EE 3202: Signals and Systems - I

Time:  TTh 9:35-10:50am.
Room:  633 Mudd.
Prerequisite: EE 3201 or consent of instructor. Corequisite: Math 1210.
Instructor: X. Wang (Email: wangx@ee.columbia.edu, Phone: 854-6592).
Office Hours: Thursday 4:00 – 6:00pm, 717 Schapiro.
Grading:

$$
\text{Numeric Grade (NG)} = \text{homework } \times 20\% + \text{1st midterm } \times 20\% + \text{2nd midterm } \times 20\% + \text{final } \times 40\%
$$

$$
\begin{align*}
\text{Letter Grade} &= \begin{cases} 
A^+: 95 - 100; & A: 90 - 94; & A^-: 85 - 89; \\
B^+: 80 - 84; & B: 75 - 79; & B^-: 70 - 74; \\
C^+: 65 - 69; & C: 60 - 64; & C^-: 55 - 59; \\
D^+: 50 - 54; & D: 45 - 49; & D^-: 40 - 44; \\
F: 0 - 39.
\end{cases}
\end{align*}
$$

Course Outline:

1. Introduction.
2. Time-domain analysis of continuous-time systems.
3. The Fourier series and Fourier transform.
4. Frequency-domain analysis of continuous-time systems.
5. The Laplace transform and the transfer function representation.

References: