

Recording Techniques Post-Strike #3

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1 Class Introduction

- Guitars.
- Look at “My Recording Rig” assignment.
- Refresh yourself on how to make spreadsheets.
 - Price, Qty, Subtotal, Tax, Total
 - Use equations.
- Brian is going to be teaching the class next week.
- There will be a few investigations today.

Reflection will be due tomorrow.

Read “Physical and Perceived Elements of Sound”.

2 Investigation #1

Acoustic Guitar Mic Placements

3 Investigation #4: E. Guitar Placement

- 1. Edge of the Cone - Darker Sound
- 2. Between Edge and Center of the cone - Thinner Sound
- 3. Center of the cone - VERY Brittle
- 4. On edge and angled - Compared to 2, this is slightly brighter, with a more defined low
- 5. Royer - Condensor, more proximity effect, smooth, I like it

Audiofile Calculator.

Measured two wavelengths - set SM57s down at $1/2$ Wavelength, 1 wavelength, and two wavelengths. The fundamental note was an “E2”.

4 Investigation #5:

5 Investigation #6: Jack Richardson Techniques

Three Microphones On The Cone:

- Shure SM57 - one side of the cone at an angle, close
- Sennheiser 421 - other side of the cone
- Neumann TLM 170 - center