Research Project for Dr. James Conrad

Project title: Wireless test bed for communications protocols

Date posted: June 21, 2005

Type of research: __ Minor effort (0-40 hours)
__ Embedded Class Project (41 - 90 hours)
__ MS without thesis project (91 - 150 hours)
__ Special Topics Class research (151- 400 hours)
xx MS Thesis (401 - 2000 hours)
__ PhD Dissertation (2000+ hours)

Paid? __ Research Assistantship available
xx no funding
xx possibility for funding
Funding source: NSF Grant submitted, will know by 8/31/05 if funded

Description:
Students will work with Drs. Conrad, Xie, and Howitt, and with two other students to work on an empirical test bed setup for wireless communications. Prerequisite: Requires knowledge of Atmel AVR architecture and wireless technologies (802.11 and 801.15.4), grade of A in ECGR 5101 (Embedded Systems), enrollment in ECGR 6185 (Advanced Embedded Systems).

References: