Learning Plan

LEARNING OUTCOME	TOPIC	WEEK NO.	LEARNING ACTIVITIES
	1. Stratified Multi-stage Design 1.1 Sampling Schemes 1.2 Estimation Procedures 1.3 Efficiency	4.5 hrs.	
	2. Weighting Survey Data 2.1 Generation of Base Weights 2.2 Generation of Non response Weights 2.3 Generation of Postratification Weights	4.5 hrs	
	QUIZ 1	1.5 hrs.	
	3. Variance Estimation 3.1 Random groups method 3.2 Linearization Methods 3.3 The Bootstrap and the Jackknife	9.0 hrs.	
	QUIZ 2	1.5 hrs.	
	4. Imputation Procedures 4.1 Patterns of missing data and their implications to inference 4.2 Imputation Procedures 4.3 Weighting Procedures for no response	9.0 hrs.	
	Quiz 3	1.5 hrs.	
	5. Introduction to Small Area Estimation	6.5 hrs.	
	Final Examination		

References

Rao, J.N.K. (2003). Small Area Estimation. John Wiley. 313p.Hoboken, N.J.: Wiley Interscience
Skinner, C.J., D. Holt, and T.M.F. Smith.(1989). Analysis of Complex Surveys. John Wiley. P.305

6. Students who get at least 89% in every quiz are exempted from taking the final examination. Their final grade will be based on the average of their quizzes and other prefinal course requirements. The final grade of exempted students who opt to take the final examination will be based on the prescribed computation of final grades inclusive of a final examination. Students who missed and/or took any special/make-up quiz will not be eligible for exemption.
7. Learning outputs are required and not optional to pass the course.
8. Mobile phones and other forms of communication devices should be on silent mode or turned off during class.
9. Students are expected to be attentive and exhibit the behavior of a mature and responsible individual during class. They are also expected to come to class on time and prepared.
10. Sleeping, bringing in food and drinks, and wearing a cap and sunglasses