

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 ALL microscale equipment
4. proper assembly of select equipment
5. spectral data – perform and interpret an IR analysis
6. gas chromatography-perform and interpret a GC analysis
7. TLC - determination and identification of unknown and calculation of R_f
8. extraction – development and description of an extraction sequence for a mixture of compounds given their structures and a list of solvents and reagents
9. calculations – limiting reactant, percent recovery, theoretical yield
10. must have 2 clean IR plates