

**University of Ain Temouchent Belhadj Bouchaib
Faculty of Science and Technology
Department of Mathematics and Computer Sciences
Academic Year 2025-2026**

Tutorial 4 / Network Architecture

Responsible for the course : Mr. A. BENZERBADJ

Exercise 1

- List some Emerging Wireless Networks (EWNs).

Exercise 2

- List the 2.4GHz band channels used in North America.
- Specify their central frequencies.

Exercise 3

- What is the difference between vertical and horizontal handover ?

Exercise 4

- What is the wireless computer topology used for communication between devices in close proximity to a person :
 - WMAN
 - Bluetooth
 - Zigbee (802.15.4)
 - WiMax
 - WPAN