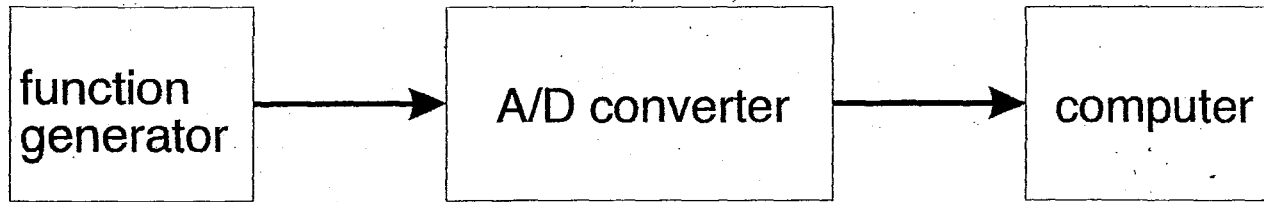


## Class Demo Set-up

NISHIMURA 2006

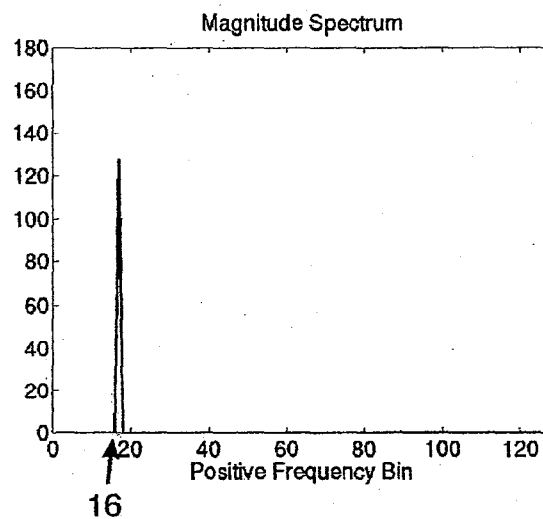


knob set for sinusoidal output  
adjustable knob changes frequency.

adjustable knob changes sampling rate.

creates file of 256 data pts  
A program was written to read in file and take 256-pt FFT of data.

We hope to show the following magnitude spectrum of the collected data.



What sinusoidal frequency and A/D sampling rate could you use?