# OJT Training Module Cover Sheet

**Title:** 706 How to conduct a gap intercept

<table>
<thead>
<tr>
<th>Type:</th>
<th>X Skill</th>
<th>□ Knowledge</th>
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</thead>
</table>

**Performance Objective:** Trainee will be able to…
- Use the gap intercept method for quantifying gaps between plant canopies as indicators of potential wind erosion and weed invasion and between plant bases as indicators of runoff and water erosion.

**Target Proficiency:**
- □ Awareness
- □ Understanding
- □ Perform w/ supervision
- X Apply independently
- □ Proficiency, can teach others

**Trainer Preparation:**
- Be familiar with the assigned reading and review material in the lesson plan that follows.

**Special Requirements:**
- None

**Prerequisite Modules:**
- None

**Notes:**
- None

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**Approved by:**
- Shawn McVey
The Five-Step OJT Cycle for Procedural Training (Skill)

Cycle Step 5
Trainer/Trainee
debrief

Cycle Step 1
Trainer/Trainee
establish shared
mental model

Cycle Step 4
Trainer observes
Trainee perform
task and gives
feedback

Cycle Step 2
Trainer
demonstrates
task as Trainee
observes

Cycle Step 3
Trainer coaches as
Trainee performs
task

Trainee and
Trainee
### OJT Module Lesson

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<table>
<thead>
<tr>
<th>WHAT</th>
<th>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</th>
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</thead>
</table>
| **Cycle Step 1** | You and trainee review objectives of module. You and trainee read and review:  
- Monitoring Manual for Grassland, Shrubland and Savannah Ecosystems, Quick Start (Volume I)  
  - Long Term Methods  
    - Gap intercept (page 16)  
  Note: An electronic copy of reference material can be downloaded from numerous sites. |
| **Cycle Step 2** | Show trainee how to set up and conduct the gap intercept method.  
- Review materials  
- Review data form  
- Follow the standard method as described:  
  - Steps 1-4 for both canopy and basal gap intercept  
  - Step 5 for canopy gaps  
  - Step 6 for basal gaps  
- Complete canopy and basal gap intercept calculations |
| **Cycle Step 3** | Coach trainee as trainee completes a gap intercept on another selected plot. |
| **Cycle Step 4** | Repeat Cycle Step 3 without coaching. |
| **Cycle Step 5** | Provide feedback and debrief trainee. Reinforce specific items as needed until trainee is able to independently conduct a gap intersect. |
OJT Module Lesson Measurement of Learning

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<th>WHAT</th>
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<tbody>
<tr>
<td>Trainee’s learning is measured.</td>
<td>During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.</td>
</tr>
<tr>
<td>Follow-up</td>
<td>Follow-up should be done within 6 months to make sure training is retained.</td>
</tr>
</tbody>
</table>

Performance Report Form

Complete attachment: Trainee Performance Report Form template.pdf

or

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