

Science-1A Lecture: Week-11, Monday, March 22, 2021

I used most of the Crash Course Physics videos to supplement the physics half of this course, but in the chemistry half I will only use a few. Please watch the following to get introduced to chemistry.

The Nucleus: Crash Course Chemistry #1 10 min 11 s

<https://www.youtube.com/watch?v=FSyAehMdpYI&list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr&index=2>

This is mostly a review of what you learned from "Our Friend the Atom", but it is worth 10 minutes to be reminded about these basics.

Unit Conversion & Significant Figures: Crash Course Chemistry #2 11 min 23 s

<https://www.youtube.com/watch?v=hQpQ0hxVNTg&list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr&index=3>

This is someone else besides me preaching about the importance of units. The last part of this talks about significant figures which I have chosen to not stress.

The Creation of Chemistry - The Fundamental Laws: Crash Course Chemistry #3 10 min 58

<https://www.youtube.com/watch?v=QiiyvzZBKT8&list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr&index=4>

This is largely new material for us.

The Periodic Table: Crash Course Chemistry #4 11 min 21 s

<https://www.youtube.com/watch?v=0RRVV4Diomg&list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr&index=7>

The Electron: Crash Course Chemistry #5 12 min 47 s

<https://www.youtube.com/watch?v=rcKilE9CdaA&list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr&index=6>

Talks about electron configurations in detail.