Basic Info:
- Meeting times: Monday 3:00-5:00, Thursday 1:00-3:00
- Olendorf 420

Instructor:
- Betsy Williams Sanders
  - Office: Olendorf 420
  - Office Phone: 901.843.3791
  - Email*: williamsb@rhodes.edu

Office Hours:
- TBA
- By appointment

Book and Resources:
- There are no books that you are responsible for purchasing, however the department will purchase some books and make them available to you.
- It will be helpful to search the web for topics that you need further information on.
- If there is a journal article or other paper that you are interested in reading and cannot access, please let me know and I will see if I can make it available to you.
- I encourage you to stop by my office at any time and chat about our research.

Prerequisites:
- The course is for senior Computer Science majors.

Course Description:
- The Senior Seminar is the culmination of the Computer Science major's experience in the department. In this class, we will work together to solve a research question and contribute to the field of computer science.
- Your research problem was written and defined last semester as part of last semester’s Senior Seminar.
- One of primary goals of this seminar is to expose you to state-of-the-art research in computer science and to explore issues related to ethics and professionalism in computer science.
- Senior Seminar is an integrative course. It draws on all of the courses that you have had so far, including both general education and major courses.
- Senior Seminar is a seminar. We each come to each class prepared to contribute what we have learned.
- Assignments are sometimes different for each student. Then when we come together, we tell each other what we have discovered about our part of the assignment.
- You will be expected to work together as a group outside of this class time and come up with ways of solving problems on your own.
- At the end of the semester, you will present your work at Senior Research Day.

Weekly Assignments:
- Since you are working together on a large project, I will want to see weekly updates of the project. These will count as your “assignments”.

*Email used for communication purposes only.
• There will also be reading assignments that we will discuss in class. During the course of the semester, we will take turns presenting research papers to the group.

Grade Breakdown:
• 40 % Participation
• 40 % Assignments
• 20 % Final Written Assignment and Presentation

Grade Assignments:
• Grading is based on the below scale:
  o A  : [93%, 100%]
  o A- : [90%, 93%)
  o B+ : [87%, 90%)
  o B  : [83%, 87%)
  o B- : [80%, 83%)
  o C+ : [77%, 80%)
  o C  : [73%, 77%)
  o C- : [70%, 73%)
  o D  : [65%, 70%)
  o D- : [60%, 65%)
  o F  : [0%, 60%)

Attendance:
• Attendance is expected, please let me know if you have specific problems.

Special Accommodation:
• If you are in need of special accommodations, please register with the Office of Student Disability Services (http://www.rhodes.edu/disability) as soon as possible so that all necessary arrangements can be made.

Scholastic Behavior
• Plagiarism, cheating, and similar anti-intellectual behavior are serious violations of academic ethics and will be correspondingly penalized. If you are concerned about a possible violation of this kind, please talk with me. I understand the pressure that students may experience while at Rhodes, and I will try to help as best as I can.
• In this course you are encouraged to look online and use all available resources. However, when you write your final paper, you must site related work.

Important Dates
• Drop Add Ends: 1/20/2010
• Extended Drop Period ends: 2/3/2010
• Pass Fail Period Ends: 2/3/2010
• Withdrawal Period Ends: 3/26/2010

Course Outline:
• The course will cover the following topics (not necessarily in this order):
  o Experimental Design
  o Running Experiments
  o Analyzing Results
  o Writing and Presenting your work.

The instructor reserves the right to alter this syllabus as necessary.