Workshops & Exercises have been adapted from a large, robust body of work, which serve as learning/discussion tools in an NSF funded project, Peer Lead Team Learning (PLTL). The principals of PLTL are: David K. Gosser, Mark S. Cracolice, J.A. Kampmeier, Vicki Roth, Victor S. Strozak, and Pratibha Varma-Nelson. The PLTL project was supported by National Science Foundation grants: NSF/DUE 9450627 and NSF/DUE 9455920.

General Chemistry
- Molarity: Worksheet 1
- Molecules and Moles: Worksheet
- Workshop: Introduction to Acids and Bases
  - Acids and Bases: Worksheet 1
  - Acids and Bases: Worksheet 2
  - Acids and Bases: Worksheet 3
- Workshop: Buffers and Titration Curves
  - Buffers and Titrations: Worksheet 1
- Workshop: Building Atoms with Quantum Leaps
  - Building Atoms with Quantum Leaps: Worksheet 1
- Workshop: Chemical Bonding
  - Electron-Dot Formulas: Tutorial

Organic Chemistry
- Acids (Electrophiles) and Bases (Nucleophiles)
- Aldehydes and Ketones: Synthesis and Nucleophilic Additions
- Organic Molecules (III): Worksheet
- Ammonia
  - Rules
- Workshop: Formulas & Masses
- Workshop: Gas Laws and Applications
  - Gases: Worksheet 1
  - Gases: Worksheet 2
- Workshop: Ions in Solution
  - Ions in Solution: Worksheet 1
  - Ions in Solution: Worksheet 2
- Workshop: Mathematics and Measurements
  - Mathematics & Measurement: Worksheet 1
- Nomenclature: Worksheet 1
- Workshop: Oxidation–Reduction Reactions
  - Oxidation–Reduction Reactions: Worksheet 1
- Workshop: The Structure of Molecules
  - The Structure of Molecules: Worksheet 1
- Workshop: Unit Conversion & Dimensional Analysis
  - Dimensional Analysis: Worksheet 1