



## Construction Science Concrete Beam Build Competition

The beam is a simple, yet commonly used structural member that is used in bridges, skyscrapers and in all buildings. Now you can build one....  
**AND WIN A SCHOLARSHIP!!!!**

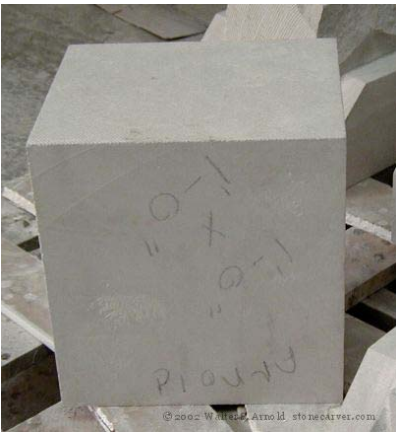
### Competition Rules

1. Must have a team of three people, including members of both sexes.
2. All Members must participate in the process.
3. To obtain the scholarship, the students must enroll in KSU College of Engineering

### Criteria

1. Teams are to build a Reinforced Concrete beam of a 6" X 6" x 24" dimension
2. Teams are to follow the Project Guideline that describes the project in detail
3. Teams will keep a journal/Information book during the entire project, recording how they built the beam, what tools they used, how long it took, etc.
4. Teams will give an oral presentation over their Project

### Build This Today....



### Criteria Grading

<u>Criteria Grading</u>	<u>Point Value</u>
1. Beam Dimension and Integrity	35
2. Construction of Plywood Form	20
3. Written Journal of Project	35
4. Oral Presentation	10
Total Points	100

### Build This Tomorrow!!

