

MAAE 2700: Exam Review Points

- Density
 - Aluminum - 2700 kg/m^3
 - Steel - 7800 kg/m^3
- Tempers
 - Aluminum (-F, -H, -O, -T3, -T6)
 - Steel (annealed, quenched,)
- Number systems
 - Aluminum (1000 - pure, 2000 - copper present, 6000 - Mg and Si, 7000 - Zn, xxxx - wrought, xxx.x - cast (no 6 series))
 - Steel (1xxx - carbon, 2xxx - nickel, 4xxx - molybdenum, XXX series - stainless steels)
- Strengthening mechanisms
 - Cold work
 - Precipitation hardening
 - Solid solution
 - Grain size reduction