PHY138 - Waves, Lecture 3

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Office Hours: Mon. 6 PM, Wed. 2 PM, Wed. 6 PM, Fri. 9 AM ... come on by!

Reading Assignment

- This week's reading assignment from the text by Knight is: Chapter 20, Sections 20.1-20.7
- There is also an article on Medical Ultrasound available on the web-page for Wednesday's Lecture (Waves Lecture 4).
- Suggested Chapter 20 Exercises and Problems for Practice: 1, 25, 35, 39, 53, 69, 71, 79, 82 (79 is funny!)

PHY138 – Waves, Lecture 3 Today's overview

- The Wave Model
- Speed of Waves on a String
- Sinusoidal Waves
- Spherical Waves, Plane Waves

Transverse versus Longitudinal

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