

CHEM 2323 Course Objectives Organic Chemistry I

Chapter numbers reference the required text, Organic Chemistry, 7th edition, by John McMurry

Chapter 1 - Structure Determines Properties

Read Sections 1.1-1.5 on your own!! We will start with 1.6-1.12 in class.

Chapter 1 (1.1-1.12) Work Problems 1-17 while reading the chapter.

Suggested Problems (18, 21, 25, 26, 30, 33, 36, 44, 46, 48, and 56)

Chapter 2 – Polar Covalent Bonds

Recommended Reading (2.1 & 2.2 on own, 2.3-2.11 in lecture, 2.12 & 2.13 on own)

Recommended Problems (2.1-2.19 in chapter, 25, 27, 29, 32, 33, 34, 35, 36, 38, 42, 43, 54, 56, 58)

Chapter 3 - Hydrocarbon Frameworks: Alkanes

Recommended Reading (3.1 on own, 3.2-3.7 in lecture)

Recommended Problems (3.1-3.18 in chapter, 22, 24, 29, 31, 35, 37, 38, 42, 44, 46, 50, 52)

Chapter 4 - Cycloalkanes

Recommended Reading (4.1-4.9 in lecture)

Recommended Problems (4.1-4.20 in chapter, 21-50)