## CSE/EE 461 – Lecture 16

## **Bandwidth Allocation**

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- Open versus Closed loop
  - Open: reserve allowed traffic with network; avoid congestion
  - Closed: use network feedback to adjust sending rate
- Host-based versus Network support
  - Who is responsible for adjusting/enforcing allocations?
- Window versus Rate based
  - How is allocation expressed? Window and rate are related.
- Internet depends on TCP for bandwidth allocation
  - TCP is a host-driven, window-based, closed loop mechanism

L16.7

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