

Delivery Plan (Weekly Syllabus)

المنهاج الاسبوعي النظري لمادة : الكيمياء العامة

	Material Covered
Week 1	Learning Bonding and molecular structure
	Nomenclature of alkanes
	Preparation and reaction for alkanes
	Hybridization for alkenes,
Week 2	Nomenclature of alkenes
	Preparation and reaction for alkenes
Week 3	Dienes (nomenclature).
Week 4	Preparation and reaction for dienes.
	Nomenclature of alkynes
Week 5	Acidity and basic for acetylene and water and ammonia
	Problems and review
Week 6	Alkyl Halides homolytic and heterolytic chemistry
	Structure , classification , nomenclature , physical properties
Week 7	Reactions of alkyl halides
	Nucleophilic substitution, The SN1 and SN2 reaction , mechanism
Week 8	Elimination (E1+ E2) and Exam1
Week 9	Alcohols , structure of Introduction alcohols , physical properties
Week 10	Preparation and reaction of alcohols, oxidation of alcohols
Week 11	Ethers , structure and nomenclature , physical properties of ethers
Week 12	Aromaticity , benzene structure , Reactions
Week 13	The huckel Rule and effect of substituent groups