

Donald P. Shiley School of Engineering
University of Portland
ME 403/503 – Engineering Design, Product Realization
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There is a lot of information posted on the course web page for DFM/DFA (design for manufacturing/design for assembly). Take notes as you go.

- 1) Read through the DFM/DFA notes on the course web page:
[Design for Manufacturing and Assembly, Notes](#)
- 2) Read through the overheads posted on the course web page:

Injection molding overheads
Forging and foundry
Sheet metal and Machining
Machining
Assembly
Miscellaneous

- 3) Select several of the videos posted on the link: [Youtube videos for manufacturing processes](#). PROVIDE brief descriptions of each video and comment on its educational value (including the URL) so that the instructor can make note of “effective” and “not so effective” links for future reference. If any of the links are dead, please let instructor know that as well. How many is “several” ---- it’s your education, you decide.
- 4) There are now several miscellaneous items in SH102 that demonstrate DFA. Play with them – see what good/bad DFA may look like.