UNIVERSITY OF SOUTHERN CALIFORNIA

COMPUTER ENGINEERING

SCREENING EXAMINATION

EE 550

DESIGN AND ANALYSIS OF COMPUTER COMMUNICTION NETWORKS

SUGGESTED READING

1. Chapter 3 on queueing theory in book:
"Data Networks," Bertsekas and Gallager
(M/M/1, M/M/m, M/G/1, etc.)
http://web.mit.edu/dimitrib/www/datanets.html

2. Notes on convex optimization for networks:
(linear programs, utility-based flow control, power-aware routing, etc.)
https://ee.usc.edu/stochastic-nets/docs/network-optimization-notes.pdf

3. Notes on multiple access via renewal theory:
Sections 1-3 in:
https://ee.usc.edu/stochastic-nets/docs/multi-access-renewal-theory.pdf

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Please be aware that these references are for guidance in BASIC
knowledge. Ph.D. candidates are screened on the basis of talent, course
knowledge, independent reading and experience.
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