CNT 6517 Mobile Computing

Credits: 3 credits


Reference materials:

Specific course information

Catalog description: A study of the main issues in mobile computing and the approaches that address them.

Prerequisites: Basic knowledge of computer architecture and data communications and networking

Specific goals for the course: The course offers detailed discussion of the important and challenging issues in mobile computing and examines the different approaches that address these issues.

Brief list of topics to be covered: Introduction to mobile computing
  1. Location management
  2. Caching strategies
  3. Mobile ad hoc and wireless sensor networks
  4. Power consumption issues
  5. Security issues
  6. Applications