

The American Society of Civil Engineers (ASCE) Student Chapter at
Indiana University–Purdue University Fort Wayne (IPFW)
Invites You to Participate in

The 2011 West Point Bridge Design Contest
Local and National Competitions

<http://bridgecontest.usma.edu>

Who: Middle School and High School students interested in a **virtual engineering competition**.

Goal: Provide middle school and high school students with a realistic, engaging introduction to engineering.

Benefits:

- An opportunity to compete locally and nationally at the same time.
- A chance to win local and national prizes.
- Learn, enjoy, and have fun!

How to Enter Contests:

- 1) Students may compete individually or in teams of two. (Competing in teams of two is strongly encouraged.)
- 2) Download **free West Point Bridge Designer 2011 software** from the contest website at <http://bridgecontest.usma.edu/download.htm>
- 3) **Registration at:** <http://bridgecontest.usma.edu/login.htm>
 - a. Each team will create a team user name and password and will be assigned a Team Home Page..
 - b. Teams must enter their local contest code. **The local ASCE IPFW code is FWIC.**
 - c. Teams will be registered and receive confirmation for both the national contest and the local contest.
- 4) Design, test, and upload as many bridge designs as you want at the contest Web site for automated judging.
- 5) A full set of rules can be found at <http://bridgecontest.usma.edu/rules.htm>

Contacts for questions:

Contact IPFW ASCE Student Chapter asce.ipfw@gmail.com. In addition, you may contact Dr. Suleiman Ashur, Associate Professor of Civil Engineering and the Chapter Advisor at 260-481-6080 or e-mail at ashur@enr.ipfw.edu.

Prizes: Each team member of the six national finalists will win a notebook computer.

Team Rank	Local	National
First Place	\$150 per team	\$10,000 scholarship for each member
Second Place	\$100 per team	\$5,000 scholarship for each member
Third Place	\$50 per team	Notebook computer for each member

National West Point Bridge Contest Schedule: Registration begins January 10, 2011.

- *The Qualifying Round:* January 12 at 1:00 p.m. through February 25 ending at 1:00 p.m. *At the end of the Qualifying Round, the top 40 eligible teams will be invited to compete in the Semi-Final Round.*
- *The Semi-Final Round:* March 25 at 1:00 p.m. to 4:00 p.m. EST Participant s must be available at the designated time. *At the conclusion of the Semi-Final Round, the top 6 eligible teams will advance to the Final Round.*
- *The Final Round:* **April 28, 2011, at West Point, New York.** To compete, the participant must be able to travel to West Point and compete at the designated time. **The contest will cover all reasonable costs associated with travel and lodging for team members and for one parent or guardian per team.**

2011 IPFW ASCE Student Chapter Local Competition will run through February 25 at 1:00 PM, (during the Qualifying Round only). The top 5 teams will advance to the Local Contest Final Round and may continue in the national competition if selected during Semi-Finals.

IPFW Final Local Round: March 19, 2011 (timeTBA) at the IPFW College of Engineering, Technology, and Computer Science, Fort Wayne. During the Final Local Round, each team will be provided with a new design project and required to develop and submit a bridge design that meets the new specifications within a two-hour contest period. The top team at the conclusion of the Final Round will be declared the winner of the contest. (The local contest **will not cover** any costs associated with travel and lodging for the team members and their parents or guardians.)