EECS 2602 Winter 2017

## <u>Laboratory 3 – Fourier series implementation, Fourier transform and Bode</u> Plots in MATLAB

## (Pre-Lab exercises)

Note: Pre-lab exercises will not be graded by the TAs, but you are strongly encouraged to complete these exercises before your lab session.

1. Determine the Fourier coefficients:  $a_0$ ,  $a_n$  and  $b_n$  of the following signal:

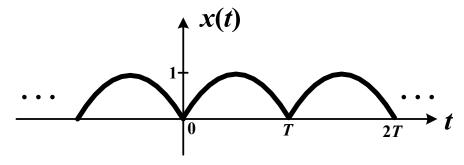


Fig. 1

2. Consider each of the following LTI systems, determine the gain response and phase response equations.

