This second half of a one-year course (226-227) is a continuation of the first semester, Chem 226. PLEASE CONSIDER CAREFULLY: The instructional approach of these two Chem 227 sections incorporates many innovations in undergraduate teaching methods and materials, which depart from, but are built upon traditional textbook-lecture centered science courses. The organization and approach are likely quite different from other courses that you are experienced in and comfortable with. Topics and materials will not be treated linearly as simple page turning in relation to the course textbook. You will be challenged personally: to find and access a variety of information, to appraise its value, and to use it constructively to answer questions, to solve problems, and to build knowledge. You will have various assets and tools available that go well beyond the textbook and lecture notes. You will need to decide how to use them effectively, and to develop your own personal learning plan accordingly. Not all knowledge in organic chemistry will be provided to you to repeat back accurately for a grade as you are accustomed to in most courses. Your plan will most likely be different than anyone else's. Without a plan that you can use productively and adjust as the course progresses, you will likely not meet your personal objectives. This metacognitive approach to teaching-learning will translate to any of your other courses and more importantly empower you to effectively address any topic in any discipline at anytime in your careers.

Chem 227's Chemwiki is a work in progress. It is an open source project aimed at involving you in the development and use of relevant course materials that are not limited to traditional textbooks. You are encouraged to contribute to the Chemwiki. The topics, which will be considered, are listed below, and are scheduled in the course calendar, which should be referred to frequently. The active links in the following general topics outline are from Chemwiki's Organic Chemistry Wikitext or from Professor Emeritus William Reusch's Virtual Textbook of Organic Chemistry.