

Lecture 2 – Tuesday, January 13, 2011

- Last time:
 - Class Organization
- Today:
 - Operating Systems and their Evolution along the Years
 - Complex Systems
- Next time
 - Discussion of the Project

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.