ABOUT THE TEAM

» Charged with designing and constructing a steel bridge.
» Competes in a regional competition each year.
» Follows guidelines set by the American Institute of Steel Construction (AISC) and the American Society of Civil Engineers (ASCE).

ABOUT THE MEMBERS

» Historically, some 20 dedicated members, mainly sophomores and juniors.
» Mainly civil engineering, mechanical engineering and engineering & management students.

TIMELINE

FALL DESIGN

» Read rule book and prioritize design in order to reduce the cost of the bridge.
» Model bridge designs in Autodesk Inventor and AutoCAD and digitally test to determine optimal design.

SPRING BUILD

» Clean, sand, cut, mill, drill and weld every bridge component in the lab.
» Perform full-load and lateral tests on the completed bridge and make adjustments as necessary.

SPRING COMPETE

» Present Mead Paper, Bridge Design Presentation and Bridge Display.
» Construct bridge as quickly as possible. Load bridge laterally and vertically and compare time, weight and deflection to competition.