

New Course Announcement !!

WIRELESS SENSOR NETWORK DESIGN A Multi-University Course

FALL 2009

This is a new senior-level elective being developed and taught collaboratively by multiple universities. The course will focus on system-level perspectives of real-world, wireless sensor networks by integrating topics from your courses in circuits, electromagnetics, signals/comm and computer engineering. Website: www.uvm.edu/~muse

Pre-requisite: Senior Standing in EE

Credit Hours: 3

At NAU register for EE 434 - contact: P. Flikkema
(co-requisite of EE 348 with waiver)

At USF register for EEL 4935 - contact: T. Weller

At UVM register for EE 295 - contact: J. Frolik
(pre-requisite EE 174)

❖ **Course Topics**

- Sensors/Transducers
- A/D Conversion
- Wireless Circuits
- Digital Communications
- Networks
- Embedded Computing

❖ **Course Features**

- Flexible Format: Online Lectures with In-Class Discussion
- Hands-on Projects
- Capstone Project Preparation
- Multi-University Collaboration
- Systems Thinking

