

PHYSICAL CHEMISTRY II LABORATORY

Spring 2017

Instructor: Professor Christopher Dares (cdares@fiu.edu)

Schedule: MW 2:00 pm – 4:50 pm; in CP375

Office: CP338A

Office Hours: TR 11:00 – 12:00 pm, or email for an appointment

Textbook: “Experiments in Physical Chemistry” 7th or 8th Ed., by D.P. Shoemaker, C.W. Garland, and J. W. Nibler (New York: McGraw Hill, 2009 – ISBN 978-0-07-282842-9)

Course Website: faculty.fiu.edu/~cdares/teaching.html

TEAMS

- 1 Matthew Fortunato, Nicholas Hernandez
- 2 Carlos Moreira, Amal Gayoushe
- 3 Wendy Delgado, Jacqueline Godefoy
- 4 James Vempala, Eseoghene Ebiala

SCHEDULE FOR THE FIRST 4 EXPERIMENTS

Dates	Team and Experiment	Lab Report Due Date
Feb 27	TEAM1 – Absorption Spectra of Conjugated Dyes	March 20
	TEAM2 – Spectrum of Iodine	
Mar 1	TEAM3 – Infrared Spectrum of HCl	Mar 22
	TEAM4 – Computational Modeling of Diatomics	
Mar 6	TEAM1 – Spectrum of Iodine	Mar 27
	TEAM2 – Infrared Spectrum of HCl	
Mar 8	TEAM3 – Computational Modeling of Diatomics	Mar 29
	TEAM4 – Absorption Spectra of Conjugated Dyes	
Mar 20	TEAM1 – Infrared Spectrum of HCl	Mar Apr 3
	TEAM2 – Computational Modeling of Diatomics	
Mar 22	TEAM3 – Absorption Spectra of Conjugated Dyes	Apr 5
	TEAM4 – Spectrum of Iodine	
Mar 27	TEAM1 – Computational Modeling of Diatomics	Apr 10
	TEAM2 – Absorption Spectra of Conjugated Dyes	
Mar 29	TEAM3 – Spectrum of Iodine	Apr 12
	TEAM4 – Infrared Spectrum of HCl	