

TENTATIVE TOPIC LIST
CH 201 Organic Laboratory Practicum

At the end of the term, you will be asked to demonstrate proficiency on the following topics.

1. melting point – determination and identification of unknown(s)
2. recrystallization – solvent selection
3. proper identification of microscale equipment
4. spectral data – interpretation and identification of IR spectra
5. TLC - determination and identification of unknown(s)
6. extraction – development and description of an extraction sequence for a mixture of compounds given their structures and a list of solvents and reagents
7. calculations – limiting reactant, percent recovery, theoretical yield