

Summer 09
CHEMISTRY 108L (first session)
Laboratory Textbook: *Experimental Organic Chemistry*, Daniel Palleros, Wiley, New York, 2000

Important Summer Session 2009 Dates

	Session I	7-wk Sess	8-wk Sess	10-wk Sess	Session II
Last day to enroll/add online	June 27 (Sat) (11:59 pm)	June 27 (Sat) (11:59 pm)	June 27 (Sat) (11:59 pm)	July 4 (Sat) (11:59 pm)	Aug 1 (Sat) (11:59 pm)
Last day to drop online	June 28 (Sun) (11:59 pm)	June 28 (Sun) (11:59 pm)	June 28 (Sun) (11:59 pm)	July 5 (Sun) (11:59 pm)	Aug 2 (Sun) (11:59 pm)
Withdrawal Period at Summer Office (no refund)	June 29 – July 10 (8:00-4:00)	June 29 – July 17 (8:00-4:00)	June 29 – July 24 (8:00-4:00)	July 6 – July 31 (8:00-4:00)	August 3 – August 14 (8:00-4:00)
Note that during Summer Session there is no auditing of classes, no "Add by Petition" and no "Administrative Drop by Instructor". Failure to attend class does not constitute a "Drop". All deadlines are final.					

Tentative Lecture Schedule

Lecture	Subject
1	Purification of organic compounds Recrystallization and melting point
2	Liquid-liquid extraction.
3	Isolation of caffeine from tea
4	Distillation and boiling point
5	Gas chromatography
6	Thin layer chromatography
7	Column Chromatography
8	Substitution Reactions
9	Diels-Alder Reaction
10	IR spectroscopy

A 1.5-hr written final exam.

Tentative Laboratory Schedule

week	Exp #	Title	
1	1st day	4	Check-in. Recrystallization and melting point
	2nd day	4	Continue above experiment
2	1st day	5	Isolation of caffeine from tea
	2nd day	7C*	Isolation of Citrus oil

3	1st day	7C*	Analysis of Citrus oil
	2nd day	8	TLC analysis of plant pigments
4	1st day	11B	Isolation of carvone
	2nd day	13.2	Synthesis on t-pentyl chloride
5	1st day	19A.2	Diels-Alder Reaction

* Must be downloaded from the class website