

**MET 352 Engineering Design**  
**Department of Materials and Metallurgical Engineering**  
**South Dakota School of Mines and Technology**

**Assignment 7: Trade Studies and Decision Making**

Submit digitally before 11:00 pm Tuesday 3-18-21

Submit trade study for your design with at least three alternatives. Arrive at a decision as to which is the best alternative and discuss the relative merits of each. In addition to the tables required in the trade study, there should be a concise but complete explanation for the choices made and conclusions reached.