



## Engineering and Science Association

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### Cardboard Canoe Competition 2009

Fall Quarter

University Seminar Classes

**Date of Event:** Thursday, October 23, 2009

**Time of Event:** 5:00 p.m.

**Place of Event:** Louisiana Tech Natatorium

Upon arrival, each class should gather in a group on the lawn between the natatorium and the art building. Once all classes are separated from one another, ESA designees will distribute the supplies, which will be comprised of:

- One (1) 4 ft. by 8 ft. sheet (minimum) of one-layer cardboard, non-laminated/non-coated
- One regular-sized roll of duct tape (1.88" by 10 yds.)

The students/professors will be responsible for supplying their own cutting utensils. Acceptable equipment includes:

- Box Cutters
- Utility Knives (Razor Blades)
- X-Acto Knives
- Scissors
- Pocket Knives (Please use your discretion on blade size.)

**No construction is to begin until all groups have received their supplies and the official start has been called.** Groups will be given exactly 35 minutes for the construction phase of the competition. Any group whose canoe is modified after the construction time has officially ended **will be disqualified**. No changes, additions, or modifications will be allowed after the allotted 35 minutes. Only the materials supplied by ESA and the cutting device provided by each team are to be used to construct the canoe. **Use of unauthorized materials or supplies will result in the team's disqualification.** Examples of unauthorized materials and supplies include but are not limited to measuring devices, tarp, plastic bags, etc.

Upon completion of the construction phase, the racing phase will convene. Canoes will be raced in groups of 4, each canoe being timed individually. The order for the racing will be conducted according to section numbers for the classes, so please know that number. Regulations for the racing are as follows:

- One (1) person must begin, and remain, **inside** the canoe from the one end of the pool to the other. The vessel must resemble a canoe.
- Only the canoe and any paddling device constructed from the single sheet of cardboard and roll of duct tape will be allowed in the pool. Any other device (i.e. purchased canoe paddles, etc.) will NOT be allowed.
- If the person riding in the canoe falls out, he/she may attempt to get back in the canoe and complete the course. However, he/she may not get out of the pool to re-enter the canoe. **Canoes cannot be pushed/pulled/dragged across the pool from outside the canoe.**
- The canoe must remain in tact and above the water (floating) from the beginning to the end of the race across the pool for the time to be counted in the competition. Any canoe that does not adhere to this, and proves to be un-sea-worthy, will be disqualified from the race.
- Each canoe must stay clear of other competitors. Foul play **will not be permitted!** The time it takes for each canoe to travel from one end of the pool to the other end will be recorded. Times will be ranked and the **quickest (lowest) time wins!**

Any questions about these rules should be directed to:

esa@latech.edu