

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

ORGANIC CHEMISTRY-I LAB SUMMER 2023

MAIN LAB S102

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

Instructor: Khosrow Kashfi, PhD, FRSC, FRSB
Professor

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Text: Macroscale & Microscale Organic Experiments, Williamson, 7th Edition

DATE	EXPERIMENT	PAGES	PROBLEMS
30-May	Check in; Melting Point (Chp 3)	41-60	P60 # 4, 6, 9
31-May	Recrystallization (Chp 4: 1, 2, 5)	61-86	P86 # 1, 2, 6, 8
05-June	Distillation (Chp 5: 1a, 2a, 6)	87-101	P101 # 6, 8, 13
06-June	Steam Distillation (Chp 6: 1, 2)	103-131	P131 # 2, 4, 6
07-June	Extraction (Chp 7: 1)	132-164	P164 # 1, 5, 7
12-June	Thin Layer Chromatography (Chp 8: 1)	165-185	P184-5 # 2, 5, 9, 11
13-June	Column Chromatography (Chp 9: 4)	186-205	P205 # 3 4,
14-June	Start Resolution of α -Phenylethylamine, Chlorination (Chp 18: #1) & VPC	Handout 328-335	P335 # 1, 2
19-June	Completion of Resolution Exp		
20-June	Nucleophilic Substitution, Chp 17	320-327	P327 # 1, 2, 3
21-June	Alkenes from Alcohols (Chp 19: 1)	336-341	P340 # 2, 3
26-June	Checkout; Lab Exam		

There are no make-up labs, lowest lab score is dropped. A lab report is due the day following the experiment and must include the elements below. Late reports: 1 point deducted each day, after 3 days report not accepted.

- 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%

Grades:

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

Please note for all labs, students must wear gloves, and goggles at ALL times.

COUNSELING RESOURCES

As a college student, there may be times when personal stressors interfere with your academic performance or negatively impact your daily life. If you or someone you know at this college is experiencing mental health challenges, please contact the Counseling and Psychological Wellness Services at 516-876-3053. We're located at the Student Union, Lower Level, Suite 100, and are open Monday to Friday, 9am to 5pm.

The counseling center continues to operate and offer its services to students even at times of social distancing and remote learning. At such times, services will be offered by telehealth, either via video-chats and phone conversations. If you wish to set an appointment during campus closure, please contact us at counselingcenter@oldwestbury.edu.

The National Suicide Prevention Lifeline also offers help 24/7, and can be contacted at 1-800-273-8255.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES:

If you have a physical, psychological, medical or learning condition that may impact your course work, please contact Stacey DeFelice, Director, Office of Services for Students with Disabilities (OSSD), NAB 2065, Phone: [516-628-5666](tel:516-628-5666), Email: defelices@oldwestbury.edu. The office will help you determine if you qualify for accommodations and assist you with the process of accessing them. All support services are free and all contacts with the OSSD are strictly confidential. SUNY Old Westbury is committed to assuring that all students have equal access to learning activities and social activities on campus.

<https://www.oldwestbury.edu/academics/support/OSSD>

TITLE IX, SEXUAL DISCRIMINATION, HARASSMENT AND VIOLENCE

SUNY Old Westbury prohibits sexual discrimination, harassment and violence, and will promptly respond to all complaints. The purpose of Title IX is to prevent sex discrimination on campus, address reported assaults and incidents, limit the effects of harassment on the educational environment, and prevent its recurrence. If you or someone you know believes they have been subjected to sexual discrimination, harassment or violence, help is available. To report or for more information please visit <https://www.oldwestbury.edu/title-ix>, please contact the Title IX coordinator, Deputy Title IX coordinator or University Police at 516-876-3333. Confidential resources and support is also available from the counseling professionals in the Counseling & Psychological Wellness Services department, located in the Student Union Lower Level Room LL100 (off the Rotunda) at 516-876-3053.

- **William Kimmins (Faculty/Staff Reports)**
- Assistant to the President for Administration & Title IX Coordinator
- Campus Center I-211
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- **Claudia Marin Andrade (Student Reports)**
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