

**Physics 305 Experimental Modern Physics
Lab Schedule Fall 2009**

	Group 1A (MT) <i>Sam D. Quentin E</i>	Group 2A (MT) <i>Bryce B. Justin H.</i>	Group 3A (MT) <i>Eric H. Ben W.</i>	Group 4A (MT) <i>Jeremy H Jon K.</i>	Group 1B (WR) <i>Cole C Lauren C Dan Me</i>	Group 2B (WR) <i>Will G Dan Mc</i>	Group 3B (WR) <i>Drew H Amanda H</i>	Group 4B (WR)
Week 0 Sept 7	LabVIEW Tutorial							
Week 1 Sept 14	Experiment Control and Data Acquisition using the Labjack Interface							
	108	109	110	112	108	110	111	112
Week 2 Sept 21	Experiment Control with LabVIEW and GPIB Instruments							
	108	109	110	112	108	110	111	112
Week 3 Sept 28	Millikan Oil Drop 108	Millikan Oil Drop 110	Millikan Oil Drop 112	Millikan Oil Drop 112A	Millikan Oil Drop 108	Millikan Oil Drop 110	Millikan Oil Drop 112	Millikan Oil Drop 112A
Week 4 Oct. 5 NOBEL	Millikan Oil Drop 108	Millikan Oil Drop 110	Millikan Oil Drop 112	Millikan Oil Drop 112A	Millikan Oil Drop 108	Millikan Oil Drop 110	Millikan Oil Drop 112	Millikan Oil Drop 112A
Week 5 Oct 12	Interferometer (Part 1)							
	108	110	111	112	108	110	111	112
Week 6 Oct 19	Interferometer (Part 2)							
	108	110	111	112	108	110	111	112
Week 7 Oct 26	<i>No Lab – Fall Break</i>				Franck- Hertz 110	Franck- Hertz 110	e/m of Electron 111	e/m of Electron 112
Week 8 Nov 2	Franck- Hertz 108	Franck- Hertz 110	e/m of Electron 111	e/m of Electron 112	e/m of Electron 111	e/m of Electron 112	Franck- Hertz 108	Franck- Hertz 110
Week 9 Nov 9	e/m of Electron 111	e/m of Electron 112	Franck- Hertz 108	Franck- Hertz 110	Nuclear Electronic 109	Nuclear Electronic 108	Lock-In Amplifier 110	Lock-In Amplifier 111
Week 10 Nov 16	Nuclear Electronic 109	Nuclear Electronic 108	Lock-In Amplifier 110	Lock-In Amplifier 111	Compton Scatterin g 108	Ruth. Scatterin g 109	Lock-In Amplifier 110	Lock-In Amplifier 111
Week 11 Nov 23	Compton Scattering 108	Ruth. Scatterin g 109	Lock-In Amplifier 110	Lock-In Amplifier 111	No Lab: Thanksgiving Break			
Week 12 Nov 30	Lock-In Amplifier 110	Lock-In Amplifier 111	Nuclear Electronic 109	Nuclear Electronic 108	Lock-In Amplifier 110	Lock-In Amplifier 111	Nuclear Electronic 109	Nuclear Electronic 108
Week 13 Dec 7	Lock-In Amplifier 110	Lock-In Amplifier 111	Compton Scattering 108	Ruth. Scattering 109	Lock-In Amplifier 110	Lock-In Amplifier 111	ComptonS cattering 108	Ruth. Scattering 109
Week 14 Dec 14	No Lab – Finish Writing Assignments							

Boldface indicates that a lab notebook is due upon completion of the experiment.