



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY-BUSIA  
LEARNING CENTRE**

**SCS-2126: BUSINESS SYSTEM ANALYSIS)**

**COURSE INSTRUCTOR: CHARLES OWUOR OMOGA**

**COURSE OBJECTIVES:**

1. To understand information systems and the systems development from a management perspective.
2. To examine the structured tools and techniques used to analyze and document business information systems.
3. To learn techniques for fact-finding, oral and written communications, and cost-benefit systems.

**2: PEDAGOGICAL APPROACH**

A mixture of class discussions, lectures, tutorials, and group presentations will be used. It is expected that each candidate will actively participate in discussions, hand in assignments in time, and promptly attend to other requirements of the course.

**3: Course evaluation**

The course shall be evaluated through several methods as follows;

Assignments CATS----30%

Final Exam -----70%

Total -----100%

**4: COURSE CONTENT**

**WEEK/CONTENT**

1.0: Overview of business systems analysis

2. Definition of terms

3 System analysis; system design

4. Information systems categories and classifications

5. Background and theory of systems

6 CAT.

7. Systems analysis design framework

8. Structured system analysis and design methodology

9. Systems analysis tools and techniques

- ❖ Data flow diagrams
- ❖ Data dictionaries
- ❖ Structured English(pseudocode)
- ❖ Decision tables and trees

10. Cross life cycle tasks.

11-13 REVISION AND EXAM PREPARATION