

Faculty of Computers & Information Technology

Data Communication

Information :

Course Code : CSC 221

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Computers & Information Technology

Description :

Data transmission concepts, Terminology and techniques, Types and sources of data, communication models, Standards. Data Transmission techniques, Transmission media and characteristics. Information theory, Information sources, Information measure, entropy, Source codes: return-to-zero and non-return-to-zero signaling, Analog and digital transmission, Optical fiber systems, Modems, modulation; Transmission impairments, Data encoding techniques, Multiplexing techniques

