

ECE 5118: Wireless Sensor Networks
Assignment # 2

Project Proposal Report

1. Selection of Proposal Topics:
 - a. You may continue on with the topic you have selected for your first assignment, or
 - b. You may also search for new topic to study and possibly to implement as your project
 2. Literature Search: (if you continue with your first assignment, skip to Step 2.c)
 - a. Search the Internet for papers in wireless sensor networks in the area you plan to conduct the project
 - b. You may follow the sheet of course topics to find your favorite topic for your project
 - c. Download at least five (5) papers in your selected topic area
 3. Literature Study:
 - a. Study all five papers you have downloaded
 - b. Select one of the papers to study in depth and plan for implementation as the potential project
 4. Project Proposal Report – Your project proposal report shall include the following:
 - a. Introduction:
 - i. Why this paper is selected for further study
 - ii. Comparison of the **all** five (5) papers you have read
 - b. Proposed Plan of Study:
 - i. The overall system and how the proposed component fits
 - ii. The hardware/software implementation plan
 - iii. Resource needed for implementation
 - c. Expect Outcome and Deviations
 - iv. Expected technical outcome and why
 - v. Possible deviation and corresponding mitigation
 - d. Summary and Discussion
2. This project proposal report should be between 4-8 pages and is due on **Tuesday, February 27, 2007**. Please submit electronically via email with Subject line: ECE5118 Report #2.