

# **Project 1**

**Due 10 September 2021**

- 20 Points - Force Conversion (did you correctly relate the input force into loads for the rest of the problem)
- 40 Points - Statics (Did you do a free body diagram, is it correct, and did you adequately show all the statics work needed to solve the problem)
- 15 Points - Screw Diameter (Did you correctly apply the principles in this problem to find an appropriate screw diameter)
- 15 Points - Connector Pin (Did you correctly apply the principles in this problem to find an appropriate pin diameter)
- 10 Points - Overall Presentation (Is your work presentable, easy to follow, and free from obvious grammatical errors)