Summary Conclusions for Objective 7: To develop other courses in the engineering curriculum using the wireless mobile computer technology (beginning fall 2002)

- Increased offerings of engineering specific courses to 16 different courses during 2004-2005 in Biological Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering and Computer Science.
- More engineering faculty are getting involved in the Mobile Laptop program and expanding what they are doing within their laptop courses. However, many faculty still feel the need for release time to prepare for a course taught in this way and many would like to have training in pedagogy and use of technology in the classroom.
- For CHE205, adding the laptop cart and hands-on activities for the problem session was a success and was continued in subsequent semesters. More students in the fall 2003 laptop section than the non-laptop section agreed that their learning was enhanced, more enjoyable and simulating. The laptop section felt that instructional technology had a positive effect on their understanding of the material. These results show that students report the same types of learning and benefits in these upper-division engineering courses as they did for the first year general education courses.
- Rebecca Brent, Roger Rohrbach and Kathy Brawner provided consulting with the engineering faculty spring 2005 and helped with assessment of the programs.