Read the summary handout of Boothroyd and Dewhurst’s DFA approach.

**DFA Discussion Questions:**
1. What are the direct and indirect benefits of reducing part count and part types?

2. What are some ways to design parts so that they are self-aligning and self-locating?

3. What are some examples of parts that have been designed so that they cannot be installed incorrectly?

4. When determining the theoretical minimum number of parts for assembly, when might parts have to be of a different material or isolated from other parts in the assembly?

5. How can one redesign a product to improve its assemblability using B&D’s approach?