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Programme:	Certificate of Higher Education in skills for Electronics (Level 4)		
Module:	Technical Skills Development		
Module code:	ACMA4014		
Lecturer:	Dr Jamiu A. Dauda		
Assignment Title:	Logbook	Word count (or equivalent):	2000 words nmvx/*
Submission deadline:	27 th April 2023	Return date of provisional marks & written feedback:	29 th May 2023
Submission method:			

Logbook (2000 words)

Activity WK	Activity	Key Learning Points	Key Benefits/Value added	Further comments and How can I improve it in future?

Tuesday Week 1	Introduction to Health and Safety	-What is health and safety? -How safe is the construction/engineering industry? -What is the relevant legislation?	I gained a better understanding of how to manage Health, Safety, Welfare and Risk at workplace. I learnt about the relevant health and safety legislation. I learnt about the health and safety duties/responsibilities of employers and employees	The learning session was very successful. The provision of some interacting video game on H&S awareness help me to further my understanding of the subject. -More emphases could have been laid on health and safety in working electrical workshop.
Week 2	Why is health and safety important in the workplace? Hazards	Why health and safety are important to follow? - How and where it would be used - Requirements and how it meets the needs of the individual -	The benefits that I got alongside learning about this was, knowing what importance health and safety holds and when this is used. I learnt what risks are associated and how to overcome this. Risk assessment	The session was very good and very beneficial because the work was explained carefully, and I knew what tasks to complete and hand in to know what I would need to improve on and what targets to set. The work sheets and examples of the risks associated in the workplace allowed me to develop knowledge. Know why the risks appear at work and how this can be overcome and to ensure any risks can be handled throughout a situation.

Week 3	Practical risk assessment Rules and regulations	How work use and follow a practical risk assessment to be prepared for any issues		An example of the aspects of a practical risk assessment of how and why this would be useful to employers or employees working and how this ensures an environment with others. Rules and regulations will ensure that the work will do, and nothing is missing.
Week 4	Health & Safety Scenario at Workplaces- Risk Identification & Management tools	What this means and how the risks are dependent on the safety provided. Clear, written instructions to ensure that this is followed through the work.	Tools used Skills used How employees would treat the health and safety regulations	I learnt why risks are associated in a workplace, and how this would be affected in a workplace. Also, this would mean how perspectives of risk is rated on a scale of 1-5. How employees can use this for being safe wherever they are, even when working with others. Safety equipment and techniques including any strategies for each or what purpose and the use for which can be used when comparing scenarios and learning how this would affect the business internally and externally as well as the people. Management strategies for long term use so that this would allow many to record down what happens and for what reason this would occur.
Week 5	Risk identification, prosecution	Improvement notice and prohibition notice Real-life examples and what threats are associated Levels of risk	What the consequences would be if rules not followed How the risks can be managed overall if there were more notices	I can improve on this by researching the ideal consequences of not following rules according to the business and putting this into my own work for future reference. Why this can be an issue for businesses and people if not followed which will ensure how this can be monitored. Some companies will do daily checks to see if everything is going well and what has to develop. If not followed, they should know that there are many issues and problems this would result in. For example, a fine for £100 depending on how many times this has been done or as a warning

Week 6	Water jug puzzle	We had to know how many litres makes three glasses. Three thieves and to know who the captive is	How the glasses are different to the thieves and what this would mean	This exercise allowed me to work out how many litres would make three glasses and what this would mean for the thieves. If they are getting enough gold, money coins. To allow this, I went on word and inserted a circle with an arrow to represent the data of information, so this ensures that I know what has to be done.
Week 7	Velocity and time excel	Work out the speed/distance and time of the car by including a graph to represent the data and to include units as suggested.	I gained an understanding of what each task would like, spend more time on working to find appropriate techniques for each question.	This helped me understand why speed and distance is important for cars, how this would allow me to use a solution/equation to work the answer out. Reflecting on any strategies relating to speed and working out what calculations to use for each cell. E.g., =AVERAGE(F2:F21). It is categorized into Sample, actual size, Technician A's, B's and C's measurements overall. Working this out will enable answer the questions for each technician in their own way for interpreting the data. This task was a part of the assignment so glanced at the brief and answered the questions using my knowledge and the information already there Different questions
Week 8	Library session	Books How to access the online library Resources and methods	This allowed me to know what is available and how information was accessed in terms of using my own understanding	I learnt about the books of e-resources and what books there were available to get, which meant that this woman showed a tour around the best books, how information is useful and what this would mean. Learning tools to support students for tasks as well as assignments so that an idea is put through. Past knowledge
Week 9	Composites	What it is composites (materials joined together for a purpose) Functions and alignments Types	I used knowledge to from slides to find out about the materials used in construction and see how	This session was helpful to me because it allowed me to engage with the topic of materials, including what the types are, including pros and cons of that material and why it is important for that industry, and the purpose. This gave me information about the history built and what this means for materials to be addressed.

			this would be beneficial	

NB: It is suggested that you use the following subheadings to structure your 2,000-word report to capture the requirements of the assignment and to help your reader to navigate your paper.

1. Introduction (150 words)
2. Logbook detail using the table above (1700 words)
3. Conclusion (150 words)

Introduction

This report will focus on the tasks and skills learned from both technical skills lectures which would require an understanding of what tasks were performed and how this benefitted me. Also, this would allow me to work on my strengths and weaknesses and to know what would require further development, in terms of adding more to my work to allow it to become consistent. The benefits are from what was taught as per the lecture so this will ensure what went well and how the key benefits/values link to the topic. This would mean that it is simple and easier to understand by breaking down each topic, to look at this in more detail. Here, I would also include what James taught and cover this in the logbook, by means of which Jamiu is also achieving. For example, health and safety measures and procedures, Jamiu covers because it is the safety part of working in a safe environment to cover all the risks associated and how they would overcome an existing barrier. For Jordan, car acceleration and distance would be worked out because they would suggest the normal speed at which the car will race. This will also include data for the following technician A, B, and C. The questions asked will be which operator performed the best and why, which performed the worst and why. Finally, what would be the similarities and differences between any of the operators and what this would mean for the operators from analysing the information shown in the graph/table? How this will enable to learn about aspects of adapting to the situation if required so that it goes well with any foundation from the level of understanding why measures are like how they are and how this can be used as a learning tool or to ensure how people can deal. This helped me understand why speed and distance is important for cars, how this would allow me to use a solution/equation to work the answer out.

Reflecting on any strategies relating to speed and working out what calculations to use for each cell. E.g., =AVERAGE(F2:F21). It is categorized into Sample, actual size, Technician A's, B's and C's measurements overall.

Working this out will enable answer the questions for each technician in their own way for interpreting the data and what data would be ideal.

This task was a part of the assignment so glanced at the brief and answered the questions using my knowledge and the information already there and just ensured it went well with what was being taught. Materials and components of industries, using information about the history of evolution and new information to support what this would mean.

Logbook detail