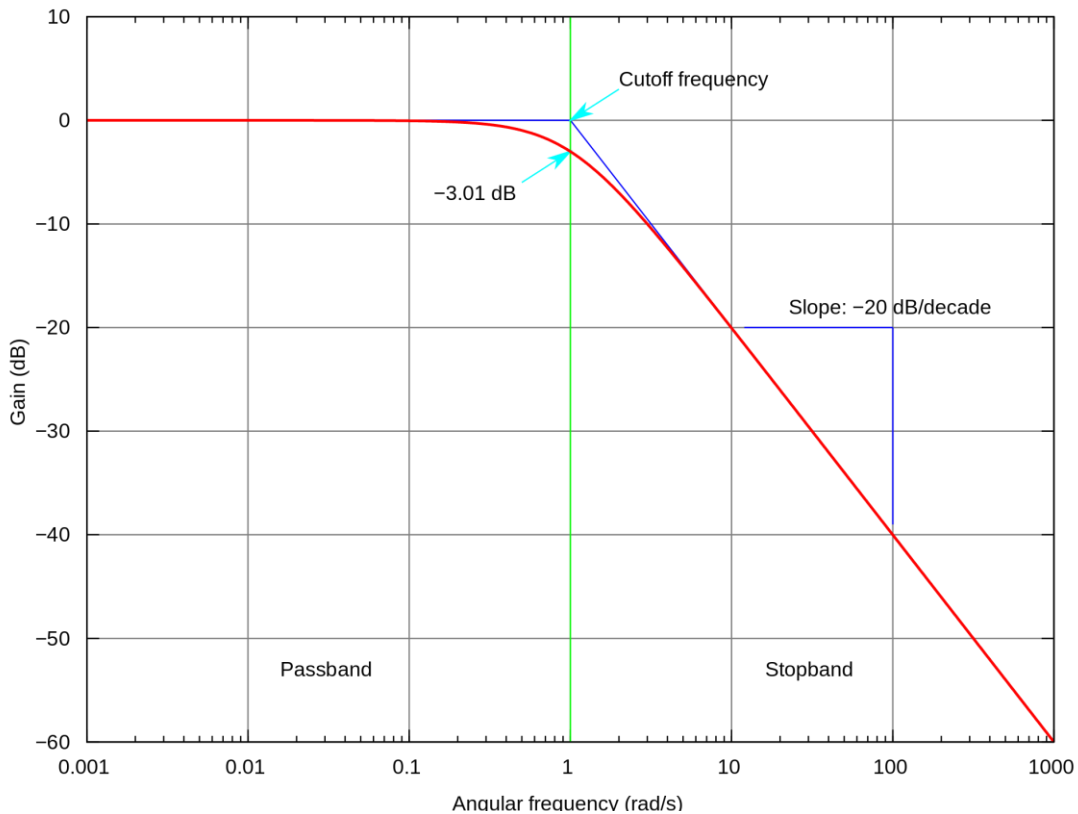


Music Technology

1. Describe what a **low-pass filter**, a **high-pass filter** and a **band-pass filter** do.



A low-pass filter frequency response chart

2. Make 2 revision sheets on the differences between a **dynamic microphone** and a **condenser microphone** works. Describe what is meant by **Polar Pattern**, **Frequency Response** and **Sensitivity**.



3. Prepare a 3 minute presentation about the production of a song of your choice. Choose something with creative production details. Things that you could describe would be interesting instruments, synthesizers, drum machines, tape effects, samplers and sampled audio, edited audio tracks and effects such as reverb, delay and distortion.