Shiraz University

Course Outline
Altium Designer
Winter 2020

- **Required Time:** 20 hours / 14 sessions, (2 sessions per week)
- **Prerequisites:** Basic knowledge of circuit theory and electronics

- **Topics covered:**
  1. Introduction to design of printed circuit board
  2. Different types of IC packaging
  3. Design of schematics
  4. Design of PCB
  5. Creating new library
  6. Advanced topics and industrial applications

- **Projects:**
  1. **First project: CE amplifier design**
     - Link to submit: dropbox.com/request/EsntWW01bG7MQj7IGwGA
  2. **Second project: Creating library for reference voltage IC and regulators**
     - Link to submit: dropbox.com/request/5j1EuKnZbZYVElsO8xqL
  3. **Final project: IR proximity sensor design**
     - Link to submit: dropbox.com/request/i38oVzmyP8KjdhKRNjpG