

## CHEM 1411 Honors and MCP Majors/Minors Lab Schedule

Date	Lab Module	Regular Lab*
September 2 <sup>nd</sup>	Lab Safety/Check In/Syllabus Accessing Computer Grade Book Numbers, Sig Figs, Rounding	Yes
September 9 <sup>th</sup>	Using Web Endnote and Databases Literature Assignment	No
September 16 <sup>th</sup>	Follow up on literature assignment Introduction to Research Project	No
September 23 <sup>rd</sup>	Specific heat of metals	Yes
September 30 <sup>th</sup>	Determination of Water of Hydration	Yes
October 7 <sup>th</sup>	Melting Point Determination	Yes
October 14 <sup>th</sup>	Turn in results of your literature assignment Sample preparation for HPLC analysis	No
October 21 <sup>st</sup>	HPLC Analysis of samples <b>Meet in Kilgore 186E</b> <b>Please note that this lab will take longer than the scheduled two hour lab session. All data from this session will be transmitted electronically, but an extended discussion of the data will take place.</b>	No
October 28 <sup>th</sup>	Solubility of an Unknown Salt	Yes
November 4 <sup>th</sup>	Analysis of Percent Sulfate	Yes
November 11 <sup>th</sup>	Water Hardness: A titration analysis Submit written report of sample analysis electronically	Yes
November 18 <sup>th</sup>	Final discussion regarding data and Presentation	No
December 2 <sup>nd</sup>	Presentation of sample analysis	No

\* All labs will meet in ANS 120 with the exception of the HPLC Analysis lab on October 21<sup>st</sup>. The October 21<sup>st</sup> lab will take longer than the scheduled two hour lab session. Labs indicated as Regular Labs will be run as indicated in the Lab Manual.