

## CHEM 360 Handouts

### Categories of Ligand

#### Ions

$F^-$	fluoro	$O^{2-}$	oxo
$Cl^-$	chloro	$N^{3-}$	nitrido
$Br^-$	bromo	$H^-$	hydrido
$I^-$	iodo	$S^{2-}$	sulfido (sulphido)

#### Groups

$OH^-$	hydroxo
$H_2O$	aquo
$NH_3$	ammino
$NH_2$	amido

#### Ionic groups

$[CO_3]^{2-}$	carbonato	$[NO_3]^-$	nitrato
$[SO_4]^{2-}$	sulphato	$[NO_2]^-$	nitro
$[SO_3]^{2-}$	sulphito	$[PO_4]^{3-}$	phosphato