

MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH  
MOHAMED KHIDER UNIVERSITY OF BISKRA  
FACULTY OF EXACT SCIENCES NATURAL AND LIFE SCIENCES  
COMPUTER SCIENCE DEPARTMENT

*2<sup>nd</sup> licence year*

# Communication Networks course

*Year 2025/2026*

# Course Plan

1 Introduction to computer networks

2 OSI Model

3 Physical layer

4 Data Link layer

5 Network Layer

6 Transport Layer

# References

- [1] TANENBAUM ANDREW S and WETHERALL DAVID J. *Computer networks*. pearson, 2011.
- [2] Douglas Comer. *TCP/IP: architecture, protocoles, applications*. Interéditions, 1996.
- [3] Russ White and Ethan Banks. *Computer Networking Problems and Solutions: An innovative approach to building resilient, modern networks*. Addison-Wesley Professional, 2017.