

# STUDY GUIDES

## SPH 108: INFORMATION SYSTEMS ANALYSIS AND DESIGN

**COURSE INSTRUCTOR - DR. NYONGESA F. W.,**

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### **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., 2<sup>nd</sup> Ed., *Galgotia publications (P) Ltd. New Delhi.* (Available UoN bookshop and UoN Library)
- 2 James A. O'Brien., (2003)., Introduction to Information Systems., 11<sup>th</sup> 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