AEN 1206 INTRODUCTION TO COMPUTERS
Instructor: Ms Stella MarrisSendagi (BSc. MSc. Agricultural Engineering)
                 Mr. Allan Komakech (BSc. MSc. Agricultural Engineering)
Course Type: **CORE (BSc. Agricultural Engineering)**
 COURSE DESCRIPTION:
Course Credits (CU):   3 CU i.e. 45 Contact Hours per semester
Course Duration: 15 weeks (45 hours) i.e. 15 LH, 60 PH
COURSE DESCRIPTION:
This course introduces the students to basic computer applications
COURSE OBJECTIVES:
The objectives of this course are to:
- Use relevant computer software for the specified applications and electronic resource
- Perform basic computer maintenance

RECOMMENDED REFERENCES FOR READING
  i.   Lecture notes
  ii.   The internet

COURSE CONTENT, METHODS OF INSTRUCTION, TOOLS AND EQUIPMENT REQUIRED

Lecture	Topic	Content	Methods	Tools/ equipment
1.	Basic introduction	- Introduction to organization characteristics and types of computers - Number and coding systems - Hardware and software descriptions and classifications - Basic maintenance of hardware and software	Interactive lecture (3 hrs) Practical (3 hrs)	Laptop, LCD and computer lab
2.	Operating Systems and working environments	Features of the commonly used OS: MS Windows XP and Vista	Interactive lecture (3 hrs) Practical (9 hrs)	Laptop, LCD and computer lab
3.	Word Processors	Introduction to features and functions of MS Word 2003 or 2007	Interactive lecture (2 hrs) Practical (9 hrs)	Laptop, LCD and computer lab

4.	Spreadsheets	Introduction to features and functions of MS Excel 2003 or 2007	Interactive lecture (2 hrs) Practical (12 hrs)	Laptop, LCD and computer lab
5	Database programs	Introduction to features and functions of MS Access 2003 or 2007	Interactive lecture (2 hrs) Practical (9 hrs)	Laptop, LCD and computer lab
6	Presentation programs	Introduction to features and functions of MS PowerPoint 2003 or 2007	Interactive lecture (2 hrs) Practical (9 hrs)	Laptop, LCD and computer lab
7	The Internet	Introduction to the internet and other available electronic resources	Interactive lecture (2 hrs) Practical (9 hrs)	Laptop, LCD and computer lab

OVERALL EVALUATION
- Assignments and tests (40%)
- Final university examination (60%)