King Fahd University of Petroleum and Minerals
College of Computer Sciences and Engineering
Department of Computer Engineering

COE 341 – Data & Computer Communications (T061)

Essay Objectives & Deliverables:

- Every team of 3 students will read about Orthogonal Frequency Division Multiplexing (OFDM), write a 6-page report, and make a 15 minutes presentation.
- Names of the team members must be submitted by **Saturday 11/11/2006 at 12:50 PM**.
- The report is due on **Monday 08/01/2007 at 12:50 PM**. The report should be single column, 1.5 lines spacing, and 12-points Times New Roman font. The report should include:
    - Explanation of what is OFDM.
    - How OFDM works.
    - Variations of OFDM.
    - How OFDM differs from other multiplexing techniques.
    - Where OFDM can be applied.
    - Full set of references.
- The 15 minutes presentation is due on **Monday 15/01/2007 at 12:50 PM**. The presentation should be presented by all 3 members of the team (i.e. each member should present for 5 minutes part of the whole presentation). All team members are expected to answer questions about the entire presentation (not just the part he is responsible for).