

Chemistry 253 Syllabus for Summer 2018

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Teaching Assistant:

Laboratory Coordinators:

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Prelab Discussion: ISC 1280, starting at 9:35 am

Laboratories: ISC Room 1040

Model kits are not required, but might help you for this course.

Laboratory Schedule

Dates	Experiment	
May 31	1/2	Esterification of Unknown Alcohols
June 4	1/2	Oxidation of Cyclohexanol to Cyclohexanone
June 5	8A	Isolation of Lactose
June 6	3A,B	Synthesis of Aspirin, Parts A & B
June 11	3C, 4A	Synthesis of Aspirin, Part C; Grignard, Part A
June 12	4B, 5	Grignard, Part B; Kinetic vs. Thermodynamic Control
June 13	6, 8B	Preparation of Benzoin; Isolation of Lactose, Part B
June 18	7	Friedel-Crafts Reaction
June 19	9	Base Catalyzed Condensation
June 20	10A	Electrophilic Substitution
June 21	10B, 11	Diels-Alder Reaction
June 25	Laboratory Final Exam (during your regular lab hours)	

Attendance and tardiness policies

Prelab discussion

All students must arrive on time for the prelab discussion to hear important safety information as well as general information on the lab and valuable tips on execution. The prelab discussion starts sharp on the scheduled time in ISC 1280 on the day of each lab. Unexcused late arrival at the prelab will result in a minimum 10 point deduction from the lab report grade. Missing the prelab discussion will result in a zero for the lab. Oversleeping is not a valid reason for tardiness!

Attendance: If the student is unable to attend lab **due to extenuating circumstances** it may be possible to make up the lab **later that same day**. Labs may not be made up after that for logistical reasons. In this event, please contact Dr. Lashley as soon as possible so that arrangements can be made for this. In case of unforeseen circumstances when there is no time to make arrangements please see Mrs. Hopkins in ISC 1037 (221-2543, jlhopkins@wm.edu) to see if we can accommodate you.

Missed experiments can't be made up, due to the fact that each day lab rooms are set up for a different experiment. In the event that one or more labs are missed, the policy listed below will be used in

grading the labs. Dr. Lashley may make changes in this process to account for individual circumstances related to the absence.

1. The first absence will result in the weight for the lab being added to the final exam.
2. The second absence will result in a zero for the second missed lab; the first missed lab weight will still be added to the final.
3. The third absence will result in a zero for all three missed labs. The final will return to its normal weighting.
4. The fourth absence will result in a failing grade in the course.

The **Lab Schedule** is also available in Blackboard (Organic Chemistry lab II (Summer 2018)). You will be notified of any changes to the schedule on Blackboard or via email.

The **Final Examination** (no midterm) will be based on the chemistry, techniques and calculations involved in the labs you carry out over the course of the semester. The exam will count for 40% of the final grade; the remaining 60% will be based on grades received on the lab reports.

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