

EE 4383/5371, FALL 2001 HOMEWORK/Proj. #8

ASSIGNED: 11/13/01 (Tuesday)

DUE: November 19 (Monday) by 4:30 PM in my office (Eng. 339A)

OFFICE HRS:

Mon.,Tue.:	1:30 – 2:30
Wed.:	1:30 – 2:30 (new but may be canceled sometimes)
Thur.:	1:30 – 2:30
Friday:	11:00 – 12:00 noon

Handouts and other information can be downloaded and printed from:

http://www.ece.utep.edu/test/faculty/sergio_cabrera/ee4383.htm

TO-DO FOR THIS HOMEWORK:

A. First assignment on Discrete Fourier Transform (DFT)

Reading: Sections: **5.1.2, 5.1.3, 5.1.4, 5.2**

From our textbook:

1. **EE4383 only: 5.1; 5.2 a), b)** (use DFT multiplication);
2. **BOTH: 5.4a); 5.5; 5.8; 5.14 a); 5.17**
3. **EE5371 only: 5.12; 5.23 g), h)**

Part II: From MATLAB book by McClellan et. al. Read relevant background then do:

- **Ex. 1.3, page 47**
- **Ex. 1.2 c), pages 61** (see Ex. 1.2 e) for a good discussion that should help)