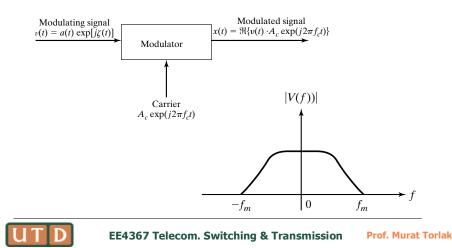
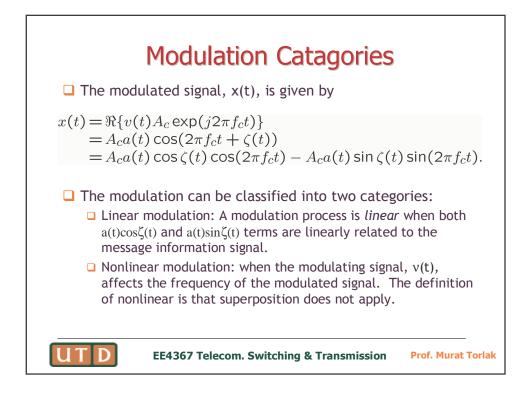
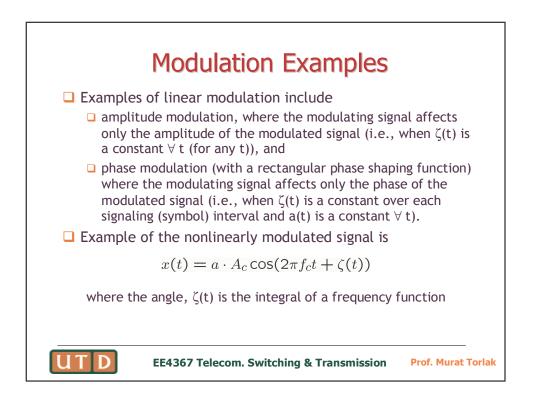


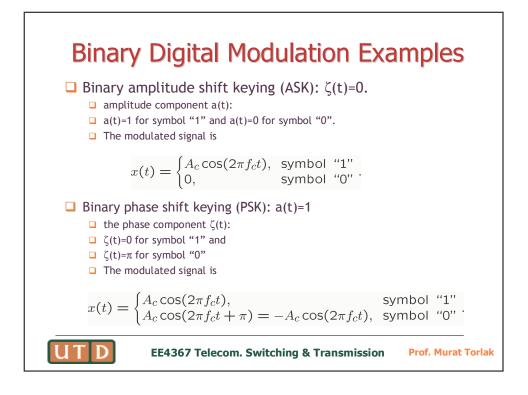
## **Generic Bandpass Transmission**

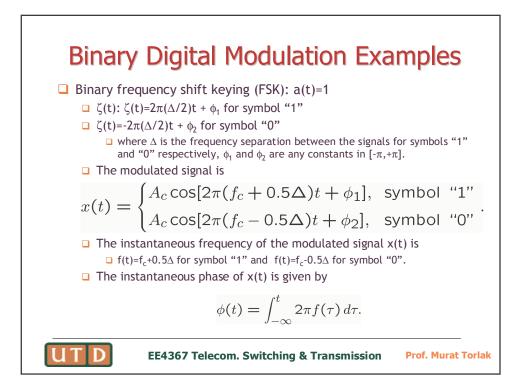
 $\Box$  A<sub>c</sub> is a constant denoting the amplitude carrier

