Monday - August 14 - Classroom

Time	Topic
12:00	Introductions/Training Overview
12:15	Group Project - Introduction and Assignment
12:45	Demonstrating Properties of Soil Health in the Field
1:30	Soil Biology
2:30	Break
2:45	Soil Biology Review Activity
3:15	Soil Health Principles
4:15	Logistics/Group Project - Work Time
4:30	Adjourn

Tuesday, August 15 - Farm (am), Classroom (pm)

8:00 Welcome/Review
8:15 Demonstrating the Importance of Soil Health/Soil Health Practices
9:15 Resource Concerns and Soil Health Indicators
10:15 Break
10:30 IFSHA Importance and Use
…Implementation of the IFSHA (when, where, why, how)
…Field and sample site selection for IFSHA (what is the "right" field?)
11:30 First Elevator Speech
12:00 Lunch
1:15 Reassemble/Overview
1:30 The Climate Smart/Soil Health Connection
…General trends for WI, Definitions - mitigation vs adaptation, carbon storage vs carbon sequestration, etc, overlap of climate smart and soil health, climate smart program practices
2:00 Break
2:15 Strategizing a Soil Health Management System
3:30 Group Project - Work Time
4:15 Logistics
4:30 Adjourn

Wednesday, August 16 - Farm (am), Classroom (pm)

8:00 Welcome/Review
8:15 Talking and Learning from our Clients

…Facilitated discussion - farm overview, big picture resource concerns and conservation goals, current managmenet and future management goals, conservation/practice successes (what went right and why), conservation/practice less than successes (what went wrong and why), challenges/limitations to practice adoption (soil, climate, resource, economic, social, etc), ideal qualities in an NRCS partner

9:30 Break
9:45 Power of Observations - Seeing like a Soil Scientist
…What should you know before coming to the field? Local landscape assessment/discussion (geologic history, common resource challenges, how to "scan the horizon")
…Inherent vs dynamic soil properties and impact on soil health (what we can't change and how it impacts what we can) …Key things to look at on an OSD
…Soil pit (what are the plants, soils, and animals telling us?)

…Alternative excavation methods (I can't have a pit, but I can…)

11:45 Lunch
1:00 Reassemble/Overview
1:15 Ecological Management
2:45 Break
3:00 Cover Crop Management
4:00 Group Project - Work Time
4:15 Logistics
4:30 Adjourn

Thursday, August 17 - Farm (all day)

8:00 Welcome/Review
8:15 IFSHA Stations
Soil Chemistry - EC, pH, test strips, infiltration, soil texture, soil temperature
Soil Physics - Penetration resistance, soil structure, water stable aggregates, crusting, ponding
Soil Biology - Soil cover, residue, soil color, plant roots, biological diversity, biopores, rhizosheaths
9:45 Break
10:00 Guided IFSHA Group Activity
…evaluate multiple sites, develop intepretations, basic recommendations, report out
11:15 Advanced Soil Health Assessment Tools
…analytical tools in our toolbox, situation where they're used
12:15 Lunch
1:30 Talking and Learning from Clients

...Facilitated discussion - farm overview, big picture resource concerns and conservation goals, current managmenet and future management goals, conservation/practice successes (what went right and why), conservation/practice less than successes (what went wrong and why), challenges/limitations to practice adoption (soil, climate, resource, economic, social, etc), ideal qualities in an NRCS partner

2:45 Break
3:00 Independent IFSHA Group Activity
…evaluate multiple sites, develop intepretations, basic recommendations, report out
4:00 Presentation of Final Elevator Speech
4:30 Adjourn

Friday, August 18 - Classroom

8:00 Welcome/Review
8:15 Grazing Management
9:30 Break
9:45 Social and Economic Activity
10:15 Group Project - Work Time
10:45 Group Project - Report Out
12:00 Adjourn