list-style-type: none">• Initiate an external learning request with a SF-182 in Aglearn for this activity. Instructions and a template are located on the training webpages for OJT modules.• Evaluation of fluidity should be done on subaqueous, very poorly or poorly drained soils to find material suitable for developing skill in describing all classes.
Prerequisite Modules: <ul style="list-style-type: none">• 101 How to use the <i>Field Book for Describing and Sampling Soils</i>.• 102 How to fill out a 232 soil description form.
Notes: Smeariness failure classes are used primarily in Andic materials and Spodic materials. These materials may not be found in your soil survey area.
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Approved by: Marc Crouch

The Five-Step OJT Cycle for Procedural Training (Skill)



OJT Module Lesson

Title: Soil Consistence: How to describe manner of failure.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should access via the internet and read Soil Survey Manual, Chapter 3 section on manner of failure.</p> <p>Access hardcopy or via the internet and review material about manner of failure in the <i>Field Book for Describing and Sampling Soils</i>, with emphasis on manner of failure.</p>
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	Note the description and criteria given in each table for brittleness, fluidity, and smeariness. Note the footnote for smeariness failure classes.
2. Demonstrate describing and recording brittleness, fluidity, and smeariness following the Field Book instructions.	<p>Estimate each in the field as available in the soil survey area.</p> <p>Review the attachment n-Values.pdf to determine fluidity.</p> <p>Record each on the 232 soil description form.</p>
Cycle step 3	Coaching the trainee, have the trainee describe and record the failure classes as appropriate in your survey area.
Cycle step 4	Repeat cycle step 3 without coaching.
Cycle step 5	During project activities, assign the trainee the task of describing and recording failure classes as soil descriptions are completed.
Cycle step 5	Answer any questions. Repeat any steps as necessary.

OJT Module Lesson Measurement of Learning

Title: Soil Consistence: How to describe manner of failure.

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Describe manner of failure routinely during project activities.	During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.

SF-182

Trainee and/or supervisor access Aglearn to verify completion of the module via its SF-182.