

THE COLLEGE AT  
O L D W E S T B U R Y  
STATE UNIVERSITY OF NEW YORK

**ORGANIC CHEMISTRY-II LAB SUMMER 2018**

**MAIN LAB S102**

**M-W, 9:00 AM-1:00 PM**

**Instructor:** Khosrow Kashfi, PhD  
*Associate Medical Professor*  
*CUNY Medical School*

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**Text:** Organic Chemistry Lab Manual, SUNY College at old Westbury

DATE	EXPERIMENT	PROBLEMS
09-July	Check in and Chapter 32, P457: Reduction	# 1, 2
10-July	Chapter 24, P375: Grignard (1, 2)	# 3, 5, 6
11-July	Chapter 18, P325: Oxidation (3, 5) careful adipic acid, NO <sub>2</sub> toxicity	# 1, 2
16-July	Chapter 29, P431: Diels-Alder (1, 2)	# 1, 2, 3, 4
17-July	Chapter 21, P349: Nitration (1)	# 1, 2, 3
18-July	Chapter 22, P355: Friedel.... (4)	# 1, 4, 5
23-July	Chapter 31, P453: Tetraphen... (1)	# 1
24-July	Chapter 28, P419: Sandmeyer (4)	# 1, 2, 3
25-July	Chapter 25, P393: Aspirin	# 1, 2
30-July	Chapter 26, P399: Malonic Ester Syn. (1)	# 1, 2, 3
31-July	Chapter 23, P369: Dibenzalacetone	# 1, 2, 3
01-August	Chapter 27, P409: Amines (1, 2, 3, 5)	# 1, 2, 4
06-August	Checkout Lab Exam	

There are no make-up labs. A lab report is due the day following the experiment and must include the following format:

- i) **Title and date;**
- ii) **Aim**, this is usually very short (one or two sentences) and gives the reader an idea of the purpose of the lab;
- iii) **Theory**, relevant equations and mechanisms if any and the general theory behind the lab is presented here;
- iv) **Materials**, list all the reagents, amounts, and equipment necessary for the experiment;
- v) **Method**, here you must write exactly what you did. This must be in the past tense and in the third person so that someone who knows nothing about the lab can follow what you did and be able to repeat the experiment. Please do not itemize the method(s) employed.
- vi) **Results**, here you will do your calculations, report any observations etc.
- vii) **Conclusion**, this is also very brief and must tie-in with your aim.

**Evaluation:**

Reports 70%  
Comprehensive lab exam 30%

<b>Grades:</b>		
A >90	A- 87-89	
B+ 84-86	B 80-83	B- 77-79
C+ 74-76	C 70-73	C- 67-69
D+ 64-66	D 60-63	F <60

THE UNIVERSITY OF CHICAGO  
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