

CALIFORNIA POLYTECHNIC STATE  
UNIVERSITY

CPE 367

DIGITAL SIGNALS AND SYSTEMS

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# Final Project: CPE 367: Touch Tone Filter

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**CAL POLY**

## TODOs

We have  $f_s = 4000$  so then we want some say 32 samples per run of our frequency analysis.

- Make a FFT from DFT assuming  $2^N$  sized samples.
- Make a LPF and BPF class that takes in  $f_s, f_c$ .

## Introductions