Course information

Prerequisites:
Programming language experiences, such as C. (Note: you don’t need to take ECE455 to take this course. If you have trouble registering, contact the instructor)

Class/Office Hours Schedule:
Office Hour: MWF 1:30pm – 2:30pm Ferris Hall 401
Lectures: MWF 12:20pm – 1:10pm Ferris Hall 51

Textbooks and/or Other Required Material:
Not required.

Instructor:
Prof. Qing Cao (Charles)
Phone: 974-5417
Email: cao@utk.edu

Course Objectives:
The goals of this course are:

- To understand the state of the art in wireless sensor networks.
- To understand how to carry out system-related research.
- To investigate novel ideas in systems through a semester-long research project.

This course assumes a basic familiarity with programming. The course will consist of a reading/lecture/discussion component and a project component. Some of these papers will introduce students to the basic principles on which modern wireless sensor networks. Others will cover more recent work to explore the state of the art and observe the evolution of these ideas over time. Students are expected to read papers before the class and participate in the discussion during the class.

Policies

Academic Integrity:
All computer programs and projects turned in for credit must be each student's own work. Students must write their own programs and problem solutions from scratch independently. No discussion is allowed during quiz and exams. Any violations will result in a minimum penalty of a zero on the given assignment, quiz or exam.
Disability Statement:
Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office of Disability Services at 865-974-6087 in Hoskins Library to coordinate reasonable accommodations for students with documented disabilities.

Projects and Exams

Project Policy:

- Project reports should be turned in before the specified project deadlines.

Late Assignment Policy:

- This policy applies to projects and homework assignments.
- Late assignment will be accepted with penalty based on the number of late hours.
  - within 2 hour: 5% of actual points deducted
  - within 5 hours: 10%
  - within 8 hours: 15%
  - within 10 hours: 20%
  - within 15 hours: 30%
  - within 20 hours: 40%
  - within 24 hours: 50%
  - more than 24 hours: not accepted

Grading policy:

<table>
<thead>
<tr>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labs</td>
<td>5% x 4 = 20%</td>
</tr>
<tr>
<td>Main Project</td>
<td>40%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>15%</td>
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<tr>
<td>Final Exam</td>
<td>15%</td>
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<tr>
<td>Class participation and presentation</td>
<td>10%</td>
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</tbody>
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Tentative grading scheme:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>[90, 100]</td>
</tr>
<tr>
<td>B+</td>
<td>[85, 90)</td>
</tr>
<tr>
<td>B</td>
<td>[80, 85)</td>
</tr>
<tr>
<td>C+</td>
<td>[75, 80)</td>
</tr>
<tr>
<td>C</td>
<td>[70, 75)</td>
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