Lecture 1
Introduction
S1.2 The Environment

Figure 1.5 – Copper Wire Attenuation vs. Frequency
S1.2 The Environment

Figure 1.6 – Attenuation vs. Frequency (Air)
S1.2 The Environment

Figure 1.7 – Low Frequency Attenuation (Rain)
S1.2 The Environment

Figure 1.8 – Typical Telephone Channel Attenuation
S1.2 The Environment

Figure 1.9 – Typical Telephone Channel Phase
S1.4 Comm. System Elements

Figure 1.12 – Comm. System Block Diagram
Figure 1.13 – Expanded Comm. System Block Diagram