* Class Beam
  + Name
  + Span
  + Material
* Class SteelBeam extends Beam
  + Steel Profile (SteelyPy object)
* Class CompositeSteelBeam extends Beam
* Class Material
  + Name
  + Poisson\_ratio, ν
  + Unit\_weight, ρ
* Class Concrete extends Material
  + Compressive\_strength, f’c defaults to 4 ksi.
  + Func modulus of elasticity, Ec
    - Calculated per ACI
  + Longitudinal reinf yield, Fy defaults to 60 ksi
  + Transverse reinf yield, Fyt defaults to 60 ksi
* Class Steel extends Material
  + Modulus of Elasticity, Es defaults to 29000 ksi
  + Yield\_stress, Fy
  + min\_tensile\_strength, Fu