Here's the next best thing to taking my class!!! It's about 4 hours of the Zoom lectures I did during COVID-2020.

(1) This is day 1 of the buffer notes. You can fast forward to the 4 minute mark and start there. The video is about 20 minutes in length. <https://drive.google.com/file/d/1yRQM9aQ2m0SHf8Gy0piLstfgrVGvie1K/view>

(2) This is a demo using post-it notes showing how a buffer soloution resists changes in pH when a SA or SB is added to the solution. This video is about 4 minutes in length. <https://drive.google.com/file/d/1bbpZMAlw3X4eTO5SW6nOvzVyrrEC4Tkj/view>

(3) Finish buffers & start titration Notes. This video is about 18 minutes in length. <https://drive.google.com/file/d/1rhcokpf9eTPcorsdgyClkMU3exkdo4qH/view?usp=sharing>

(4) Titration demo using post-it notes. This video is about 6.5 minutes long. <https://drive.google.com/file/d/1PcZ4TQwcCtcAbsDzvL0i5Jh9Q8mdm-xa/view?usp=sharing>

(5) Finish titration notes. I do a quick review for 5 min. and then start "new stuff". I finish the notes at the 16 minutes mark. Then I show the posti-it note demo video. Then I start to do the w.s. called, "IS IT A BUFFER?" This starts at the 24 minute mark and goes for 6 more minutes. I finish the w.s. in the next lecture. <https://drive.google.com/file/d/1BPcn6BZb-0iJrVNPF7X7nvgP0T8ouEJe/view?usp=sharing>

(6) \*Finished "Is It a Buffer?" worksheet

\* pKa of weak acid titration simulation

\* Strong Acid/Strong Base Titration simulation using HCl + NaOH and then HCl + Sr(OH)2 This video is 30 minutes. Important note---> I screwed up #8's answer on the w.s. called "IS IT A BUFFER?" I said that it was NOT a buffer for #8, but it IS a buffer since there's some weak base left over after reacting with a strong acid. (SORRY!) <https://drive.google.com/file/d/1vzQJBsBXfke-GXUqMs9-vqjIuHBbfEhZ/view?usp=sharing>

(7) I do buffer practice problems from a w.s. I stole from this Facebook group. The video is 30.5 minutes long. (It's my favorite buffer practice problem worksheet!! This is the link to the w.s.-- <https://docs.google.com/document/d/1LGMzOAP_FZJ47cN9ziGv8-G_QqkPLwF_WWwgIvaZAkg/edit?usp=sharing>) This is the link to the video-- <https://drive.google.com/file/d/1g9YrKLy5zfWo-blD5hcmP9ub0xndP7bV/view?usp=sharing>

(8) This 27.5 minute video covers titration practice problems. Here's the link for the w.s. --<https://docs.google.com/document/d/1yjoOmUIKC_vGh55iIne2nW2oKmX8pyIf9T82w1IrE08/edit?usp=drive_web&authuser=0> This is the video link-- <https://drive.google.com/file/d/11vy2gbmqK4DcRUWr4daoGsjEbqsL7Ay_/view?usp=sharing>

(9) In this 30 minute video, I finish the titration practice problems and do more practice with buffers. (Here's the link to the additional practice w.s. -- <https://docs.google.com/document/d/1Ox2HwmwD1S8Swz2QzBnL2bMsVYtB8WXReFUjkZmEro8/edit?usp=sharing>) Here's the link to the video-- <https://drive.google.com/file/d/1A_mhoFn0wlHC-8LniBx0RWvExGqqdui7/view?usp=sharing>

(10) Start at the 13 minute mark. I finish the w.s. from the day before. <https://drive.google.com/file/d/1FxGDoC8LD7Tz8iHGI2UXL0JXBRSn3E1W/view?usp=sharing>

(11) Last day of review: 30 min. of old AP MC questions &/or textbook problems. I'm not sharing the w.s, but here's the video-- <https://drive.google.com/file/d/1IWmD0wCz6nhz7BISycDzvB-zAfvd0ZpB/view?usp=sharing>