

Syllabus

University of Zimbabwe
Department of Community Medicine
MPH Module 2 – Epidemiology, Demography
2003

Week 1 19-23 January

	Monday 19 January	Tuesday 20 January	Wed. 21 January	Thursday 22 January	Friday 23 January
8:30-10:00	Introduction to Epidemiology/ Descriptive Epidemiology	Displaying data – Tables, Graphs, and Charts	Measures of Central Tendency and Dispersion Principles of Epidemiology, Lesson 3 exercises, review exercise 3.10	Continue Cohort studies	Case-control studies
10:00-10:30	TEA		TEA		
10:30-1:00	Measures of Frequency Principles of Epidemiology: Exercises 2.5, 2.8, 2.10, 2.11, 2.13, 2.14 (a-h)	Exercises and start case study of Unknown disease in SC	Introduction to Study Designs – Descriptive studies	Case control studies	Further study designs (intervention, RCT, community intervention, etc)
1:00-2:00	LUNCH		LUNCH		
2:00-4:30	Medical Library Tour (may also have time to do some exercises from morning session)	Complete case study	Cohort studies	Case control studies	Measures of association and impact- Examples Pass out smoking case study
Reading Assignments	Epidemiology in Medicine, Chapter 1 and pp. 54-72 Principles of Epidemiology, Lesson 1 and, Lesson 2, pp. 73-93, 100-114, 116-117	Epidemiology in Medicine, pp. 218-219 Principles of Epidemiology, Lesson 4	Epidemiology in Medicine, pp. 231-242 and Chapters 5, 6, and 7 Principles of Epidemiology, Lesson 3	Epidemiology in Medicine, Chapters 5, 6, and 7	Epidemiology in Medicine, pp. 73-100, Chapters 6, 7 Smoking case study

Appendix 6: Syllabus

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Week 2 26-30 January:

	Monday 26 January	Tuesday 27 January	Wed. 28 January	Thursday 29 January	Friday 30 January
8:30-10:00	Introduction to causality Case study- smoking and lung cancer	Screening/Disease Prevention	Sampling	Surveillance	Monthly meeting
10:00-10:30	TEA				
10:30-1:00	Continue Case study	HIV screening Case study	Questionnaire Design	Surveillance	Monthly meeting
1:00-2:00	LUNCH				
2:00-4:30	Case study	Complete case study Review exercises and topics from earlier	Sources of routine health information – morbidity/mortality	Surveillance	
Reading Assignments	Epidemiology in Medicine, pp. 39-51	Epidemiology in Medicine, Chapter 13			

Appendix 6: Syllabus

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Week 3 2-6 February:

	Monday 2 February	Tuesday 3 February	Wednesday 4 February	Thursday 5 February	Friday 6 February
8:30-10:00	Surveillance	Outbreak Investigation	Outbreak Investigation	Problem identification for field study	Revision
10:00-10:30	TEA				
10:30-1:00	Surveillance	Outbreak Investigation	Outbreak Investigation	Field Study Planning	
1:00-2:00	LUNCH				
2:00-4:30	Surveillance	Outbreak Investigation	Outbreak Investigation	Field Study Planning	
Reading Assignments	Principles of Epidemiology, Chapter 6				

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Week 4 9-13 February:

	Monday 9 February	Tuesday 10 February	Wednesday 11 February	Thursday 12 February	Friday 13 February
8:30-10:00	Epi Info	Epi Info	Demography	Demography	Demography
10:00-10:30					
10:30-1:00	Epi Info	Epi Info			
1:00-2:00					
2:00-4:30	Epi Info	Epi Info			
Reading Assignments					