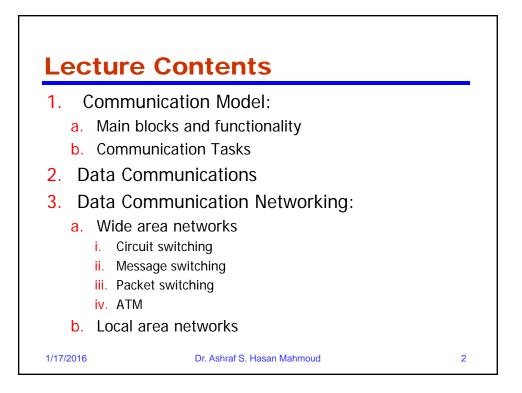
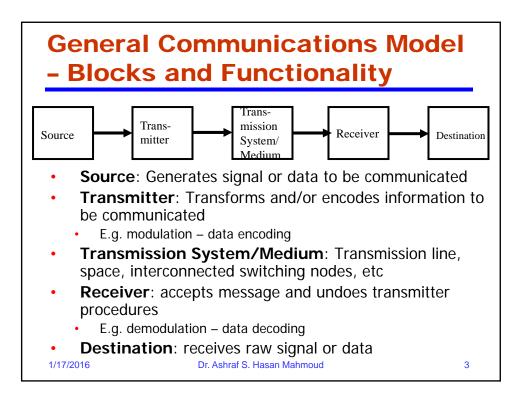
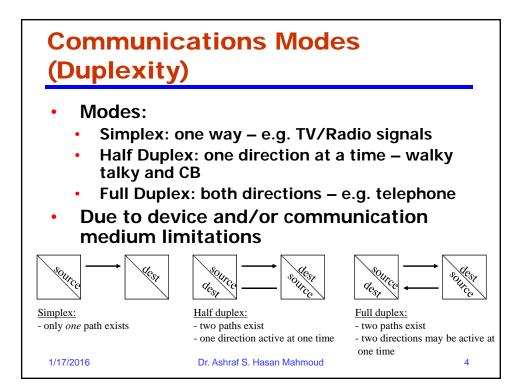
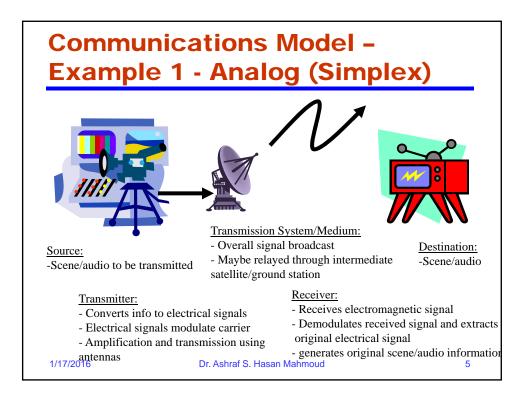
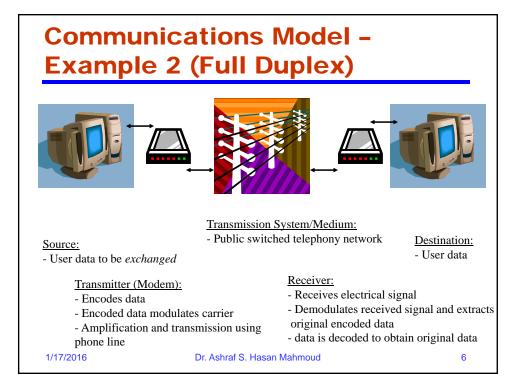
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Task Name	Comments
Transmission System Utilization	Maximize usage of medium capacity through multiplexing, efficient/advanced comm techniques, etc.
Interfacing	The transport of signal from device to medium
Signal Generation	Creation of signal that is matched to the transmission medium and has original data
Synchronization	Orchestrated and coordinated operation of both transmitter and receiver
Error Detection and Correction	When errors can not be tolerated, a mechanism is required to detect and may be correct errors
Recovery	Reset of communication path
Addressing and Routing	For shared media – need to redirect comm using destination address
Network Management	Configuration – monitoring – signaling (typically not part of user comm)
Message formatting	The form of messages to be transmitted
Exchange Management	Coordination and cooperation of two communicating ends during session
Security	Encryption/Decryption of messages

