ECE 506/CS 513

Introduction to Local and Wide Area Networks

**Homework Assignment #4**

1. Problem #4, p.187, in TAN.

1. Problem #7, p. 188, in TAN.

**Note: Assume that the spectrum for this problem is for a fiber optic medium.**

1. Problem #10, p. 188, in TAN.

**Note: Assume that the speed of light for radio waves for this problem is for a vacuum.**

4. Problem #25, p. 189, in TAN.

**Note: Assume that the guard bands apply to both the lower and upper edges of each multiplexed channel.**

1. Problem #39, p. 190, in TAN.

**Note: Assume that the header size (h bits) is NOT included in the data size (p bits).**