**LM 6. Wireless Network Security Tools**

1. **LM7. Student Learning Outcomes**

After completing this module, a student will be able to:

* Describe the basics of cellular network.
* Discuss the evolution of cellular network
* Describe the 2G, 3G, 4G LTE network architecture
* Discuss mobile IP

1. **LM7. Learning Material & Study Guide**

* Describe the basics of cellular network.

<https://en.wikipedia.org/wiki/Cellular_network> (introduction and concept section)

* Discuss the evolution of cellular network

<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=12&ved=0ahUKEwizqvSLws7ZAhXiwVQKHR6SDI0QFghpMAs&url=https%3A%2F%2Fedupediapublications.org%2Fjournals%2FIJR%2Farticle%2Fdownload%2F2521%2F2416&usg=AOvVaw2L_BSCuGBIXmTVN2C7JRl9> (focus on the features and technology used in each generation)

* Describe the 2G, 3G and 4G LTE network architecture
* <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=12&ved=0ahUKEwizqvSLws7ZAhXiwVQKHR6SDI0QFghpMAs&url=https%3A%2F%2Fedupediapublications.org%2Fjournals%2FIJR%2Farticle%2Fdownload%2F2521%2F2416&usg=AOvVaw2L_BSCuGBIXmTVN2C7JRl9> (page 160-163)
* Discuss mobile IP

<https://en.wikipedia.org/wiki/Mobile_IP> (introduction and application section)