

Week	Monday	Wednesday
1	07-Sep Labor day	09-Sep Atomic structure and periodicity
2	14-Sep The transition metals (electronegativities)	16-Sep The transition metals II (electron counting)
3	21-Sep Sigma bonding in transition metals (Quiz)	23-Sep Pi bonding in transition metals
4	28-Sep MO correlation diagrams	30-Sep Sigma bound ligands and β -elimination
5	05-Oct Metal hydrides, sigma complexes and agostic interactions (Quiz)	07-Oct Sigma donor, pi acceptor ligands (metal carbonyls and phosphines)
6	12-Oct Columbus Day	14-Oct Exam 1 (start to think about presentation topic)
7	19-Oct Fischer carbene complexes	21-Oct Schrock carbenes, Fischer ans Schrock carbynes
8	26-Oct NHC Carbenes and metathesis (Quiz)	28-Oct Metal alkenes/alkynes
9	02-Nov Metal allyls/dienes & metallocenes	04-Nov Literature discussion
10	09-Nov Reductive elimination (Quiz)	11-Nov Veterans Day
11	16-Nov Oxidative addition (have presentation topic finalized)	18-Nov Exam 2
12	23-Nov Insertion and elimination reactions	25-Nov Electrophilic/Nucleophilic addition and abstraction
13	30-Nov Organometallic catalysis I	02-Dec Organometallic catalysis II (Quiz)
14	07-Dec Student presentation	09-Dec Student presentation
15	14-Dec Final revision	15/16-Dec Final Exam