Centralizing Information in Engineering Design Documents
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Abstract

Two major challenges in teaching a general design course to first year engineers are:

- the multiplicity of discipline-specific design methodologies and the distinctiveness of their associated documents;
- the fact that unique engineering documents are generally discussed in discipline specific Engineering Design texts rather than Technical Writing text books which deal in depth with the other aspects of communication of concern to engineering students.

In order to address these challenges, it would be helpful to collate methodologies and documents from across engineering disciplines and to analyse them for commonalities while maintaining the sense of their individuality.