

## Grading Criteria for Final Bridge Project

Prepare a report documenting the design, construction, and performance of your team's bridge. Each member must submit an individually prepared report. Although some content may be similar across each report, each member is required to submit an originally prepared document. Exact text between documents will be considered plagiarism.

The instructor will judge a percent **completion of the bridge**, between 0% and 100%, at the start of the testing period. This will count for **50 points** on the bridge report.

The instructor will judge the **cleanliness of the room** at the completion of the bridge testing period. Each member of the class will receive **5 points** \* instructor's percentage and each member of the class present at the end of the bridge testing period will receive 5 bonus points on the report \* instructor's percentage.

Header (**5 points**): Your name

The names of your group members

Your group's name

Your bridge's name

Picture of the completed bridge

Describe your bridge's design and performance performance (**20 points**). What elements did you use in the design? How did these functions? Where were they weakest? How did you compensate for this weakness?

In your report, indicate your contribution to the design process (**10 points**). Did you contribute ideas? Did you evaluate ideas? Did you contribute to detailed design? Did you make drawings? Did you take pictures? Did you research bridge designs?

In your report, indicate your contribution to build (**10 points**). Did you drill, assemble, fabricate, fold, spindle, mutilate? Did you spend time outside of the class time to assist your team? How much? Are there other contributions that you made during the build, such as provide comic relief or bring refreshments?

Bonus: You made a ramp: 5 points.