



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook



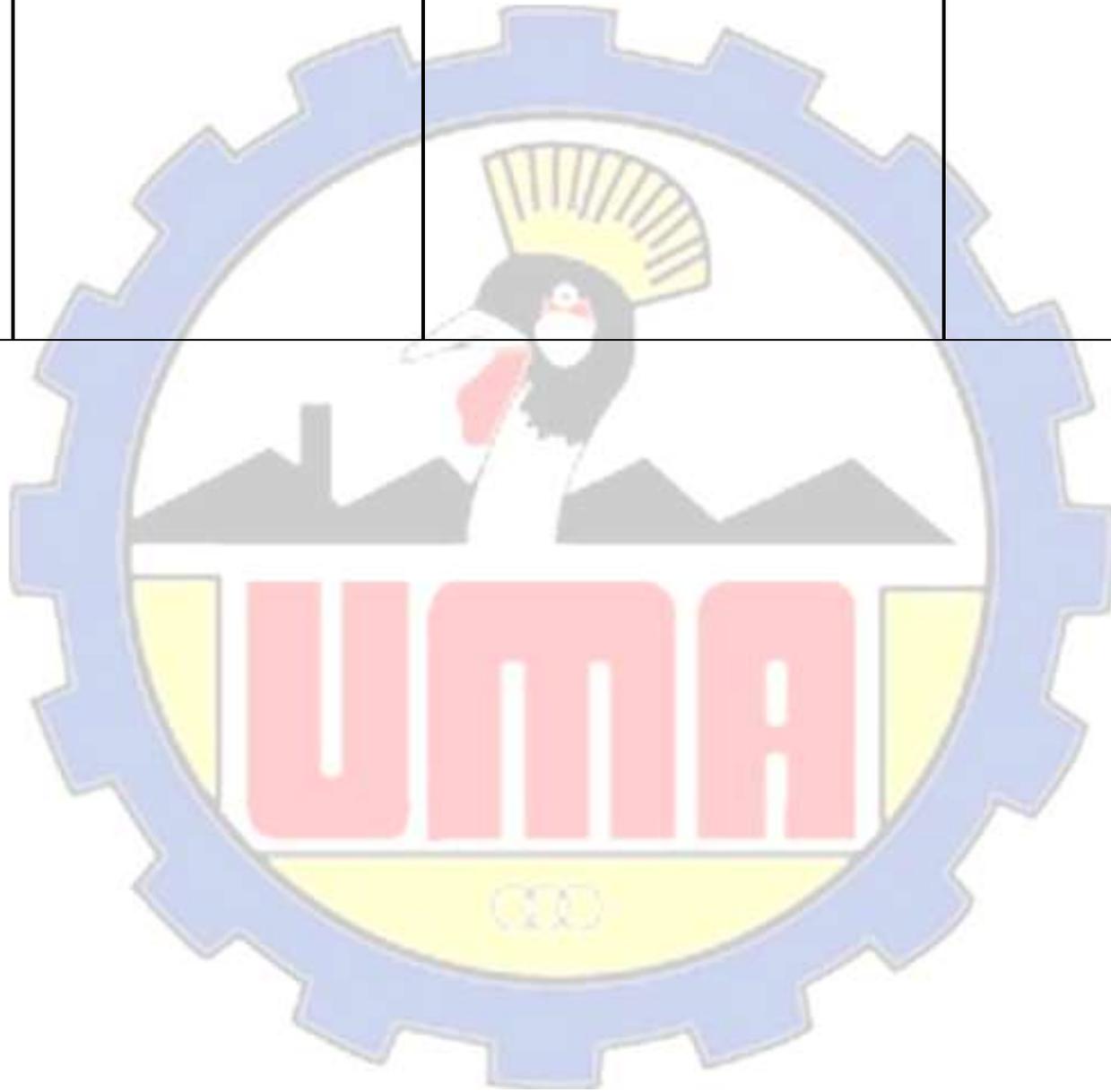
Student Name: **TATYABALA JOEL IP17KYU/117/J6 KYAMBOGO UNIVERSITY**

Month: **MONTH 1**

Target	Achievements	Challenges	Lessons Learnt
<p>WEEK 1</p> <ol style="list-style-type: none"> 1. Reconnaissance survey and visiting the site 2. Introduction to quantification and plan reading 3. Preparing form work of columns both steel and timber 4. Bending and fixing column reinforcements 5. Erection of formwork for timber and steel formwork 6. Casting, vibrating and curing of columns 	<ol style="list-style-type: none"> 1. We located temporary facilities like site store, latrine etc. 2. The engineer briefed us on how to quantify for buildings 3. We set column timber form work using timber boards and fixed together by nails 4. We also set kickers using 4*2" timber pieces 5. We erected and plumbed the column formwork and reinforcement was all fixed well before casting concrete 6. We casted and vibrated columns were formwork was already set 	<ol style="list-style-type: none"> 1. Language barrier since some workers never understood English and luganda but only new Swahili and their home languages which I also don't know 2. Lack of enough man power delayed work to as some carpenters never had helpers but was later fixed 3. The nails we were using were very old thus were easily bending but new ones were delivered the following week 4. Some workers never wanted to join them that the population growth decreases work and payments 	<ol style="list-style-type: none"> 1. I learnt to hammer nails without them getting bent however much they are old 2. I learnt how to erect column formwork and plumb it thoroughly 3. I learnt that communication skills are very important for better work

<p>WEEK 2</p> <ol style="list-style-type: none"> 1. Removal of column formwork 2. Preparing of timber form workfor beams 3. Bending and fixing reinforcement s for beams 4. Casting,vibrating and curing of beams 5. Removal of form work from beams 6. Further curing of columns 	<ol style="list-style-type: none"> 1. We cured ready casted columns using the dripping method and wet covering methods 2. We prepared timber form work for beams using timber boards connected together by nails with their bases supported by timber props 3. We bent steel bars that were fixed in the beams using bender 4. We removed form work on ready hardened columns and used on different columns 	<ol style="list-style-type: none"> 1. Delay of carpenters who were preparing the form work thus delaying the casting of the beam 2. Incompetence of some workers 3. Laziness in some workers as they failed to complete the work in time as stipulated but were later replaced by hard working workers 4. Delay in delivery process of materials on site slowing down works 5. Hammering of my hand 6. Lack of first aid 	<ol style="list-style-type: none"> 1. I learnt how to fix reinforcement for different height beams 2. I learnt how to prepare timber form work for beams 3. I learnt how to bend and fix reinforcement bars in beams
<p>WEEK 3</p> <ol style="list-style-type: none"> 1. Installation of kickers on column and connecting steel reinforcements 2. Preparing and erecting formwork for slabs 3. Bending and fixing slab reinforcements 4. Laying hollow max 	<ol style="list-style-type: none"> 1. We newly set six column base pits at the entrance of the site using lines and a plumb bob 2. Column base pits were excavated, blinded and column bases placed down and cured 3. Ring beam was casted, vibrated and cured using a hose pipe 	<ol style="list-style-type: none"> 1. The slab was not casted because the client had ran bankrupt and decided to stop on the second floor and first finish it up 2. Rain that drizzled some days slowed down the casting of the beam 3. Break down of the hoist also delayed casting works 	<ol style="list-style-type: none"> 1. I learnt how to set out column base pits using a line and a plumb bob 2. I learnt how to cast and vibrate the ring beam

- span blocks in slabs
5. Laying conduits and water pipes before casting the slab
 6. Curing of columns and beams



Supervisors Comment: *Has been disciplined and hard working*

Student

Signature: *Officer*

