Class "talking" points
EECS 361: Signal and System Analysis

1. What are a few reasons a student will enjoy your class?
   Signals, e.g., audio, video, and radar, are part of everyday life. These signals are converted to digital formats for storage, transmission, processing and play back. In this class students gain an understanding of signals and the systems that process them. Signals and systems form the basis for much of modern technology, including telecommunications, audio and video processing, radar, and more. Understanding these fundamentals is crucial for anyone working in these fields.

2. How will this class prepare a student post-graduation?
   Expertise in signals and systems opens up a wide range of career opportunities in industries such as telecommunications, consumer electronics, defense, healthcare, and more. It is a key area of knowledge for many high-demand engineering roles.

3. Why do you think every EECS student should take this class.
   The principles of signals and systems are applicable across various disciplines, including electrical engineering, computer science, biomedical engineering, and more. This knowledge is crucial for interdisciplinary innovation and development. Studying signals and systems enhances analytical and problem-solving skills. It involves mathematical modeling, analysis, and synthesis, which are valuable in a wide range of engineering and scientific applications.

4. What knowledge should a student know before taking this course?
   Students should understand differentiation, integration, complex numbers, trigonometry and able to use MatLab.

5. To be successful in this class a student should attend class and do the homework.

6. What programming language does this class use?
   MatLab and/or other plotting tool