CREATING THE CURRICULUM

Materials available through the catalog can be combined to create a curriculum for a workshop with a *maximum* length of two weeks. However, materials can be selected to create workshop curricula of shorter duration.

It is imperative to design a curriculum and select appropriate materials based on an overall workshop goal. That is, what is the purpose of the workshop, who are the intended participants, what specific information is needed by participants to reach the stated purpose, and how much time is needed to provide the necessary information? If these questions have not been answered completely (and accurately) then the subsequent curriculum that is designed is nothing more than a collection of materials thrown at the workshop participants. The "sink-or-swim" approach to curriculum development rarely, if ever, results in a useful workshop.

Example Guide for Curriculum Development

Workshop Name

Veterinary Epidemiology – Management Plans for Animal Diseases & Production International Workshop

Workshop Purpose

As a result of the workshop, participants are able to apply the principles of veterinary epidemiology to provide relevant, appropriate information that aids decision-making for animal health programs. Participants acquire basic epidemiological skills and learn appropriate epidemiologic tools in animal disease surveillance/survey systems that focus on improving disease control programs. Emphasis is placed on analysis and interpretation of field data, diagnostic test results, and the use of economic principles in animal health.

Intended Participants

International Animal Health professionals working in their government services who are able to speak and understand the English language.

Necessary Information & Time Distribution

The topics deemed necessary to include in this two week workshop include all those for which materials are provided in this catalog: veterinary epidemiology concepts, surveillance, epidemiologic indices, disease control, diagnostic tests, economics, epidemiologic study designs, sampling, sample size determination, statistics, disease freedom, risk analysis introduction, and decision making for animal health programs. Provided below is a *generic* agenda to use as an example of time distribution for each of the topics. The order of topics and/or the length of time spent per topic can be modified.

Generic Workshop Agenda

DAY 1	
08:00 – 9:00	**Welcome & Introductions**
9:00 – 11:30	**Veterinary Epidemiology Concepts** *Includes Break (10:00 – 10:20)*
11:30 – 12:00	**Surveillance Systems**
12:00 – 13:00	Lunch

13:00 – 15:00	**Surveillance System Design**
15:00 – 15:15	Break
15:15 – 16:30	**Prioritizing Surveillance Activities Group Activity**
16:30	**Wrap-up & Reading Assignment (for next topic)**
DAY 2	
08:00 – 9:00	**Review & Discussion**
9:00 – 12:00	**Epidemiologic Indices** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 14:30	**Database Design & Data Presentation**
14:30 – 16:30	**Epidemiologic Indices Group Activity** *Includes Break (15:00 – 15:15)*
16:30	**Wrap-up & Reading Assignment**
DAY 3	
08:00 – 9:00	**Review & Discussion**
9:00 – 12:00	**Disease Control** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 15:00	**Surveillance & Disease Control Activity**
15:00 – 15:15	Break
15:15 – 16:30	**Global Disease Control**
16:30	**Wrap-up & Reading Assignment**
DAY 4	
08:00 – 9:00	**Review & Discussion**
9:00 – 12:00	**Diagnostic Tests** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 15:00	**Diagnostic Tests: Examples with Epi Z**
15:00 – 15:15	Break
15:15 – 16:30	**Diagnostic Test Sensitivity & Specificity Interpretation Activity**
16:30	**Wrap-up & Reading Assignment**
DAY 5	
08:00 – 9:00	**Review & Discussion**
9:00 – 11:30	**Epidemiology & Economics** *Includes Break (10:00 – 10:20)*
11:30 – 12:00	**Question & Answer Time**
12:00-13:00	Lunch
13:00 – 15:00	**Epidemiologic Studies**

15:00 – 15:15	Break
15:15 – 16:30	**Topical Wrap-up for Week 1 & Reading Assignment**
DAY 6	
08:00 – 9:00	**Review**
9:00 – 12:00	**Sampling Strategies & Sample Size** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 14:30	**Sampling Examples & Activity**
14:30 – 16:30	**Survey Design Activity** *Includes Break (15:00 – 15:15)*
16:30	**Wrap-up & Reading Assignment**
DAY 7	
08:00 – 9:00	**Review**
9:00 – 12:00	**Introduction to Probabilities** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 16:30	**Statistics in Epidemiology** *Includes Break (15:00 – 15:15)*
16:30	**Wrap-up & Reading Assignment**
DAY 8	
08:00 – 9:00	**Review**
9:00 – 12:00	**Statistics - Measures of Association & Risk** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 15:00	**Disease Freedom**
15:00 – 15:15	Break
15:15 – 16:30	**Additional time for optional activities or "catch-up"** *Often, additional time is needed for sampling and statistics questions*
16:30	**Wrap-up & Reading Assignment**
DAY 9	
08:00 – 9:00	**Review**
9:00 – 12:00	**Risk Analysis Introduction, Public Policy, Regionalization, & Discussion** *Includes Break (10:00 – 10:20)*
12:00 – 13:00	Lunch
13:00 – 15:00	**Risk analysis - LPAI in meat example**
15:00 – 15:15	Break
15:15 – 16:30	**Risk Analysis Activity**
16:30	**Wrap-up & Reflection** • How will you use the information you learned in this workshop?

DAY 10	
08:00 – 9:00	**Review**
09:00 – 10:00	**Decision Making for Animal Health Programs**
10:00 – 10:20	Break
10:20 – 11:30	**Wrap-up & Reflection Discussion**
11:30 – 12:00	**Certificates & Course Assessment**