



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook

Student Name: MUBIRU GEOFFREY

Email: mubsjeff20@gmail.com

Month: JULY 2017 (Month Two)

Week	Target	Achievements	Challenges	Lessons Learnt
WEEK 1	FABRICATING A METALLIC DOOR <ul style="list-style-type: none"> Material Description And Measurements Cutting And Shaping Materials To Be Joined Joining Of The Sized Material To form A Frame (Welding) 	<p>I got to know the procedures and requirements to be considered during material selection.</p> <p>I was able to understand and practice the procedures during metal cutting like measurements, marking, clamping</p>	<p>Little experience in knowledge of different material properties.</p> <p>Materials were sharp which were hazards to the fingers and hands during cutting</p> <p>Eye problems</p>	<p>Knowledge of customer requirements is vital to material selection.</p> <p>Adequate clamping of the work piece in the clamp results into proper cutting</p> <p>Selection of welding electrodes should be based on material to be welded.</p>
WEEK 2	FIXING IN SELECTED DESIGNS <ul style="list-style-type: none"> Cutting bars into pieces Bending the pieces into the required styles Shaping the pieces Fixing them onto the door frame 	<p>I was able to understand and practice the procedures during metal cutting like measurements, marking, clamping</p> <p>I got to know and practice the procedures of shaping and fixing designs on the door.</p>	<p>Metal pieces were hard yet the cutting tools were not sharp making it hard to accomplish the tasks in time</p> <p>Eye problems</p> <p>Materials were tool hard which given me hard times during bending</p>	<p>Proper bending requires adequate clamping</p> <p>Before fixing the designs, little grinding should be done the area to be attached.</p>

<p>WEEK 3</p>	<p>ADDITION OF THE LOCKING SYSTEM</p> <ul style="list-style-type: none"> • Selecting the door locks of the required material and design • Making door hinges (cutting metallic bars into piece, shaping and welding them) • Making door handles (cutting bars and bending them and then welding) 	<p>I got knowledge on how to select door locks, hinges and the procedures of making door handles. I got to know the procedures and requirements to be considered during locking system selection.</p>	<p>Little experience in selecting the required door lock types. Eye problems during welding Hardships during cutting as a result of brunt cutting tools. My home is very far from the place of work therefore sometimes it could necessitate late start of work or early departure from work.</p>	<p>Before selection of locks, door hinges should be considered and also the custom requirements should be put into consideration. Where possible if the material is very it necessitate little bending of the work piece before bending it.</p>
<p>WEEK 4</p>	<p>DOOR FINISHING</p> <ul style="list-style-type: none"> • Grinding of the joined joints • Body filling using filler • Spraying (painting) 	<p>I got experience on how to use the grinding machine including operation procedure and safety precautions. I got knowledge about body filling and I was able to practice the body filling process and spraying procedures</p>	<p>Flying chips during grinding which always affected my vision Filler particles caused irritations in the nose and skin</p>	<p>Grinding before body filling helps in removing swollen parts of the door. Body filling should be done before spraying. Its better to spray and paint using a brush</p>

Supervisors Comment: WORK IS ACCOMPLISHED



Signature: