

## Introduction to Polymer Science and Engineering

Fall, 2023

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Date	Homework/exam	Date	Homework/exam
8/26 (Mon)		10/18 (Fri)	Read pp.55-56
8/28 (Wed)		10/21 (Mon)	<b>No Class, Fall break</b> Read pp.57-58
8/30(Fri)	Read pp.5-9 <b>Term paper subject explanation</b>	10/23 (Wed)	<b>Term paper due</b> Read pp. 59-60
9/2(Mon)	<b>No Class: Labor Day</b> Read pp.10-14	10/25 (Fri)	Read pp. 61-62
9/4 (Wed)	<b>Term paper title due</b> Read pp.15-19	10/28 (Mon)	Read pp. 64-66
9/6 (Fri)	<b>Drop/Add ends</b> Read pp.20-22	10/30(Wed)	Read pp.67-68
9/9(Mon)	Read pp.23-24	11/1 (Fri)	Read pp.69-70
9/11 (Wed)	<b>Term paper outline and references due</b> Read pp.25-26	11/4 (Mon)	Read pp. 71-72
9/13 (Fri)	Read pp. 27-28	11/6 (Wed)	Read pp.73-74
9/16(Mon)	Read pp.29-30	11/8 (Fri)	<b>Deadline of class withdrawal</b> Read pp.75-77
9/18 (Wed)	Read pp.32-33	11/11 (Mon)	Read pp. 79-81
9/20 (Fri)	Read pp. 34-35	11/13 (Wed)	Read pp. 82-83
9/23(Mon)	Read pp.36-37	11/15 (Fri)	Read pp. 84-85
9/25 (Wed)	Read pp.38-39	11/18 (Mon)	Read pp. 86-87
9/27 (Fri)	Read pp.40-41	11/20 (Wed)	Read pp. 88-90
9/30 (Mon)	<b>Term paper rough draft due</b> Read pp.45-46	11/22 (Fri)	
10/2 (Wed)	Read pp.47-48	11/25 (Mon)	
10/4 (Fri)	Read pp. 49--50	11/27 (Wed)	
10/7 (Mon)	Read pp.51-52	11/29 (Fri)	<b>No Class: Thanksgiving</b>
10/9 (Wed)	Read pp. 53-54	12/2(Mon)	
10/11 (Fri)	<b>Review</b>	12/4 (Wed)	
10/14 (Mon)	<b>Midterm exam</b>	12/6 (Fri)	<b>Last day of class</b>
10/16 (Wed)	<b>Review of the exam</b>	12/17 (Tue)	<b>Final exam (9:00-11:00 AM: Note that the start time is 1 hour later than announced)</b>

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## 1. No make-up exams will be given

### 2. Textbook

I have been searching for an appropriate textbook for many years. I have collected the majority of textbooks available on the market and used several of them in the past. Many students thought none of them are appropriate for the class. I, therefore, wrote my own. Several years ago, I modified it to suit the needs of students. While my textbook follows the course schedule, they have limitation in details and the number of subjects covered. The textbook comprises about 40% while the classroom teaching the remaining 60% in terms of contents. The textbook content is sufficient just as the background to understand the classroom lecture, and not the substitute of the classroom contents.

Those of you who feel the need of supplemental materials, more in-depth reading materials, and/or broader coverage of polymer subjects that we cannot cover due to the limitation of time, the following book will give you additional background; however, you should be able to obtain 100 points in the exam without it. *"Mike Coleman and Paul Painter," Fundamentals of Polymer Science and Engineering." Technomic Publishing, Lancaster, Second Edition."*

### 3. Term paper

**The term paper assignment is an exam** (similar to take home exams). Therefore, as is the case for any other exams, my help on specific issues must be limited to assure the fairness to everyone; however, I would be happy to assist you for the general directions on topics and writing styles, and questions about technical issues. **You are required to go to the literature to learn what is the acceptable and respected review articles. Your ability to figure out what is appropriate through the literature search is part of the grading criteria.**

### 4. Office hours

I have an open-door policy. As long as I am not on the phone or with a prior appointment, I will be with you at the instance when you set your foot at the entrance. You do not need any appointment. In case you have difficulty in finding me, you can send an e-mail to make proper arrangement.

### 5. Grading policy

Grading will be done considering mid-term exam, term paper, cumulative quizzes, and homeworks. The grading contribution of each item is as follows: mid-term (25%), term paper (25%), final exam (25%), homeworks and cumulative quizzes (10%), and class attendants taken randomly (15%).

### 6. TA

Chloe Maciejewski  
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