

Material Selection Tutorial

- Selecting an appropriate material is a critical part of almost all engineering designs
- There are many factors to consider
 - Strength, stiffness, durability, corrosion, cost, formability, etc
- Methods
 - Experience: how do you get it? limiting
 - Ashby selection charts
(<http://www-materials.eng.cam.ac.uk/mpsite/DT.html>)
 - Quantitative ranking of options (described here)