

**Module 7**  
**INTERMOLECULAR FORCES**  
**Aktiv Chemistry and Textbook**

Complete study materials for module 7. Then complete the assignment below. The left-hand column provides the objectives on which you will be tested on the exam. The last column lists the Aktiv Chemistry problems related to those objectives. You will find the Aktiv Chemistry problems at: <https://aktiv.com/chemistry/>. If you are struggling to do the Aktiv Chemistry practice problems, read the sections recommended in your textbook in the middle column. You will find the textbook in the content tab in your D2L site.

<b>Objectives</b> <b>Be able to:</b>	<b>Supporting sections in textbook</b>	<b>Aktiv Chemistry (Old name: Chem 101) practice problems.</b>
Identify forces between molecules (London dispersion, dipole-dipole, hydrogen bonds)	7.1.1 (end) & 7.1.2	Module 7 – Identifying Intermolecular Forces
Rank the strength of intermolecular forces between molecules using molecular structure analysis.		
Relate intermolecular forces to state of molecules at room temperature (solid, liquid and gas).	7.1.1 (end) & 7.1.2	Module 7 – Intermolecular Forces and Properties
Relate the intermolecular forces to physical changes of state. (Boiling point, melting point vapor pressure etc.)		