Digital Signal Processing Class Survey – due 1 December 2010

Name (print): _____________________________________________
Digital Signal Processing Class Survey
29 November 2010

Submit on 1 December 2010 for Extra HW Credit

Please enter the requested information. On questions requesting a level of importance or agreement, circle one of the choices from 1 to 5. Use a 1 to indicate the lowest level and 5 to indicate the highest level. If the choice is not relevant or not applicable, select NA. For example on a question about the value of the text book, if you read the book and found it not helpful, select 1 but if you never read the book, select NA.

1. Student information:

Major Department: _______________________________

Level of comfort with the following before taking this class: (5 indicates very comfortable, 1 indicates very unfamiliar)

- (1 2 3 4 5) sines and cosines
- (1 2 3 4 5) sinusoidal functions of time
- (1 2 3 4 5) complex exponentials
- (1 2 3 4 5) constant coefficient differential equations
- (1 2 3 4 5) constant coefficient difference equations
- (1 2 3 4 5) sums of geometric sequences
- (1 2 3 4 5) analog frequency selective filters
- (1 2 3 4 5) Fourier Transform
- (1 2 3 4 5) Matlab script files
- (1 2 3 4 5) Matlab functions
- (1 2 3 4 5) Matlab plotting

Related personal interests: (5 indicates strong interest, 1 indicates little interest)

- (1 2 3 4 5) communications
- (1 2 3 4 5) audio processing
- (1 2 3 4 5) image processing
- (1 2 3 4 5) data compression
- (1 2 3 4 5) medical signal and imaging applications

2. Reasons for selecting this class (5 indicates a strong reason)

- (1 2 3 4 5) satisfies a restricted elective requirement in my degree or certificate program
- (1 2 3 4 5) is prerequisite for another course I want to take
- (1 2 3 4 5) recommended by my advisor
- (1 2 3 4 5) recommended by my employer or important for a job I will seek
- (1 2 3 4 5) free technical elective - personal interest in the subject
- Other ____________________________________________
3. Lectures
- Of the 20 lectures, how many did you attend? __________
- When you study for the final exam, how many hours will you spend reviewing lecture notes? ______________
- The lectures covered (too many, the right number, too few) topics.
- ( NA 1 2 3 4 5) The lectures helped me understand the course material.
- ( NA 1 2 3 4 5) I felt comfortable asking questions in the class lectures.

4. Homework
- Approximately how many hours each week did you spend on homework for this class? ______________
- When you study for the final exam, how many hours will you spend reviewing your graded homework? ____________
- When you study for the final exam, how many hours will you spend reviewing the posted homework solutions? ______________
- ( NA 1 2 3 4 5) Having answers to some assigned problems while doing the homework was more helpful than waiting for homework solutions after homework was submitted.
- (NA 1 2 3 4 5) Having posted homework solution was helpful in preparing for midterm exams.
- (NA 1 2 3 4 5) Using MATLAB for computation and visualization (plotting) significantly increased my understanding of the course material.

5. Textbook
- Approximately how many hours each week did you spend reading the textbook? ______________
- When you study for the final exam, how many hours will you spend reviewing the text? __________
- The assigned text readings covered (too many, the right number, too few) topics.
- ( NA 1 2 3 4 5) It was hard to find the most important information in the text.
- ( NA 1 2 3 4 5) The text helped me understand the course material.
- ( NA 1 2 3 4 5) I expect to use the text for reference in the future.

6. Office Hours
- How often did you come to office hours with questions? __________
- ( NA 1 2 3 4 5) The office hours discussions helped me understand the course material.
7. Review Sessions
   • How many of the two midterm review sessions did you attend? _____________
   • Do you plan to attend the final review session on Thursday? _____________
   • ( NA 1 2 3 4 5) The review sessions helped me understand the course material.

8. Practice Problems
   • How many hours did you spend working on practice problems? _____________
   • ( NA 1 2 3 4 5) The practice problems helped me understand the course material.
   • The practice problems were (more helpful, helpful in a different way, less helpful) than the homework because _____________________________________________.

9. Laboratories (Only complete this section if you were enrolled in the laboratory)
   • The most interesting laboratory was _________________________________
   • The least interesting laboratory was _________________________________
   • ( 1 2 3 4 5) The laboratories helped me understand the course material.
   • ( 1 2 3 4 5) The laboratories increased my MATLAB skills.
   • ( 1 2 3 4 5) The real time TI laboratories increased my ability to use commercial design tools.
   • ( 1 2 3 4 5) I believe the real time TI laboratory work will help me in job applications or assignments.
   • ( 1 2 3 4 5) The TA was knowledgeable.
   • ( 1 2 3 4 5) The TA was helpful.

10. What would you recommend to improve the class? For example, would you add or remove topics covered in the class, or would you like to have additional support material? Be as specific as possible.

11. Other comments: