Birzeit University -Faculty of Engineering Electrical Engineering Department ENEE2305-Circuit Analysis II

Dr. Hakam Shehadeh

Assignment

2nd Semester 2018-19

The most common types of active filters are classified into four such as

- 1. Butterworth.
- 2. Chebyshev.
- 3. Bessel.
- 4. Elliptical.

You are asked to choose any type of these filters (other than Butterworth, from. i.e. 2, 3 or 4) to act as a Low-Pass Active Filter, with any cutoff frequency you want. Use any simulation program you are familiar with to draw the circuit and plot the frequency response.

You have to submit a **.pdf file only** that contains the following (other than the cover page):

- Filter type
- Cutoff frequency
- Parameters values
- Circuit connection
- Frequency response plot
- Comments about the chosen filter
- The reference where you got your model.

The deadline is 24-5-2019.

Good Luck