CHEM4401 Final Exam supplementary study list
(final will be comprehensive)

CH	Topic
11	Membrane functions, features and components
11	Fluid Mosaic Model of membrane structure
11	Cellular Regulation of membrane lipid composition
11	Integral membrane proteins: features & functions
11	Peripheral membrane proteins: features & functions
11	Membrane-mediated transport: endo- & exocytosis
11	Solute movement across membranes:free energy barriers & differences
11	Solute movement across membranes:simple diffusion
11	Solute movement across membranes:passive transport (facilitated diffusion)
11	Passive Tranport kinetics: comparison to enzyme-catalyzed reactions
11	Classes of transport: uniport, symport and antiport
11	Solute movement across membranes:Primary (1o) active transport
11	Solute movement across membranes:Seconary (2o) active transport
11	Primary Active transporters: ATPases (special attn to Na/K transporter)
11	Role of conc/electrical gradients in 2o active transport
11	Ion channels: comparison to transporters
12	Examples of signalling molecules
12	Receptor features and functions
12	Signal transmission mechanisms: ligand & voltage-gated ion channels
12	Signal transmission mechanisms: Receptor enzymes
12	Signal transmission mechanisms: G protein-coupled receptors
12	Signal transmission mechanisms: Steroid hormone receptors
12	Second messengers: examples & functions