

CHEMISTRY 2000**Schedule for LAB #1 to 6 (draft 3)****Spring 2021**

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Mukaila Ibrahim	Office:	Phone: #	Lab 08 & 10	ma.ibrahim@uleth.ca
Yeasmin Ratna	Office:	Phone: #	Lab 02	y.ratna@uleth.ca
Daniel Rocca	Office:	Phone: #	Lab 04 & 06	daniel.rocca@uleth.ca
Sarah Schultz	Office:	Phone: #	Lab 03 & 05	sarah.schultz@uleth.ca
Sani-e-zehra Zaidi	Office:	Phone: #	Lab 07 & 11	saniezehra.zaidi@uleth.ca

SECTIONS: Monday 12:00 - 2:45 pm. (Lab #1)	Monday 3:00 - 5:45 pm. (Lab #4)
Tuesday 3:00 - 5:45 pm. (Lab #5)	Wednesday 9:00 - 11:45 am (Lab #6)
Wednesday 12:00 - 2:45 pm. (Lab #2)	Wednesday 3:00 - 5:45 pm. (Lab #3)

All students are required to wear eye protection, mask, gloves and lab coats **at all times** while in the laboratory. Safety glasses and lab coats can be purchased at the bookstore (SU210). Students must also be WHMIS-certified by the U of L to perform work in the Chemistry 2000 lab. Students not WHMIS-certified must contact their instructor **before your first scheduled lab** to arrange for WHMIS certification.

Block 1

January 11-13 Check-in – Preparation Fe³⁺ Complex Salt (Step 1) (10 marks)

January 18-20 *Virtual 1: Introduction, Site specific safety protocols*
Laboratory Safety – Quiz (10 marks)

Block 2

January 25-27 Preparation Fe³⁺ Complex Salt (Step 2) (10 marks)
Preparation of KMnO₄

February 01-03 *Virtual 2: MW by Freezing Point Depression* (10 marks)

Block 3

February 08-10 Standardization of KMnO₄ (15 marks)
Harvest Fe³⁺ Complex Salt

February 13-19 **Spring Reading Week – 2000 labs cancelled**

February 22-24 *Virtual 3: Vibronic Spectrum of the KMNO₄ ion(TBC)* (10 marks)

Block 4

March 01-03 Characterization of Fe³⁺ Complex Salt (20 marks)
Complex Salt Product due (5 marks)

March 08-10 *Virtual 4: IR Characterization of organic functional group*

Block 5

March 15-17 Characterization of Fe³⁺ Complex Salt Continued (5 marks)
Preparation of Hand Sanitizer – (due end of period)

March 22-24 *Virtual 5: Functional group unknown* (15 marks)

March 29-31 **Technique/Check Out Lab #1-6 (FIRST hour of lab)** (10 marks)

April TBC LAB FINAL – MOODLE {25 marks}

1John Eng
2Yeasmin Ratna
3Sarah Schultz
4Daniel Rocca
5Sarah Schultz
6Daniel Rocca

7Sani Zaidi
8Mukaila Ibrahim
9Briana Boychuk
10Mukaila Ibrahim
11Sani Zaidi
12 Briana Boychuk