

EE324: Signals and Systems II
<http://www.ece.iastate.edu/~rkumar/EE324>

	Course-Instructor	Lab-Instructor	Course-TA
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Texts:

1. *Signals and Systems*, by S. Haykin and B. Van Veen, John Wiley and Sons, 2005.
2. (Reference:) *Structure and Interpretation of Signals & Systems*, by E. Lee and P. Varaiya, Addison-Wesley, 2002
3. (Reference:) *Mastering Matlab*, by D. Hanselman and B. Littlefield, Prentice Hall, 2001 (<http://www.eece.maine.edu/mm/>).
4. Other Web Resources:
Mathworks (MATLAB): <http://www.mathworks.com>
Washington Course Webpage: http://www-rcs.ee.washington.edu/SST_textbook/textbook.html
Berkeley Course Webpage: <http://ptolemy.eecs.berkeley.edu/eecs20/index.html>
Johns Hopkins Demo Webpage: <http://www.jhu.edu/~signals>

Course Description:

1. Laplace Transform (Chapter 6)
2. Z-Transform (Chapter 7)
3. Application to Filters/Equalizers (Chapter 8)
4. Application to Linear Feedback Systems (Chapter 9)

Grading Scheme:

- There will be two in class midterm exams; the dates will be announced later. There will be one final exam that will be comprehensive. Make-up exams will be given only for unanticipated events (medical, emergency travel, etc.); adequate documentation should be provided to the instructor.
- Home works (which will include matlab exercises) will be assigned on a weekly basis. They will be due a week later (on a Friday). No late submission will be allowed unless a prior arrangement has been made. TA will grade the home works, so please contact your TA for questions regarding your home work grades. TA will post the home work solutions on the course web.
- There will be a certain number of short quizzes given in the class.
- The course involves weekly labs. There is a separate lab-instructor and a separate lab-TA. More information will be available on-line through the class web-page.
- The overall distribution of grades is obtained as:

Homeworks:	10%
Quizzes:	7.5%
Labs:	12.5%
Midterms:	40%
Final Exam:	30%
Total:	<u>100%</u>

- Final letter grade will be assigned based on class score distribution with average being the cutoff for B^- , and $\leq 45 = F$.