ASSIGNMENT 1:

First Draft due – 22 September at 2400 in emailbox of Prof. R. Engel

Final writing due – 10 October at 2400 in emailbox of Prof. R. Engel

Student last name beginning A-G - - Locate and present in written form a laboratory synthetic procedure for \(N\)-phenylacetamide from readily available starting materials.

Student last name beginning H-M - - Locate and present in written form a laboratory synthetic procedure for 2-phenyl-2-propanol from readily available starting materials.

Student last name beginning N-S - - Locate and present in written form a laboratory synthetic procedure for 4-deuteriotoluene from readily available starting materials.

Student last name beginning T-Z - - Locate and present in written form a laboratory synthetic procedure for cyclohexanol.

NOTE: All literature references used must be cited completely using the format for citation as is found in the manuscript for literature reference provided to you. All references must have a written form - - i.e. Internet references that do not have a written form are unacceptable. Moreover, all textbooks are unacceptable as references.

ASSIGNMENT 2:

First Draft Due 17 November at 2400 in emailbox of Prof. R. Engel

Final Draft due 1 December at 2400 in emailbox of Prof. R. Engel
Student last name beginning A-G - Locate and present in written form a discussion of a reaction involving a “non-classical” carbonium ion (carbocation).

Student last name H-M - Locate and present in written form a laboratory synthetic procedure for n-hectane.

Student last name N-S - Locate and present in written form a discussion of the addition of bromine across an alkene linkage.

Student last name T-Z - Locate and present in written form a discussion of the regiochemistry of borane addition across an alkene linkage.

NOTE: All literature references used must be cited completely using the format for citation as is found in the manuscript for literature reference provided to you. All references must have a written form - i.e. Internet references that do not have a written form are unacceptable. Moreover, all textbooks are unacceptable as references.