COURSE SYLLABUS

Course Number: COMP-4650
Course Title: Interface Design for Wireless Devices
Credit Hours: 3 hrs. lecture, 0 hrs. lab
Prerequisites: COMP-3270 or departmental approval
Corequisites: None

I. Course Content/Objectives

1. Objectives

To understand the underlying concepts of human-computer interaction and user interface design.
To understand the special nature of interfaces of wireless and mobile devices. To be able to
specify, design and evaluate user interfaces for wireless devices.

2. Tentative Schedule and Outline of Course Content
   (Total must be 15 weeks)

Week 1-3: Introduction to
           interactive systems
           wireless interactive devices
Week 4-5: Human cognition
Week 6: Interface design process
Week 7-8: Requirements analysis
          Usability analysis
Week 9-12: Conceptual modeling
           Systems design, interaction design, and design guidelines
           Prototyping and prototyping tools
Week 13-15: Evaluation and assessment
            Presentations

3. Text Book or assigned readings:
Human-Computer Interaction, Alan Dix, Janet Finlay, Gregory Abowd and Russell Beale,
Prentice Hall, 1998
Additional assigned readings from other selected books as appropriate.

II. Grading and Evaluation Procedures
1. Course requirements: This course will have a mid-semester examination, a final examination
given during the finals week, and two 6-week group projects (25% credit each) that will require
students to research a topic or an extant system relevant to the course, and to design, implement
and evaluate an interface of an wireless device. These projects involve writing reports,
programming, and making presentations.
2. Grading system:
   - Homework Projects 50%
   - Mid-semester exam 20%
   - Final exam 30%
Grading scale: 90-100 = A; 80-89 = B; 70-79 = C; 60-69 = D; below 60 = F.

III. Other Policies
In order to understand the content of this course, it is imperative for each student to attend every class. If a student misses a class, it is his/her responsibility to find out the portion covered and obtain copies of any handouts. Class attendance and participation do not affect the grade. Assignments are due in class on the due date. Late assignments will be accepted during the next scheduled class with a 50% late penalty. No assignments will be accepted after this date. Makeup arrangements for missed exams will be made with an approved university excuse. Dean’s written permission is required for a final exam makeup. There will be no unannounced quizzes. Students will receive feedback on their progress before the midterm of the semester.

Academic Honesty: All portions of the Auburn University Honesty Code (Title XXII) found in the Tiger Club apply in this class.

Special Accommodations: Students who need special accommodations should make an appointment to discuss the Accommodation Memo during the instructor's office hours as soon as possible. If scheduled office hours conflict with classes, please make an appointment for another time. If the student does not have an Accommodation Memo, but need special accommodations, he or she should contact The Program for Students with Disabilities in 1244 Haley Center (844-2096 V/TTY).