

**PRE-REGISTRATION FORM FOR THE 2017 ASCE
ENGINEERS WEEK BRIDGE CONTEST**

Dear Team Contact Person:

Please help ASCE plan for the contest by returning this completed form and the \$10.00 team entry fee to the address below before Wednesday, February 1, 2017. You must be preregistered to drop off entries on Saturday, February 18, 2017, and have bridge loaded at the Peoria Riverfront Museum on Sunday, February 19, 2017. Entry fees are non-refundable. Make sure back page is included with your registration form.

TEAM CONTACT'S NAME:

TIME YOU CAN BEST BE REACHED DURING THE DAY:

SCHOOL NAME:

SCHOOL / HOME ADDRESS:
(circle one)

SCHOOL / HOME PHONE:
(circle one)

TEAM MEMBERS: (FOUR MAX.)
(please print clearly)

	NAME	SCHOOL
1.		
2.		
3.		
4.		

PLEASE RETURN TO: Maurer-Stutz, Inc.
3116 N. Dries Lane, Suite 100
Peoria, IL 61604

PLEASE MAKE CHECKS PAYABLE TO: Illinois Valley Branch ASCE

(COPY AS REQUIRED – BE SURE TO INCLUDE BACK PAGE)

BRIDGE # _____

PRE-JUDGING

- A. Team 10 pts
 - 1. 2.5 points/member, maximum of four (4) members

- B. Construction 25 pts
 - 1. Conformance with bridge dimension requirements (length, width, and height)
 - a. Length: 24” minimum – 27” maximum
 - b. Width: 3” minimum – 4.5” maximum
 - c. Height (or Depth): 8” maximum
 - 2. Compliance with member formation requirements
 - 3. Passageway – clearly marked pathway with pen or marker
 - 4. Loading bar – bridge has 1” by 0.5” opening at midspan
 - 5. Efficient use of members to achieve structural strength

- C. Aesthetics/Design 15 pts
 - 1. Pleasing lines and continuity of structure
 - 2. Drivability of the bridge
 - 3. Uniformity, ingenuity, and originality

- D. Report 20 pts
 - 1. A brief written report on the planning, cost, materials, sketches, resources on bridges, etc.
There is a two page maximum, with sketches and the cover sheet not included.

	Judge No. 1	Judge No. 2	Judge No. 3	Average Points
Team	----- -	----- -	----- -	
Construction				
Aesthetics/Design				
Report				

Comments:

BRIDGE LOADING

- A. Performance 30 pts
 - 1. Escalating scale based on load to weight ratio

Weight of Bridge	Load Carried	Load/Weight Ratio	Performance Points

TOTAL POINTS

TOTAL (100 POSSIBLE)	
PLACE	