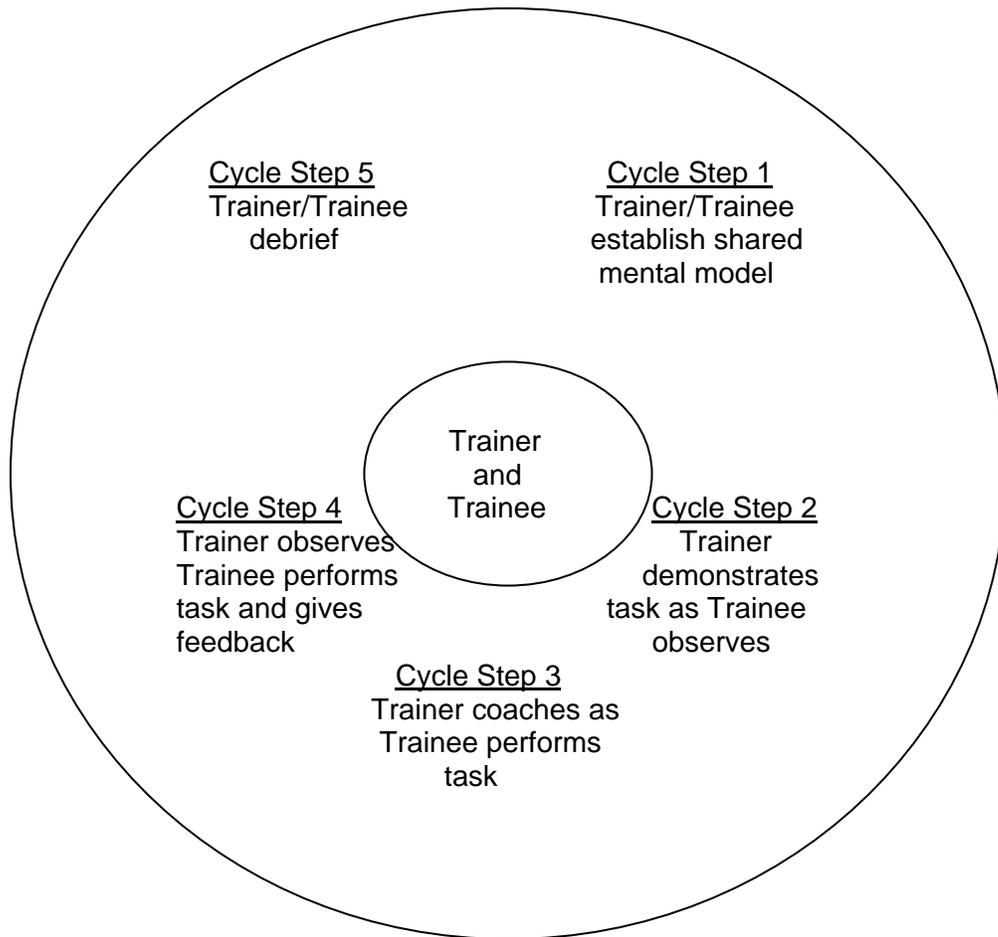


## OJT Training Module Cover Sheet

<b>Title:</b> 111 How to describe ped and void surface features.
<b>Type:</b> <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
<b>Performance Objective:</b> Trainee will be able to ... <ul style="list-style-type: none"><li>• Describe and record ped and void surface features using the Munsell Soil-Color Charts and the <i>Field Book for Describing and Sampling Soils</i>.</li></ul>
<b>Target Proficiency:</b> <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
<b>Trainer Preparation:</b> <ul style="list-style-type: none"><li>• Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.</li><li>• Have soil samples and field locations with pit, trench, road cut, or auger borings available.</li><li>• Have the Munsell Soil-Color Charts available.</li><li>• Have the <i>Field Book for Describing and Sampling Soils</i> available.</li><li>• Have hardcopy of the 232 soil description form or Pedon PC available.</li></ul>
<b>Special Requirements:</b> 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.
<b>Prerequisite Modules:</b> <ul style="list-style-type: none"><li>• 101 How to use the Field Book for Describing and Sampling Soils.</li><li>• 102 How to fill out a 232 soil description form.</li><li>• 106 How to use the Munsell Soil Color Charts to describe soil colors.</li></ul>
<b>Notes:</b> None
<b>Authors:</b> Marc Crouch
<b>Approved by:</b> Shawn McVey

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



## OJT Module Lesson

Title: 111 How to describe ped and void surface features.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should access via the internet and read Soil <b>Survey Manual, Chapter 3</b> section on <b>Internal Surface Features</b>.</p> <p>Access hardcopy or via the internet and review material for <b>ped and void surface features</b> in the <i>Field Book for Describing and Sampling Soils</i>.</p>
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	Note that kind, amount (class and % of area covered), distinctness, location, and color (dry or moist) are usually recorded.
2. Demonstrate how to describe and record ped and void surface features as found in the survey area.	<p>Do this in the field.</p> <p>Discuss what kinds (coats, films, hypocoats, and stress features) of ped and void surface features occur in the survey area.</p>
Cycle step 3	Coaching the trainee, have the trainee describe and record ped and void surface features as appropriate in the survey area.
Cycle step 4	<p>Repeat cycle step 3 without coaching.</p> <p>During project activities, assign the trainee the task of recording and describing these features as soil descriptions are completed.</p>
Cycle step 5	Answer any questions. Repeat any steps as necessary.

## OJT Module Lesson Measurement of Learning

Title: **111 How to describe ped and void surface features.**

<b>WHAT</b>	<b>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</b>
Describe ped and void features 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.