

**During the second class, I showed the following three videos from “The Mechanical Universe and Beyond” series:**

**42. The Lorentz Transformation**

**43. Velocity and Time**

**44. Mass, Momentum, and Energy**

**You can access these videos online by going to:**

**<http://www.learner.org/resources/series42.html>**

**and selecting the video you would like to see.**

**You can also access the corresponding chapters**

**The Lorentz Transformation**

**<https://faculty.washington.edu/seattle/physics544/videos/42.pdf>**

**Velocity and Time**

**<https://faculty.washington.edu/seattle/physics544/videos/43.pdf>**

**Mass, Momentum, and Energy**

**<https://faculty.washington.edu/seattle/physics544/videos/44.pdf>**