

# Biomedical Engineering



## Seminar

### Design, Development and Evaluation of an Asset Tracking System.

By

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United Technologies Building, Room 150

1:30-2:30 pm

#### Abstract:

An asset tracking system presents the capability to continuously, and in real-time, determine the position of valuable medical equipment from a distance within a physical space via wireless technologies currently available. An asset tracking system that tracks the equipment as they move around the hospital floors helps the technicians keep up to date reports on their location status. RFID tags placed on equipment also may deter theft of the equipment, especially infusion pumps that sometimes have controlled drugs contained within them. In this presentation, I will provide the background, problem statement, the solution that I chose, the user interface built and also the evaluation and a Return on Investment (ROI) study for the solution.