# LM3. WLAN Overview

### Overview

This module covers the fundamentals of wireless local area network including signaling technology, 802.11 standards, WLAN topology & design, and emerging wireless technologies.

### To Do List

* 1. Go through LM 1 Learning Material. Use the PowerPoint slides as the guideline.
  2. Quiz 1 - 10 multiple choice/true/false questions from LM2 and LM3, must be completed by **xxxx**.

### Learning Outcomes

After this module, student will be able to:

* 1. Describe the signaling technology for WLAN
  2. Identify the common 802.11 standards
  3. Describe how WLAN works
  4. Describe mobile ad hoc network (MANET)
  5. Explain what’s Bluetooth and how it different from Wi-Fi
  6. Discuss the essentials for WLAN design
  7. Discuss the basics of Wireless LAN site survey
  8. Discuss the emerging technology in WLAN