

**BUSITEMA
UNIVERSITY**
INDEPENDENT EDUCATION

46
60

P.O Box 236, Tororo, Uganda
Gen: +256-45448838
Fax: +256-45436517
Email: info@adm.busitema.ac.ug
www.busitema.ac.ug

**BUSITEMA UNIVERSITY FACULTY OF AGRICULTURE AND ANIMAL SCIENCES
ARAPAI CAMPUS.**

**A REPORT ON INDUSTRIAL TRAINING CONDUCTED AT ARAPAI CAMPUS
FARM
BUAC**

FROM 28TH FEB 2022 TO 1ST MAY 2022

COMPILED BY:

OPEITUM CHARLES

REG NO: BU/UG/2020/2386

PROGRAMME: DCP 1

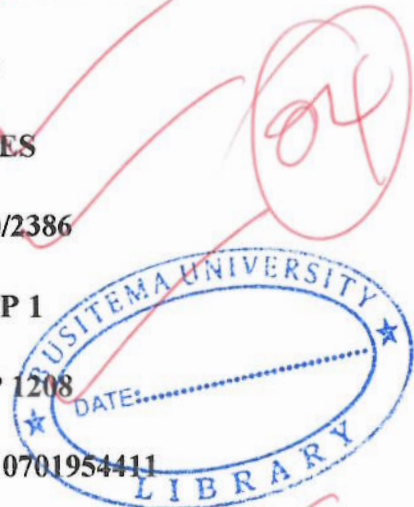
COURSE CODE: DCP 1208

CONTACT: +256788575147/ 0701954411

EMAIL: opeitumc@gmail.com

**INTERNSHIP REPORT SUBMITTED TO THE FACULTY OF AGRICULTURE AND
ANIMAL SCIENCES DEPARTMENT OF AGRIBUSINESS AND EXTENSION FOR
THE PARTIAL FULFILMENT OF AWARD OF DIPLOMA IN CROP PRODUCTION
AND MANAGEMENT.**


SUBMISSION DATE... 18th / May / 2022




DECLARATION

I OPEITUM CHARLES declare that the information contained in this report is truly mind and is made by my own efforts and it has not been submitted to any institution or university for any academic award.

STUDENT:

Sign:  Date: 18th / MAY / 2022

FIELD SUPERVISOR:

Sign:  Date: 18th / 05 / 2022

ACADEMIC SUPERVISOR:

Sign:  Date:

BUSITEMA UNIVERSITY LIBRARY
CLASS NO.:
ACCESS NO.: FAA 2223

DEDICATION:

IOPEITUM CHARLES dedicate this report to my beloved uncle Orwamo Isaac, my beloved cousin brother Akol David and my beloved wife Opus Rebecca for their endeavours of supporting me both materially financially during my industrial training.

I also dedicate this report to the staff and management of BUAC and to all friends whom I did industrial training with that may the almighty God bless you abundantly.

A handwritten signature in red ink, consisting of a long, sweeping stroke followed by a circular flourish containing a stylized monogram.

ACKNOWLEDEEMENT.

I wish to thank the Almighty God for his love and care upon my life. In a special way, I also wish to thank the Dean of students for allowing me to conduct my supervised occupational practice which was designed to develop my skills and knowledge in the teaching research and curriculum enhancement. In a similar way, I would like to express special thanks and gratitude to my academic supervisor Dr. Okwany Patrick for his constant guidance, advice, assistance and encouragement at every stage that enabled this work to reach its completion. My sincere gratitude goes to all the lecturers of *BUAC* for their endless efforts they put forward to ensure that my practice was successful.

I also extend my thanks to all the field Technicians for being resourceful to me in all aspects concerning my practice.



TABLE OF CONTENTS

Contents

DECLARATION.....	i
DEDICATION:.....	ii
ACKNOWLEDGEMENT.....	iii
TABLE OF CONTENTS	iv
LIST OF ABBREVIATIONS.....	vi
LIST OF TABLES AND FIGURES	vii
ABSTRACT	viii
1.0 CHAPTER ONE:.....	1
1.1 Introduction.....	1
1.2 Background of the University.....	1
1.3 Vision.....	1
1.4 Mission.....	1
1.5 Motto.....	1
1.6 objectives of the internship	1
1.7 THE ORGANISATION STRUCTURE OF ARAPAI CAMPUS FARM	2
2.0 CHAPTER TWO : DESCRIPTION OF THE ATTACHMENT	3
2.1 BANANA PRODUCTION.....	3
2.2 ORCHARD SECTION/ CITRUS PRODUCTION.....	5
2.3 GREEN HOUSE.....	6
2.4 CATTLE SECTION	7
2.5 PIGGERY SECTION	11
2.6 SMALL RUMINANTS	14
Treatment of goats	15
Routine activities carried out in small ruminants.....	16
2.7 HORTICULTURE SECTION.....	19
Agronomic practices carried out.....	20
3.0 CHAPTER THREE: IMPACT OF ATTACHMENT.....	22
3.1 Skills and qualifications gained.....	22

