Assigned Monday, February 3rd

Draw Asp, Glu, Lys, Arg and His at pH = 1 and pH = 13.

I will go over these structures in class on Wednesday, 02/05!

Assigned Wednesday, February 5th

Glutamic acid (Glu) is an amino acid with three pKa's: carboxyl group, pKa = 4; amino group, pKa = 10; and side chain (carboxyl) pka = 2.

Draw Glu and predict the charge at pH = 1; pH = 3; pH =5 and pH = 13.

We will go over this on-line Monday, 02/10!

Assigned Monday, February 10th

Draw the following protein:

Asn-Tyr-Gly-Cys-Met

We will go over this in class on Wednesday, 02/12!

Assigned Wednesday, February 12th

Draw the following protein:

Ala-Val-Lys-Glu-Phe-Gly-Tyr

at pH=0 and pH=14

We will go over this in class Wednesday 02/19!

Assigned Wednesday, February 19th

Translate and draw the resultant protein at pH=0:

AUGGCUGAUGGUUUUGUUUAA

We will go over this on-line Monday 02/24!