



Instructions

Welcome to IVCC Engineering Technology!



Engineering Technology (ET) is a career field which focuses on the applications of engineering and modern technology.

Today, you will experience what it might be like to be an engineering designer. Engineering designers help design buildings, machines, robots, bridges, cars, trains, musical instruments, parts, programs, controls, almost anything you can think of, down to the tiniest nuts and bolts. You will be working on a team since that is the way engineering designers work.

Your team's challenge is to utilize the food items you are assigned and to create something, some sort of a structure, from them. As a team:

1. Look at the food items you have and discuss possible structures.
2. Decide what type of structure to build and make a sketch of it using the sketch paper in your packet.
3. Organize your materials (food items) and build the structure.
4. If your team decides to modify your design while you are building it, revise your sketch before you modify or finish the structure. Build from your design. Ask for additional sketch paper if you need it.
5. When your structure is complete, notify an instructor

Rules:

- You may barter and/or exchange materials (food items) with other teams.
- You may NOT just take materials from another team.
- You may use a limited amount of some other materials in building your structure, including the flats or boxes your food items came in, and tape or paper made available to you.
- You do not need to use all of the food items you have been assigned in building your structure.

IVCC Engineering Technology students, including members of the IVCC Leadership Team, will help you with ideas for your design and structure.

The food items you are using today will be donated to a food pantry.