

### CHEM104 21F Course Schedule

<u>Week #</u>	<u>Week Start Date</u>	<u>Text Sections</u>	<u>Lect #</u>	<u>Topic</u>
<b>Week 1:</b>	<b>8/23/21</b>	Text 3.4, 3.11	L1	Equations for Solving Problems
		Text 3.5-3.10	L2	Dimensional Analysis for Solving Problems
<b>Week 2:</b>	<b>8/30/21</b>	Text 5.1-5.4	L3	Atoms
		Text 5.5-5.9	L4	Molecules
<b>Week 3</b>	<b>9/6/21</b>	Text 6.1-6.6	L5 a-b	Electromagnetic Radiation & Electron Energy Levels
		Text 6.7-6.12	L6 a-b	Quantum Numbers & Periodicity of Atomic Properties
<b>Week 4</b>	<b>9/13/21</b>	Text 7.1-7.16	L7 a-b	Ionic and Covalent Bonding; Lewis Structures
		Text 7.17-7.20	L8	Molecular Geometry
<b>Week 5</b>	<b>9/20/21</b>	Chapters 3, 5, 6, 7	T1	Test 1 Problem Set
		Chapters 3, 5, 6, 7	T1	Test 1
		Text 8.1-8.8	L9	Chemical Nomenclature
<b>Week 6</b>	<b>9/27/21</b>	Text 9.1-9.9	L10	Chemical Calculations - Mole Concept
		Text 9.10-9.14	L11	Chemical Calculations – Empirical Formula
<b>Week 7</b>	<b>10/4/21</b>	Text 10.1-10.5	L12	Calculations Involving Equations - Part A
		Text 10.7-10.11	L13	Calculations Involving Equations - Part B
<b>Week 8</b>	<b>10/11/21</b>	Text 11.1-11.15	L14	States of Matter and Enthalpy Changes
		Text 11.16-11.17	L15	Intermolecular Forces of Attraction
<b>Week 9</b>	<b>10/18/21</b>	Chapters 8, 9, 10, 11	T2	Test 2 Problem Set
		Chapters 8, 9, 10, 11	T2	Test 2
<b>Reading Week</b>	<b>10/25-10/29/2021</b>	<b>Environmental Science Book</b>		<b>Read Book; Begin Drafting Report Due Finals Week</b>
<b>Week 10</b>	<b>11/1/21</b>	Text 12.1-12.9	L16	Gases I
		Text 12.1-12.9	L17	Gases II
<b>Week 11</b>	<b>11/8/21</b>	Text 13.1-13.7	L18	Solutions I
		Text 13.8-13.11	L19	Solutions II
<b>Week 12</b>	<b>11/15/21</b>	Text: 14.1-14.9	L20	The Nature of Acids and Bases
		Text 14.10-14.13	L21	Acid Base Reactions and Buffers
<b>Week 13</b>	<b>11/22/21</b>	Text: 15.1-15.6	L22	Oxidation-Reduction Reactions
		Text: 15.1-15.6	L23	Molecular/Ionic/Net Ionic Equations
<b>Week 14</b>	<b>11/29/21</b>	Chapters 12, 13, 14, 15	T3	Test 3 Problem Set
		Chapters 12, 13, 14, 15	T3	Test 3
<b>Final Exam Week</b>	<b>12/8/21</b>	Chapters 3, 5-15		Cumulative Final Exam on 1st Full Day of Exam Period
	<b>12/10/21</b>	Book Report Due		Book Report Due by Midnight on 3rd Full Day of Exam Period