

Laboratory Schedule for Chem 235A-004 - Fall, 2005

Text:

- Experiments: #1 Bomb Calorimeter  
#2 Solution Calorimeter  
#3 Vapor Pressure Liquids; Enthalpy of Vaporization  
#4 Liquid Vapor Equilibrium in Binary Systems  
#5 Acid Dissociation Constant of Methyl Red  
#6 Phase Diagram of a Binary Solid-Liquid System  
#7 Solubility as a Function of Temperature  
#8 Kinetics: Hydrolysis of Methyl Acetate  
#9 Kinetics: Reaction of Ethyl Acetate and OH<sup>-</sup> followed by Electrical Conductance  
#10 Kinetics: Bromination of Acetone  
#11 Conductance of Strong and Weak Electrolytes  
#12 Laser based kinetics study

Week	Tues.	8:30-12:00	1	2	3	4	5	6	7	8	9	10
1	9/6				Dr. Grow		351T		Grow@NJIT.EDU			
					<u>Check-in Discuss Lab Procedures</u>							
2-3	9/13 9/20		11	1	2	6	3	5	1	2	6	3
4-5	9/27 10/4		9	4	7	9	2	3	4	7	1	2
6-7	10/11 10/18		1	11	9	3	6	2	11	9	3	6
8-9	10/25 11/1		3	9	6	1	5	4	9	6	8	5
10-11	11/8 11/15		4	3	11	5	9	9	3	11	5	9
12	11/22											
13-14	11/29 12/6											

Make up and Check out

Oral Reports

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|--|--|
| 1) Cesar Jaramillo & Jignesh Amieshvar | 2) Feng Lin                                |
| 3) Gordon French & Daniel Zaloga       | 4) Stephen Istivan & Sapna Singh           |
| 5) Paul Barany & Salini Verma          | 6) Chelise Hutchins-Gray & Sefora Vassallo |
| 7) David Nare & David Recio            | 8)   |
| 9) Emmanuel Echie & Rut Patel          | 10) Steve Vaga & Christina Recine          |