

CHEMISTRY 103 SLOA CHAPTERS 16, 17

CHAPTER	LEARNING OUTCOMES	TYPICAL ASSESSMENT
16	Ion concentrations in strong electrolytes	16.1.2; 16.1.3
	pH scale and $K_w$	16.2.1; 16.2.2; 16.9
	Ion concentrations in weak acids and bases	16.3.1; 16.5.1; 16.5.2; 16.24
	Multiple equilibria and polyprotics	16.7.2; 16.45; 16.46; 16.64
17	Nature and composition of buffers buffer equation; buffer preparation	17.1.2; 17.1.3 17.2.1; 17.2.3; 17.2; 17.4
	Acid-base titrations; indicators	17.3.1; 17.3.2; 17.3.3
	Solubility equilibria and $K_{sp}$ Common ion effect	17.4.1; 17.4.3; 17.21; 17.23 17.4.2; 17.27
	Complexation equilibria	17.5.1; 17.5.3