

EECS 423  
Distributed Systems  
2005 Fall Semester

# Homework 1

Due at the beginning of class, September 8, 2005  
No late papers accepted

1. In the next assignments, you will write a client for the e-parcel protocol. Read the e-parcel overview and the RFC 0.6 that are posted on the Web site.
2. Go over the goals described in Section 1.2 of your textbook and explain how the design of e-parcel achieves (or fails to achieve) each of the goals of a distributed system. Hand in your written answer to this question.
3. In this question, you will compare e-parcel with another existing messaging protocol.
  - a. Select one messaging protocol of your choice. For example, you could choose e-mail, instant messaging, file sharing, or another protocol. Choose a protocol that has similarities with e-parcel.
  - b. Explain similarities and differences between e-parcel and the protocol of your choice. Hand in your written answer to this question.
  - c. Explain how e-parcel and your protocol differ in their approach to the objectives in Section 1.2. Hand in your written answer to this question.