

2004 Deep South Regional Conference

Surveying Competition

Description

This competition is intended to test basic surveying skills and problem solving ability. It will require the ability to determine elevations using surveying methods and equipment. All procedures and results will be recorded in a field notebook for review by the judges. In the event of a tie, the team to complete the task the fastest will win.

Rules and Regulations

- 1) Only one team per school will be allowed. Each team can consist of no more than three people.
- 2) The objective of the surveying competition is for each team to complete a loop of differential levels consisting of benchmarks and hubs in the Grove in Ole Miss' Campus. A map of the loop will be provided at the time of the competition.
- 3) Teams must bring their own equipment, which should only consist of a tripod, level (no greater than 30X power), and rod; the judges are given the right to disallow any piece of equipment that gives a team an unfair advantage. No electronic surveying equipment will be allowed.
- 4) Each team must provide its own field book and **non-programmable** calculator. Scientific calculators are acceptable as long as they are non-programmable.
- 5) Field notes and a sketch must accompany the results given to the event judge. If there is a discrepancy between the field notes and the results given, the less accurate values will be taken.
- 6) Field notes must be recorded neatly in hard lead. Any errors made in the field books will be heavily penalized.

Scoring

Accuracy	60%	60 pts
Speed	25%	25 pts
Readability of Field Book	15 %	15 pts
Total Possible Points	100%	100 pts