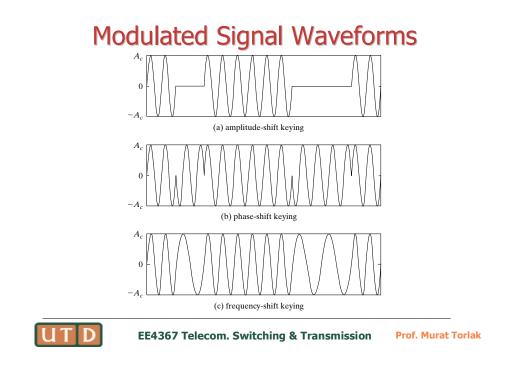


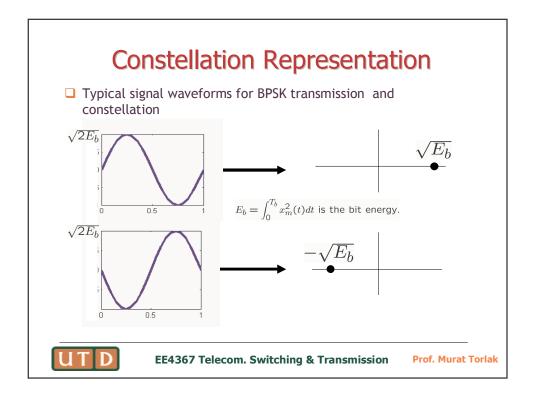


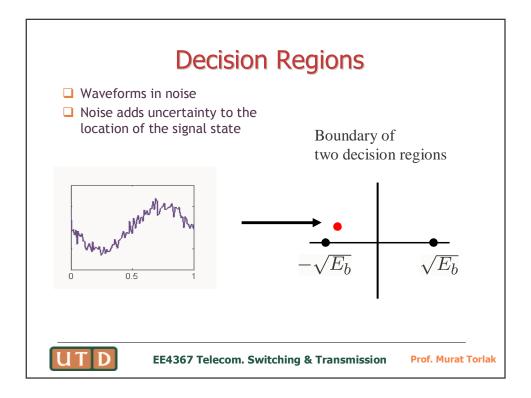


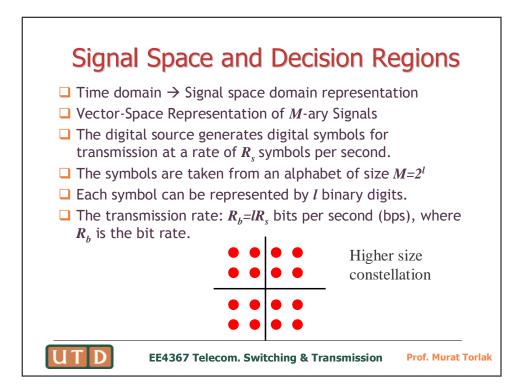


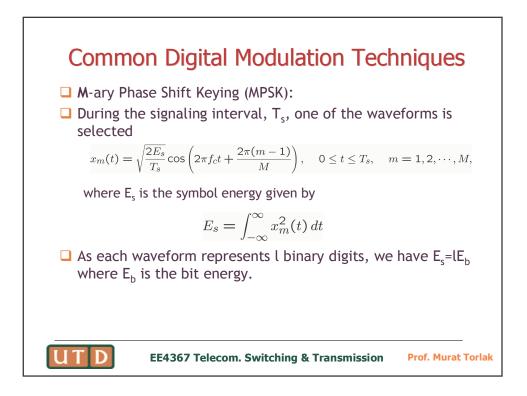


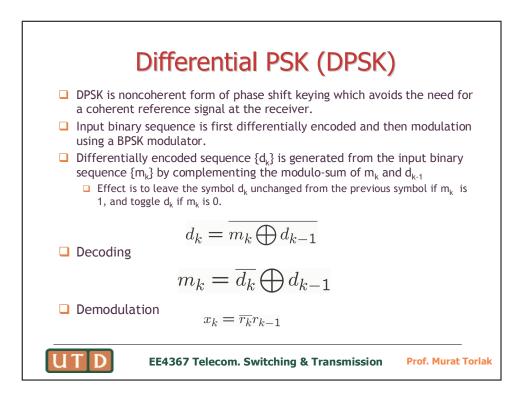


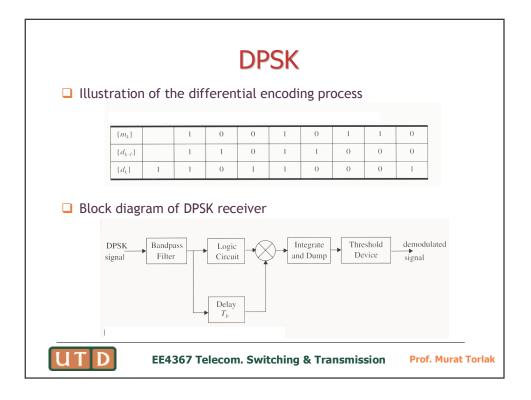


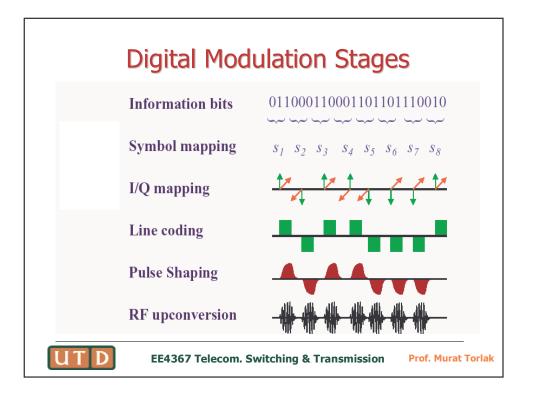


