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| **Course/ Group** | | | Apprentice Group 2 | | | **Date** | | 10/02/2021 | | | Room | Zoom Meetings (Due to Covid lockdown) | | | |
| **Name** | | | Chris Baker | | | **Time** | | 10.00 – 10.40 (40 minutes) | | | **Time** | 13.00 – 13.40 (40 minutes) | | | |
| **Topic & Scheme of Work /Assessment Reference** | | | Unit ETK3 08  L.O.s 3.3 & 4.3 | | | | **Brief Objectives**  Support directed study | | | | **OneFile reference**  NETK3-08 [Outcome 03] and [Outcome 04] | | | | |
| **Time** | **Key Content** | | **Tutor activity** | | | | **Learner activity** | | | | **Resources required** | | | **Assessment** | |
| 10.00  -  10.10 | Registration, Welcome to Zoom meeting. | | Discuss work to-date  08 Workbook 01 Mechanics  08 Workbook 1 Principles  Discuss Resources emailed out to learners and accessing VLE | | | | Review assessment strategy and discuss any issues preventing progression with set work.  Asking questions regarding 08 Workbook 01 and Workbook1. | | | | Zoom  PowerPoint 08 10/2/21 Slides 1 - 12  Resources folder  Workbook 01 & Workbook 1  Register | | | N/A  N/A  N/A | |
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| 10.10  - 10.20 | Block 1  L.O. 3.3 | | Look at how Mass (M) and Weight (**W**) relate to the Force due to Gravity (Fg). | | | | Review Workbook 01 Step 1 in some detail and consider how to plan to undertake all the questions, review the relevant text and watch the videos. | | | | Text Book B ELTK 08 p. 213 & 246  PowerPoint 08 10/2/21 Slides 13 - 17  YouTube videos:-   * **Weight, Force, Mass & Gravity** | | | Zoom Meeting selected discussion and feedback.  Answers to sample L.O. questions from WB01. | |
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| 10.20 - 10.40 | Block 2  L.O. 4.3 | | Look at how Resistivity relates to conductor resistance and interpreting measurement results during testing. | | | | Review Workbook 1 Step 4 in some detail and consider how to plan to undertake all the questions, review the relevant text and watch the videos. | | | | Text Book B ELTK 08 p. 273 - 274  PowerPoint 08 10/2/21 Slides 18 - 21  YouTube videos:-   * **Resistivity Formula** * **Resistivity Calculation** | | | Attempt Step 4 example question on a Resistivity calculation.  Answer is 0.688Ω | |
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| 13.00 - 13.40 | Learner support | | Supporting and directing the learning outcomes to be studied within each workbook. | | | | Asking key questions on how to tackle certain problems and how to plan study. | | | | YouTube video links:-   * [Weight, Force, Mass & Gravity](https://www.youtube.com/watch?v=U78NOo-oxOY) * [Resistivity Formula](https://www.youtube.com/watch?v=XoI6QmQeAXo&t=496s) * [Resistivity Calculation](https://www.youtube.com/watch?v=eJzgj9oHA3E) | | | N/A | |
| Register |  | Recap previous work with Questions | |  | Introduce today’s Objectives | | | |  | Involve learners- active learning | |  | Regularly check learning/ understanding | |  |
|  |  | Summarise session, ask questions | |  | Compare progress against objectives | | | |  | Set extension/ homework | |  | Introduce next sessions work | |  |