

# Errata for Lecture 1: Classical Planning: Goal

Original definition here with  
positive ground literals applies to  
STRIPS only

- Goal State:

- Goal is a partially specified state, represented as a conjunction of ~~positive ground~~ literals
- A state  $s$  satisfies a goal  $g$  if  $s$  contains all the literals in  $g$
- Examples:
  - $Hungry \wedge Sleepy \wedge Bored$  satisfies the goal  $Hungry \wedge Bored$
  - $At(Cargo_1, SFO)$  satisfies the goal  $At(c, SFO)$  with substitution  $\{c/Cargo_1\}$  where  $c$  is a variable for any cargo

Follow general definition of Goal in PDDL on page 21