

ABET Criterion 4 requires that engineering curricula culminate in a major design experience that incorporates “engineering standards and constraints that include most of the following considerations: economic; environmental; sustainability; manufacturability; ethical; health and safety; social; and political.” That is, Criterion 4 calls for an educational experience that draws together virtually everything students have learned, ranging from their technical engineering knowledge to their understanding of social and political issues. The other presentations in this session describe specific examples of how Criterion 4 is being met through a broadly multidisciplinary approach. This presentation reflects on these examples and draws general guidelines from them.