

WORKSHOPS CORE LAB TRAINING

2020 Spring Semester

PCB Prototyping, Design, and Fabrication

Wednesday, February 19, 2020

12.00 p.m. – 3.00 p.m.

Building 4, level 0, room 0620 (sea side)

A Printed Circuit Board (PCB) is the most vital element in an electrical circuit whose components and conductors are contained within a mechanical structure. These boards are made up of special materials that do not conduct electricity such as fiber and glass. The circuits are designed on the boards with copper tracks instead of wires for the conduction of electricity between the electronic components.

This training demonstrates all the processes of Printed Circuit Board (PCB) fabrication from design to fabrication with live demo utilizing equipment in the Electronics Workshop. The training session will include:

- The importance of PCB
- Terminology used in PCB fabrication
- How you design PCB
- Popular PCB layout software
- PCB equipment used in Electronics workshop
- PCB fabrication with live demonstration

Who is it for?

This session is for students, researchers, scientists, and engineers who have little knowledge of PCB fabrication and intend to design and build prototype PCBs in future.

Register now!

Please register in a timely manner as seating is limited. For registration and further information, please contact meshal.abdulkareem@kaust.edu.sa or muhammad.popalzai@kaust.edu.sa.