CSCI381.3/780 Mobile Computing
Spring 2006

The combination of wireless communication infrastructure and portable computing devices has laid the foundation for a new network computing paradigm, called *mobile computing*, which allows the users access information and collaborate with others while on the move. This course is a survey of state of art in mobile computing and we will discuss the design, implementation, and evaluation of mobile computing applications.

Topics covered in this course are wireless communication and multiple access techniques, mobility management, handoff management, Mobile IP, IEEE 802.11 Wireless LAN, mobile ad hoc network, wireless sensor networks, wireless mesh networks etc.