## CHEM106 PS-4 Due at the beginning of class

1.	Draw the Lewis structures for all reactants and products and show the mechanism of action for the condensation reaction between:	
	a.	Methanol and propanoic acid.
	b.	The formation of a phospholipid from glycerol, serine, dihydrogen phosphate ion, and two 18 carbon saturated fatty acids.
	c.	The formation of a dipeptide from glycine and threonine
2.		the Lewis structures for all reactants and products and show the mechanism of action for the insation reaction between the dihydrogen diphosphate ion and the dihydrogen phosphate ion.
3.		the Lewis structures for all reactants and products and show the mechanism of action for the insation reactions to make nylon 6, 6.