

2010 ASCE PACIFIC SOUTHWEST REGIONAL CONFERENCE: SURVEYING COMPETITION

OBJECTIVE

The purpose of this competition is to test teams on basic surveying techniques and accuracy.

SCORING

Teams will be placed in order of accuracy with regard to their work. In the very unlikely event of a tie, the school with the best time will be declared the winner.

GENERAL RULES

1. Each school may enter one team with no more than four members.
2. Each team will use its own equipment only. Permissible equipment list:
 - 1 Theodolite
 - 1 Field Book
 - 1 Tripod
 - 1 Leveling Rod
 - 1 measuring tape (any material)
 - 1 F.E. Exam-approved Calculator
 - Pencils
 - Point-setting Equipment (hammer, tacks, flags, paint, chalk, etc.)
 - Reflective Vests & Other Desired Safety Equipment for Surveyors
3. Additional equipment that may be utilized: two-way radios without GPS capabilities and cell-phones without GPS capabilities. Teams may determine the quantities of additional equipment brought to event.
4. Equipment that may not be used includes: programmable calculators, laptop computers, and GPS equipment of any kind (including cell-phone based GPS).
5. Consultation with faculty, professional surveyors or engineers, or comparisons with other teams will not be allowed during the competition.
6. All calculations and data entry must be shown in the field book for submission to the judges at the conclusion of the competition.
7. Judges will have the right to disallow the use of any equipment that may give a team an unfair advantage.