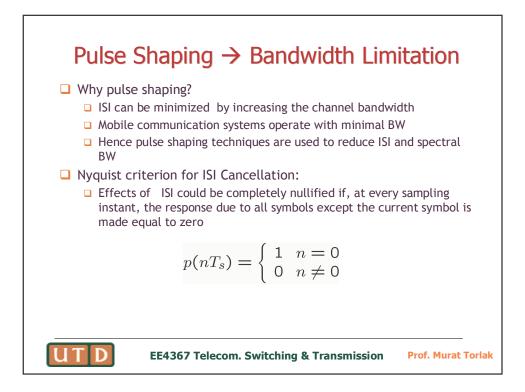


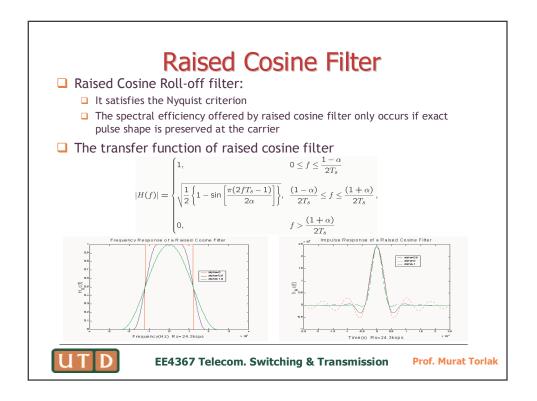


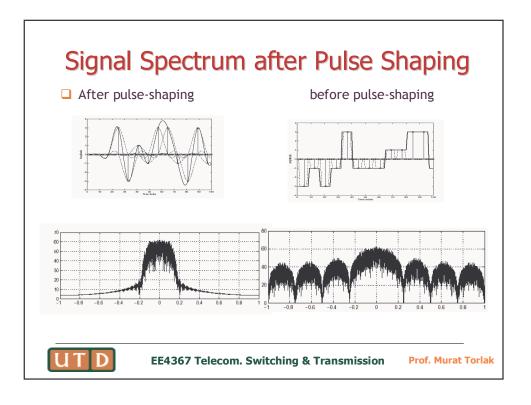


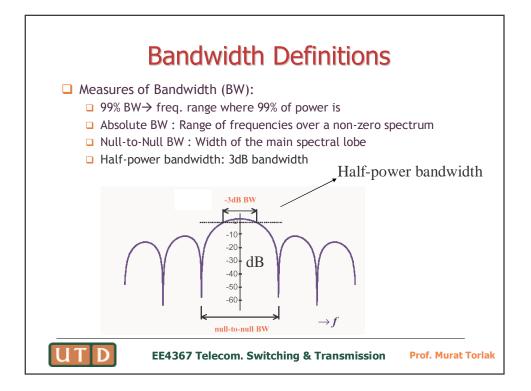


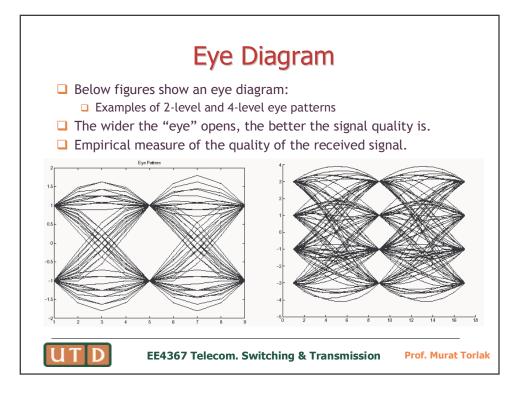


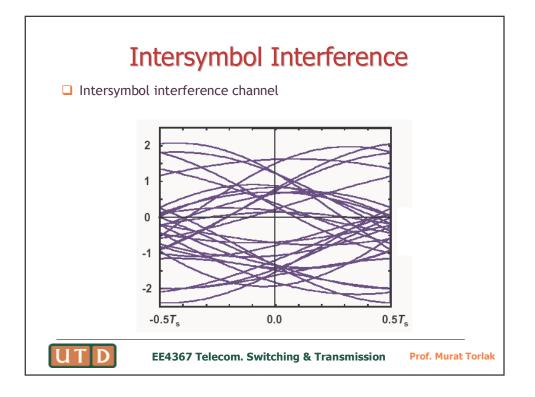












## Probability of Transmission Error

- Coherent Reception in an AWGN Channel
- BPSK: The transmitted signal

