Congratulations to the TCC Engineering Club in CANstruction 2011
The club worked to “Take a Slice out of Hunger”

CANstruction is held in over 100 cities. Engineering and architecture firms (along with student groups) compete to build huge structures out of canned food items. After being on display for a week or so, the structures are dismantled and the food is given to local food banks.
CANstruction was held on November 9-10, 2011

Each group had from 6pm until midnight to build their structure on Nov 9.

TCC Engineering students Jimmy Dagres (left) and Micah Rodby work on the top part of the cake.
Features of the TCC Engineering Club’s huge cake:

• A computer model of the cake was created using Autodesk Inventor
• Cardboard templates were cut to go between each layer of cans with computer printouts of the location for each can.
• A microprocessor flashed bright LEDs under the honey at the top of each candle.
Additional Features of the TCC Engineering Club’s huge cake:

- Built using 12,081 cans and weighs 5 tons
- Features 15 candles representing 15 years of CANstruction in Hampton Roads
- Has the dates 1996 – 2011 around the bottom layer (see CAD drawing below)
- Features the CANstruction logo and the Food Bank logo on the top layers

Computer drawing to help students form the dates and logos on the cake
The TCC Engineering Club won two awards:

- **Most Cans** (12,081)
- **Best Meal**

**What food was used to earn the award for Best Meal?**

- Assorted Richfood vegetables and fruit (6905 cans)
- Heinz Vegetarian Beans (1459 cans)
- Margaret Holmes Yellow Squash with Onions (209 cans)
- Pet Evaporated Milk (682 cans)
- Hershey’s Baking Cocoa (50)
- Double Q Pink Salmon (478 cans)
- Hormel Kids Spaghetti Rings and Franks (478)
- Libby’s Vienna Sausage (1014 cans)
- Gunter’s Pure Clover Honey (17)
- Richfood Yellow Mustard (17)
- Beach Cliff Fish Steaks in Soybean Oil (338 cans)
- Amy’s Organic Split Pea Soup (291 cans)
- Underwood Deviled Ham (60 cans)
- Sell’s Liver Pate (83 cans)
Awards Ceremony – Some TCC team members after receiving their awards.

About 20 TCC Engineering students worked a huge number of hours to make CANstruction a success. Students hauled 5 tons of food several times, built the structure on campus, cut and painted templates, produced CAD drawings, and more. The food items were received a mere 4 days before the competition, so students were scrambling to get everything done on time!
Sponsored by Farm Fresh
The TCC Engineering Club has competed in CANstruction for 14 years and has been sponsored by Farm Fresh for the last 13 years. We would like to express our gratitude for their generosity in contributing all of the food in our display and for partnering with us to fight hunger in our community.
Come and see the displays!
The CANstructures will be on display in the Selden Arcade (home of the d’Art Center) in downtown Norfolk until Monday, Nov 21. 9 teams competed including 6 engineering/architecture firms and students teams from TCC, ODU, and Hampton University. The 9 structures are pictured below.

TCC Engineering Club
“Take a Slice out of Hunger”
Award: Most Cans
Award: Best Meal

Clark Nexsen
“1 World Trade Center (Freedom Tower)
In the land of the free no one should go hungry”
Award: Structural Ingenuity

PF&A Design, Architecture, Planning, Interiors
“Starv Wars, Episode Ate, A NEW HOPE”
Award: Honorable Mention
Hanbury Evans Wright Vlattas + Co
“15 Years of Knocking Down Hunger”
(“Angry Birds” theme)
Award: Jurors Favorite

AECOM
“CupCANniversary”
Award: Best Use of Labels

Old Dominion University
American Society of Mechanical Engineers (ASME)
Society of Women Engineers (SWE)
Tau Beta Pi
“ODU’s Big Blue: Tackling Hunger”
Moseley Architects
“AmericAN Flag”

Applied Management Engineering, Inc.
“Shine the Light on Hunger”

Hampton University
“Pretty Please ... with a Cherry On Top”