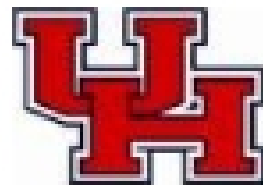


ECE 4371, Fall, 2014

Introduction to Telecommunication
Engineering/Telecommunication Laboratory



Zhu Han

Department of Electrical and Computer Engineering

Class 17

Oct. 29th, 2014

Outline

- Quick Review of last class
- Line Code
 - Hamming code
- Cyclic code
 - CRC
 - BCH, RS
- 4117
 - S352 access, crowded
 - Call me or go to W319 if you cannot enter
 - USRP2 lab 1 Lab 2



ARQ

- Acknowledgments from receiver
 - Positive: “okay” or “ACK”
 - Negative: “please repeat that” or “NACK”
- Timeout by the sender (“stop and wait”)
 - Don’t wait indefinitely without receiving some response
 - ... whether a positive or a negative acknowledgment
- Retransmission by the sender
 - After receiving a “NACK” from the receiver
 - After receiving no feedback from the receiver

