

Technical Questions

Here is the list of technical questions for the Audio Filter Design Project. Your tutor will ask 1-2 questions from the below list during your demonstration session. You should be able to correctly and confidently answer questions asked by tutors to get full marks, 2/2 for the “Technical Questions” section.

- 1) How did you choose the type of filter required to solve this problem (i.e. high-pass/lowpass)?
- 2) How did you choose a particular topology (i.e. RC, RL)?
- 3) How did you select your cut-off frequency and what trade-offs did you consider?
- 4) What process did you use to calculate the component values (R, L or C values)?
- 5) Explain the difference between the “cursor” and “MEAS” functions for performing measurements, and in what situation each should be used.