

# COT 5611 Operating Systems Design Principles Spring 2010

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# Man-made systems

- Basic requirements for man-made systems:
  - Functionality
  - Performance
  - Cost
- All systems are physical → the laws of physics governing the functioning of any system must be well understood.
- Physical resources are limited.

# Complex systems

- Large number of components
- Large number of interconnections
- Many irregularities
- Long description
- For man-made systems: a team of designers, implementers, and maintainers.