Outline of Our Study of Laplace Transforms

To do list:

0. Read Text, Chapter 12.
1. Basic definition and transform pairs (memorize pairs in Table 12.1)
2. Basic properties (memorize properties in Table 12.2)
3. Poles, zeros, and transfer functions
4. Inverse Laplace transform using partial fraction expansion
   a. Simple, real-valued poles
   b. Complex-conjugate pair of poles
   c. Repeated poles
5. Initial and final value theorems
6. Application to circuit analysis (learn to “think in the s-domain”)