

STUDY GUIDES

SPH 108: INFORMATION SYSTEMS ANALYSIS AND DESIGN

COURSE INSTRUCTOR - DR. NYONGESA F. W.,

Email: fnyongesa@uonbi.ac.ke

CORSE OBJECTIVES

At the end of this course, the learner should be able to:

1. Explain the various types of Information Systems used in organization
2. Describe the various methodologies used in systems analysis and design viz: SDLC, **SSADM, OOSAD, RAP etc..**
3. Design a simple Information system by methodologically following the stages of analysis & design

PRELIQUISITES

- Knowledge of computing shall be assume (VBasic, C++/Java)

COURSE EVALUATION

- CATS (Tests, Tutorial and Project) = 30%
- Exam 70%

PROJECTS

- Identify a department within an organization and design a real life IS (of your choice) for the dept.
- Work in teams of 2
- 10 min oral presentation will be held for assessment

REFERENCES

- 1 Elias M. Awad., (2003). Systems Analysis and Design., 2nd Ed., *Galgotia publications (P) Ltd. New Delhi.* (Available UoN bookshop and UoN Library)
- 2 James A. O'Brien., (2003)., Introduction to Information Systems., 11th Ed., McGraw_Hill Higher Education. (Available UoN Bookshop & KBF).

COURSE ETHICS

1. Attend at least 2/3 of the lectures as required by the regulations
2. Use of CELL PHONES, IPODs during lectures is not allowed