

CoE 2010 Roundtable Activities

As one step toward broadening the conversation about the future of the college, the Task Force formed the CoE 2010 Roundtable – a group of two dozen members of the CoE (listed below) charged to “understand the changing environment for higher education and its implications for the College of Engineering and develop an action plan that includes changes in course curriculum and delivery to meet the new challenges in undergraduate education.”

The Roundtable determined that three elements in addition to disciplinary excellence characterize the best undergraduate education: it is up-to-date, it emphasizes that engineering happens in a broader context, and it forms the foundation for life-long skill and knowledge development. These elements are summarized in the following goal.

The College of Engineering will provide a contemporary engineering education that fosters an understanding of the societal context of engineering and a passion for life-long learning.

To achieve this goal requires that faculty and staff guide students in shaping their undergraduate experience,

- *to build disciplinary excellence with multidisciplinary perspective,*
- *to nurture critical thinking*
- *to develop multicultural competence,*
- *to cultivate collaboration and leadership, and*
- *to promote an ethic of service to the profession and the community.*

The Roundtable members identified six themes to prioritize in pilot projects in 2007-08: societal and multicultural understanding; multidisciplinary perspective; flexible and relevant curricula; service to the profession and community; contemporary educational delivery; and development of students’ professional skills. Additional details appear in the Call for Proposals on Transforming Undergraduate Education in the CoE, posted at www.engr.wisc.edu/2010.

Roundtable Members:

Sandy Arnn
Sue Babcock
Dave Beebe
John Booske
Steve Clark
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Steve Cramer
Neil Duffie
Mike Graham

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Jeff Russell
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