

Title: BME Outreach Program Development

Team Members: Tara Mahan and Kristin Myers

Advisor: Willis Tompkins

Client: Steven Zwickel

Date: September 18, 2001 to September 25, 2001

Problem Statement:

To develop an outreach program for Biomedical Engineering that will showcase new technology, present educational and career opportunities in Biomedical Engineering, and encourage students (in grades K-12) to study math and science.

Restatement of Team Goals:

1. Narrow topics to six (6) or less by 9/28/01
2. Check registration for EPD 699 credit
3. Visit Mark Nicosia's lab for further insight on summer program
4. Further expound on current topics
5. Attempt to set meeting with Professor Radwin to discuss ergonomic problems/ solutions

Summary of Accomplishments:

1. Arranged registration for EPD 699 credit
2. Scheduled time to meet with Mark Nicosia
3. Scheduled meeting with Professor Radwin
4. Additional brainstorming of ideas
5. Meetings with various advisors/professors to clarify goals
6. Clarified goals of TCC Outreach Program with BME advisor

Statement of Team Goals

1. Narrow topics to 6 or less by 9/28/01
2. Verify registration for EPD 699 (Kristin)
3. Visit Mark Nicosia's lab
4. Meeting with Professor Radwin to generate ideas and develop ergonomic principles
5. Various meetings with advisors and professors

Project Schedule

Please see attachment for project schedule. Schedule will be changed as needed as progress is made throughout the semester.

Difficulties

- Goals of client and advisor not in sync
- Family responsibilities/ commitments

Activities

- Brainstorming session: 2 hours
- Arranging independent study (Tara): 30 minutes
- BME 400 class (Tara): 1 hour
- Set up meeting with Professor Radwin (Kristin): 20 minutes
- Set up meeting with Mark Nicosia (Kristin): 20 minutes
- Attempted meeting set up with client and advisor (Tara): 30 minutes
- Meeting with client (2 times, Tara): 1.5 hours
- Project report: 1 hour
- **TOTAL HOURS FOR REPORTING PERIOD: 7 ½ hours**
- **TOTAL HOURS FOR SEMESTER: 35.5 hours**

(NOTE: Unless otherwise noted, both Tara and Kristin participated in all activities listed.)