

EESC6395 - Wireless Sensor Systems and Networks

[EESC 6395](#) Wireless Sensor Systems and Networks (3 semester credit hours) Sensor mote architecture and design. Sensor network types, architecture and protocol stack. Studies on and design of physical layer, data link layer, network layer, transport layer, and application layer. Time synchronization, localization, topology, mobility and task management issues in wireless sensor networks. Security and privacy issues. Case studies on applications. Recommended prerequisite: ([CE 4390](#) or [CS 4390](#)) or equivalent. (3-0) T