

Printed Circuit Board (PCB): Design, fabrication, assembly and testing

COURSE OBJECTIVE

This course aims to outline the a process through which printed circuit boards (PCBs) maybe produced using the PCB design and fabrication tools

PARTICIPANTS

Undergraduate and post graduate engineers who seek knowledge of making printed circuit boards, technicians who are working in the field of fabricating and producing PCBs.

PREREQUISITE

None

LEARNING OUTCOMES

- Identifying the correct components to be used in design
- Schematic capture
- Compiling of PCB component libraries
- PCB layout

COURSE CONTENTS

- Overview
- Physical Layout
- Prototyping
- Physical Creation of PCB
- Schematic Capture

COURSE DURATION

3 days.