

33rd Annual Student Career Days
March 26 – 29, 2009
Cal Poly Pomona

CONSTRUCTION COST ESTIMATING

Description: The student (maximum of two individuals per school) will estimate the bidding of a residential/commercial landscape installation contract. The estimation will require an accurate take-off from the plan, careful estimation of labor hours and application of appropriate costs.

Time: 1 hour and 50 minutes

JUDGING CRITERIA

Points: 100 possible points per individual; individual scores are combined toward the team score for a total of 200 possible points.

Solutions will be scored against a pre-determined solution. Time will only be used as a tiebreaker.

Students are required to bring the following materials to the event: Architects' and engineers' scales, calculator, planimeter with extra batteries, two sharpened pencils with erasers, and scratch paper.

Note: Electricity will not be provided for your planimeter and digitizers are not allowed.

Sponsor is required to supply the following materials for the event:

- 130 copies of the landscape plan
- Labor hours for units of work
- Labor and any other direct cost
- Overhead and profit margins
- Stopwatches
- Final solution ready for scoring the students' solutions
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event