Computer Networks
Tentative Syllabus
Fall 2001

Instructor:
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Text:

Recommended Books:

Additional suggested readings to be announced in class.

Programming project:
Simple Link Layer protocol—to be written in C, working in small teams.

Homework Paper:
Assigned topic related to course. 5+ pages.

Term Paper:
Mutually agreed topic related to course. 15+ pages. To be presented orally to class near end of term. Additional details to be announced.

Topics:
1. ISO Reference Model
2. Standardization Effort
3. Physical Layer
4. Formal Techniques, emphasis on Estelle
5. Link Layer
6. Network Layer
7. Internetworking (IP)
8. Transport (ISO and TCP)
9. Upper Layers
10. Additional topics as time allows
11. Term paper presentations by class members