EEE 244 Final Exam Guidelines -- Spring 2006

The final examination is scheduled for Monday, 5/15/06, 5:15 – 7:15 p.m., ARC-1015.

The course focus is on both numeric solution techniques and MATLAB implementation. The final exam will cover Parts 6, 7, and 8 of the text and count a total of 80 points toward the course grade. It will be two full hours in length; open book; class notes and calculator/computer allowed.

You may specifically skip the following sections: 21.3; 22.4; 23.3 & 23.4; 25.5; 26.2; 27.2; 29.3 – 29.5; Ch. 30; 31.3 & 31.4; Ch. 32.

Exam questions will be of the application type, which may involve using MATLAB. There will be a choice of problems of the following types to solve:

1. Given specified problem/data conditions, choose and employ an appropriate numerical technique for solution of the problem. Given specified problem/data conditions, determine the approximation error expected using a specified numerical technique?

2. Given a specified numerical technique, write MATLAB code for its execution or modify MATLAB “template” code for specific problem solution. Given faulty MATLAB code for a problem solution, find and correct the error.

Notes:

Graded HW 7 and Final Exams will be available for pickup from boxes outside of RVR-5062 after 5/19. The HW 7 solution will be posted on the web site on Friday, 5/12. Course grades will be posted on CASPER Web as soon as they have been determined.