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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 08L.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 Mechanics08 Workbook 1 PrinciplesDiscuss 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. | ZoomPowerPoint 08 10/2/21 Slides 1 - 12Resources folderWorkbook 01 & Workbook 1Register | N/AN/AN/A |
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| 10.10- 10.20 | Block 1L.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 - 17YouTube 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 2L.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 - 21YouTube 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 |   |