

Do the Math: Engineering Field Day 2006 Program Impacts

Description: A half-day event for selected high schools held at WSU Vancouver; co-sponsored with MacKay & Sposito Engineering, Inc. Faculty, staff and students from WSU Vancouver, Clark College, 10 local engineering firms and 6 other agencies/organizations volunteered as short-course instructors. The event was coordinated with local high schools and districts

Impacts: Two hundred twenty-five (225) teens from five Clark County high schools attended. Of these, 211 completed program evaluations. Twenty-two volunteer instructors and presenters provided approximately 50 hours of small group/large group instruction.

Participants ranked the following on a scale of 1-5 with 5 being “strongly agree”:

- Instructors presented material clearly: 4.33
- Instructors encouraged participation: 4.16
- Instructors managed discussions well: 4.26
- Instructors responded to questions well: 4.48
- Instructors used available time effectively: 4.27
- Courses were well organized: 4.24
- Course length was appropriate: 4.05
- Courses met my needs or expectations: 4.18

Participants ranked the conference at the following level of difficulty:

- 3% very elementary
- 14% somewhat elementary
- 59% about right
- 21% somewhat difficult
- 3% very difficult.

Overall participant ranking of the conference:

- 33% excellent
- 58% good
- 8% average
- 1% fair

Selected written comments:

- *“I definitely want to do Civil Engineering. Mr. Ornelas was very influential.”*
- *“Because of the presentation I find the engineering field more appealing.”*
- *“I really liked the electrical fitness one because I learned about other types of engineering.”*
- *“This experience has gotten me more interested in becoming an engineer.”*
- *“The HP presentation has made me more sure of engineering.”*
- *“I’m now more interested in my dream.”*
- *“It helped me see that WSU is a good college for me.”*
- *“I knew I would attend college, but now I really see how nice this college is.”*
- *“I thought the AutoCAD was really interesting because I never knew what it was.”*
- *“I’m going to go here now.”*
- *“I wasn’t planning to go to college and now I do.”*