What you should know for midterm I (minimum): - definition of continuous time MC, Markov property, transition probabilities, generator - representations of MC: infinitesima (generator). jump-and-hold, transition probabilities, rate diagram and relations between them (in particular Q and P(t)) - computing absorption probabilities and mean time to absorption - computing stationary distributions for finite and infinite state MCs and interpretation of (Ti:):=0 - basic properties of birth and death processes