JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY-BUSIA LEARNING CENTER

COURSE UNIT: SCS-409-IT AND SOCIETY
END OF JANUARY-APRIL SEMESTER COURSE OUTLINE
COURSE INSTRUCTOR: Mr. CHARLES OMOGA

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.

Course objectives

The primary objective of the course will be to encourage you to think **integratively**, in a way which combines aspects of technological development with wider aspects of culture. The course will encourage you to acquire a sense of context and develop an informed perspective on the complex relationship between society and technology. We will be assisted by an examination of the views of some of the most influential cultural theoreticians.

Course evaluation
The course shall be evaluated through several methods as follows;
Assignments CATS----30%
Final Exam --------------70%
Total --------------------100%

Course outline :

Week   Contents

1. History of computing,

2. social context of computing

3. professional and ethical responsibilities

4. the electronic community, the changing nature of technological risks

5. the information economy

6. risks and liabilities of safety-critical systems

7. intellectual property
8. privacy and civil liberties, pornography and censorship
9. social implications of the internet,
10. computer crime
11. economic issues in computing
12. Philosophical foundations of ethics.

REFFERENCES:

1) Cartada, J.W (2002) Making the Information society: Experience, Consequences and possibilities. Cape Town: Prentice-Hall, Inc
2) Rivoltella, P.C (2008) Digital literacy: Tools and methodologies for Information Society. New York: IGI Publishing
3) Black, A (2007) The early Information society: Information management in Britain before the computer. England: Ashgate Publishing Limited
4) Wilhelm, A.G (2004) Digital Nation: Toward an Inclusive Information Society. London: The MIT Press Karvalics, L.Z (2002) Information society-What is it exactly: The meaning, Industry and conceptual framework of an expression. Budapest:
5) Education and Culture Webster, W (2006) Theories of the Information society. 2nd edition. London: