

MUSTC 123 / Homework Week 2 (due week 3)

Read chapter 6, pages 215-238 in *Modern Recording Techniques*. Answer the following questions based on what you read:

1. What does the term *sampling rate* refer to?
2. According to the *Nyquist Theorem*, if you want to record a signal that goes up to 48Hz, how high must the sampling rate be, at least?
3. What does a digital recorder's bit resolution determine?

Your response must be submitted online using Ohsi (www.revolvercreative.com/ohsi) before the beginning of class, Week 3.