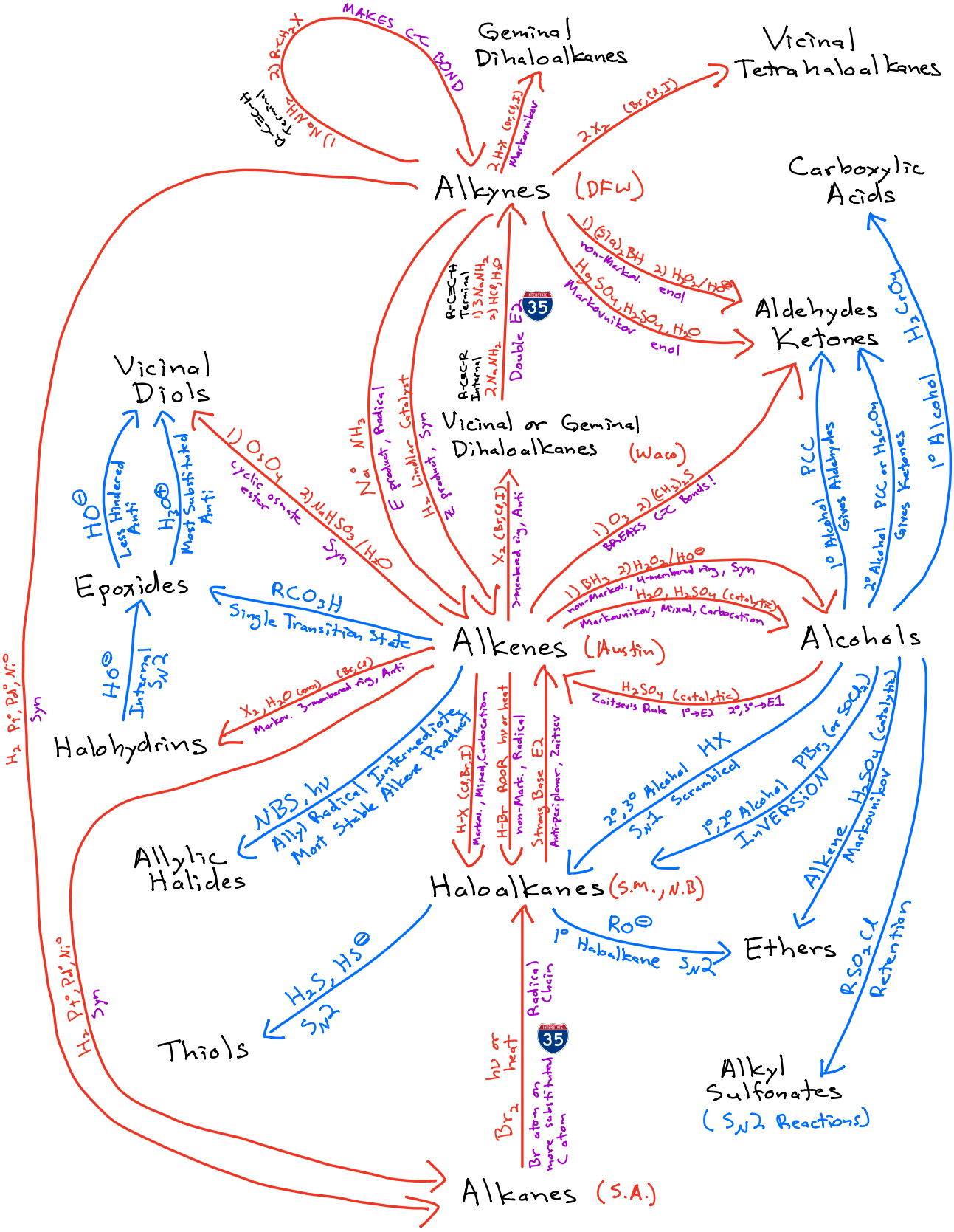
Geminal Dihaloalkanes
Vicinal Tetrahaloalkanes
Carboxylic Acids
Alkynes (DFW)
Aldehydes Ketones
Vicinal Diols
Vicinal or Geminal Dihaloalkanes (Waco)
Epoxides
Alkenes (Austin)
Alcohols
Halohydrins
Allylic Halides
Haloalkanes (S.M., N.B)
Ethers
Thiols
Alkyl Sulfonates (SN2 Reactions)
Alkanes (S.A.)
MAKES C-C BOND
Markovnikov
Double E2
Markovnikov
Markovnikov, Mixed, Carbocation
Zaitsev's Rule
Strong Base E2
Anti-Periplanar, Zaitsev
Markovnikov
Markovnikov
Markovnikov
Inversion
Retention
Radical Chain
Br atom on more substituted C atom
Syn
Anti
Less Hindered
Most Substituted
Single Transition State
Internal SN2
Allyl Radical Intermediate
Most Stable Alkene Product
SN2
SN2
SN2
Scrambled
Inversion
Retention
Syn
Syn
Anti
Anti
Cyclic ester ofmet
Linear, Syn
E product, Radical
Z product, Anti
3-membered ring, Anti
4-membered ring, Syn
non-Markov.
non-Mark., Radical
Markovnikov, Mixed, Carbocation
Markov. 3-membered ring, Anti
BREAKS C-C Bonds!
1° Alcohol Gives Aldehydes
2° Alcohol Gives Ketones
enol
enol
Terminal
Internal
Terminal
Internal
35
35