DE LA SALLE UNIVERSITY - MANILA
COLLEGE OF SCIENCE
Mathematics Department

SYLLABUS

COURSE CODE: MSS701M and MSS703M

COURSE TITLE: Special Topics 1 and Special Topics 2

CLASS DAY & TIME:

ROOM:

NAME OF FACULTY:

COURSE CREDIT: 3 units x 2 = 6 units

CONTACT NO. (DEPT):   536-0270, 524-4611, loc. 420

TERM/SCHOOL YEAR:

COURSE DESCRIPTION

A course on Poisson process, renewal theory, Markov chains, continuous time Markov chains, and martingales.

PREREQUISITES:

Consent of Instructor

COURSE OBJECTIVES

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Topic/ Subtopic	Learning Strategies /Activities	Week/ Meeting
Nonparametric Statistics, Nonlinear Regressions, Small Area Estimation, Variance Estimation, Resampling Statistics, Bayesian Statistics, Actuarial Statistics, Loss Models, Nonresponse Sampling Theory, High Dimensional Data Analysis, Remote Sensing and Geographic Information System, and the like.	Lecture Facilitated group discussion Problem solving	

TEACHING STRATEGIES/METHODOLOGY
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1. Lecture
2. Report
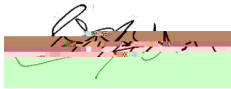3. SAS Exercises

REQUIREMENTS OF THE COURSE
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1. Examinations / Reports
2. SAS outputs with discussions
3. Learning Output – critique of a paper

REFERENCES

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Noted by

Dr. Isagani B. Jos
Chair, Department of Mathematics

Dr. Jose Santos R. Carandang VI
Dean, College of Science