

ME 104 Pre-lab 5

- Given 10-k Ω resistors and 0.1- μ F capacitors, determine how to build
 - an RC low-pass filter with a cut-off frequency of 1000 rad/s (159 Hz)
 - an RC high-pass filter with a cut-off frequency of 1000 rad/s (159 Hz)
 - an RC bandpass filter with a pass-band of 159 to 339 Hz.
- Please review the VI, **lab5_ex1.vi**, for this lab to ensure your understanding of them prior to this lab. The share drive for this course is accessible from the computers in the CAD lab and Rm. 2218. For Lab 5, go to **My Computer >> Network Drives >> melab >> ME 104 >> Lab 5**.

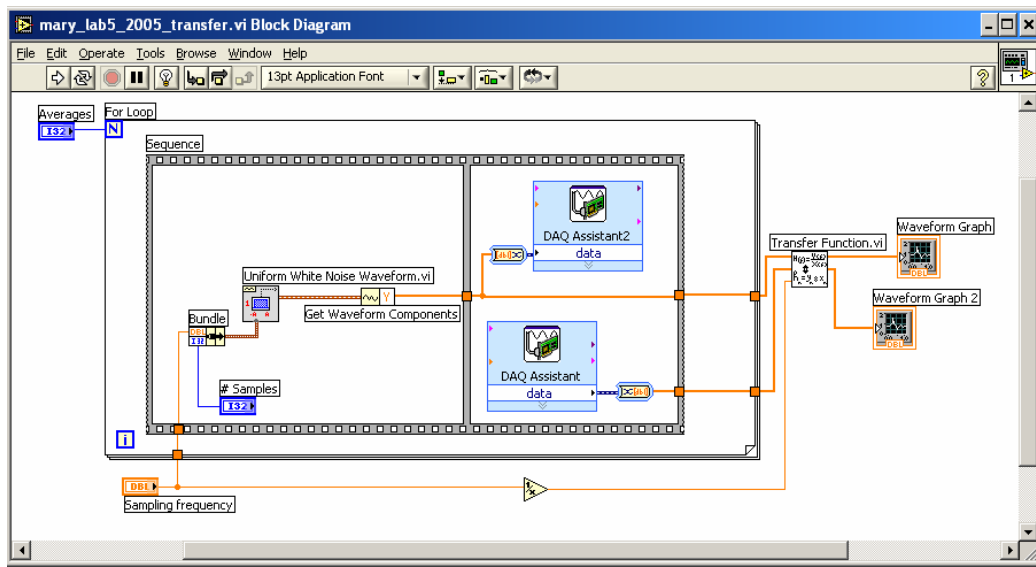


Figure 1. Block diagram of VI for Lab 5, **lab5_ex1.vi**