

## SE104 Homework 1

1. Read Chapt. 2. Define metallic material. Give five examples of metallic materials.
2. What are the main families of engineering materials? Pick two of them and briefly describe their major characteristics.
3. Find the material that has an intermediate density ( $\sim 2 \text{ Mg/m}^3$ ) and the highest stiffness (i.e. the highest modulus).