

Chemistry 102
Spring 2009
LABORATORY SCHEDULE

<i>Week</i>		<i>Laboratory</i>
<i>Beginning</i>	<i>#</i>	
Jan 26	12-090	Check-in. Preparation of $K_3[Fe(C_2O_4)_3] \cdot 3H_2O$
Feb 2	13-079	Determination of Fe in $K_3[Fe(C_2O_4)_3] \cdot 3 H_2O$ – Spectrophotometry
Feb 9	14-067 15-015	Determination of H_2O in $K_3[Fe(C_2O_4)_3] \cdot 3 H_2O$ – Thermogravimetric Determination of $C_2O_4^{2-}$ in $K_3[Fe(C_2O_4)_3] \cdot 3 H_2O$ – Redox Titration
Feb 16	16-077	Kinetics – The Iodine-Clock Reaction
Feb 23	17-044	Determination of an Equilibrium Constant – $[FeSCN]^{2+}$
Mar 2	18-201	Determination of Vitamin C in Citrus Fruit
Mar 9	—	<i>No Lab</i>
Mar 16	—	<i>Spring Break – No Lab</i>
Mar 23	19-028	Investigation of Weak Acids, Bases and Their Salts
Mar 30	20-050	Potentiometric Titration: Determination of MW and K_a of a Weak Acid
April 6	21-116	Qualitative Analysis (Part 1 of 2)
April 13	21-116	Qualitative Analysis (Part 2 of 2)
April 20	22-026	Investigation of Galvanic Cells
April 27	Check Out	Check Out Procedure

Website: <http://classes.colgate.edu/jchanatry/chem102>