3.2 Responsibilities held during the attachment period	22
3.3 How the attachment will influence my future career plans.....	22
3.4 How the attachment activities carried out correlate with my class work.....	23
4.0 CHAPTER FOUR: CONCLUSIONS AND RECOMMENDATIONS	24
4.2 RECOMMENDATIONS:	24
APPENDEX.....	25
REFERENCES.....	32

LIST OF ABBREVIATIONS.

MR.	Mister
ETC	And many others
I.E.	That is to say
REG NO.	Registration number.
TEL NO.	Telephone number
ECF	East coast fever
NCD	New castle disease
DAP	Di- ammonium phosphate
SSP	Single super phosphate
TSP	Tri-super phosphate
DPC	Dump proof course
IT	Industrial training
KM	Kilometers
CM	Centimeters
ASF	African swine fever
IM	Intra muscular
NPK	Nitrogen phosphorus and potassium
FYM	Farm yard manure
PEN AND STREP	Penicillin and streptomycine

LIST OF TABLES AND FIGURES

Table 1: the banana diseases, symptoms control measures and mode of transmission.

Table 2: showing the banana pests, damage caused and control measures.

Table 3: shows the different between sick and health animals.

Table 4: drug identification, route of administration, dosage and their usage in cattle.

Table 5: drug identification, route of admin, dosage and usage in piggery.

Table 6: showing the body systems that we checked to identify in diseases in small ruminant.

Table 7: drugs used in treating of goats.

Table 8: signs of healthy goats against sick ones.

Table 9: showing pests and diseases of tomatoes.

Table 10: shows the work plan of the activities carried out during the attachment.

FIGURES

Fig 1 Trellising of tomato plants.

Fig 2 Milking.

Fig 3 Chopping of Napier grass.

Fig 4 Spraying of animals in cattle section.

ABSTRACT

The industrial training was carried out at Busitema university Arapai campus farm located in a Arapai sub county, Soroti district, 10km along Soroti –Moroto road from 28 Feb 2022 up to 01 May 2022.

A number of animal and crop production and management practices were carried out during my industrial training at the farm such as ;cleaning pig sties, feeding pigs, disease identification in animals, ageing both cattle and goats, record keeping, planting citrus seedlings, spraying cattle and goats ,pasture management ,managing horticultural crops such as tomatoes ,egg plants and green pepper.

The program activities I carried out during the attachment at Arapai campus farm land on both crop and animal sections make Busitema university arapai farm to be better place for learning and research as internees are equipped with applicable life skills on crop and animal in the field as general. The main objectives for internship and university are achieved like improving quality research and innovation, to share knowledge, skills and facilities with the public and private sector, to enable the trainee gain technical skills and to enable trainee to be expose to the working atmosphere. The methodology used for acquiring the above objectives like observation, interviewing, interaction, writing, recording and physical practice.

During my training I have been exposed to effective communication which expanded my relationship between partners of the institute and people around, team work and good relations with the other interns. Hopefully with the training that I gained, I can be able to contribute towards the national development in future.



1.0 CHAPTER ONE:

1.1 Introduction

Industrial training refers to the work experience and sharing of technical knowledge and skills that are relevant to professional development for the final year students. Industrial Training constitutes a complete module of the training which is full of hands on activities

Students are given placement letters which they submit to different farms, organizations and government agriculturally related places basing on type of career one is interested in.

I.T was conducted at Busitema University Arapai campus farm land found in eastern region Soroti city east Arapai town council.

1.2 Background of the University

Busitema University is a multi campus model public University located in the Eastern region of Uganda. The main campus is at Busitema and other campuses at Nagongera, Namasagali, Arapai, Mbale, Pallisa and Kaliro. The University opened its doors to the first cohort of students on 3rd October 2007.

1.3 Vision

A center of academic and professional excellence in science, technology and innovation.

1.4 Mission

To provide high standard training, engage in quality research and outreach for socio-economic transformation and sustainable development.

1.5 Motto

“Pursuing Excellence”

1.6 objectives of the internship

- To enable students to understand the relationship between agricultural training production and community well-being.
- To enable students to acquire and practice team work ethic, communication skills essential in agro-based industry.
- To expose students to current emerging issues in agricultural production that can be solved through teaching programs in secondary school, tertiary and vocational institution.