**Suliman Abbas :**

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| **NO.** | **Course title** | **Course link** |
| **1** | **Power apps (\*)** | https://www.tube.com/watch?v=aVsWQgoWC0I&list=PLib8Q64STW-tLkyHqf\_U4Gu7CWDz1E7kE&index=1 |
| **2** | **Power apps portals(\*)** | https://www.tube.com/watch?v=mbn6-BPv34E |
| **should be able to:**   * build a very detailed prototype * convert that protype to a real power app project * use/test the project on r phone | | | |
| **3** | **Solidworks revision** | https://www.tube.com/watch?v=qtgmGkEPXs8 |
| **should be able to:**   * build basic components using solidworks * build some expected components for training purposes | | | |
| **4** | **MATLAB** | https://www.tube.com/watch?v=NSSTkkKRabI |
| **5** | **MATLAB plot** | https://www.tube.com/watch?v=gDmpqn92s5U |
| **6** | **Simulink (\*)** | https://www.tube.com/watch?v=vxzR3W2BcRk |
| **should be able to:**   * use the simple MATLAB commands & functions * build some (.m) file files for training * build Simulink models * include some MATLAB code in the Simulink model * construct 2D plots using MATLAB | | | |
| **7** | **Ros introduction(\*)** | https://www.tube.com/watch?v=96XsJ7xfsS8&t=214s |
| **8** | **Ros using MATLAB** | https://www.mathworks.com/help/ros/ug/get-started-with-ros.html |
| **should be able to:**   * to distinguish the different ROS components * build simple projects include Nodes, Services, Messages etc. * train on building full, simple projects. | | | |
| **9** | **ROS using Simulink(\*)** | https://www.tube.com/watch?v=IictXPCP5M4&list=PLzP7tGk94hQWmr9052g6-UbRijg\_zZsaD |
| **should be able to:**   * drag and drop to use the ROS components * build full, simple projects using Simulink and ROS. | | | |

**Wael Aldhaheri:**

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**Muhannad Saeed:**

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