

ORGANIC CHEMISTRY : SYLLABUS OUTLINE

INTRODUCTION

- Terms and Formulae
- Nomenclature
- Isomerism
- Functional Groups

ALKANES \rightarrow C-C

ALKENES \rightarrow C=C + Addition Polymers

ALKYL HALIDES \rightarrow R-X (where R = alkyl group, X = halide)

..... \rightarrow AS Term 1 cutoff

ALCOHOLS \rightarrow R-OH

ALDEHYDES + KETONES

CARBOXYLIC ACID

INFRA-RED SPECTROSCOPY (Analytical Chemistry)

After organic chemistry

INORGANIC CHEMISTRY

- Period 3
- Group 2
- Group 17
- Nitrogen and Sulfur

PHYSICAL CHEMISTRY

- Energetics
- Equilibria + Reversible Reactions
- Rates